



Heather Shirley Smith
Deputy General Counsel

Duke Energy
40 W. Broad Street
Suite 690
Greenville, SC 29601

o: 864.370.5045
f: 864.370.5183

heather.smith@duke-energy.com

June 1, 2017

Ms. M. Lynn Jarvis
Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4300

**RE: Application of Duke Energy Progress, LLC for Adjustment of Rates and
Charges Applicable to Electric Service in North Carolina and Request for an
Accounting Order
Docket No. E-2, Sub 1142**

Dear Ms. Jarvis:

Enclosed for filing is Duke Energy Progress, LLC's ("DE Progress" or the "Company") Application to Adjust Retail Rates and Request for an Accounting Order ("Application") pursuant to Sections 62-133, 62-133.2, 62-134, and 62-135 of the North Carolina General Statutes and Rule RI-17 of the regulations of the North Carolina Utilities Commission ("Commission"). In support of the Application, DE Progress is pre-filing Direct Testimony and Exhibits, as well as Commission Form E-1, Rate Case Information Report – Electric Companies.

While the Application and Direct Testimony do not contain confidential information, portions of E-1 items 10, 16, 18 and 40 contain commercially sensitive information that should be protected from public disclosure. The information designated by DE Progress as confidential qualifies as "trade secrets" under N.C.G.S. § 66-152(3). If this information were to be publicly disclosed, it would allow competitors, vendors, and other market participants to gain an undue advantage, which may ultimately result in harm and higher cost to customers. Pursuant to N.C.G.S. § 132-1.2, DE Progress requests that the information marked "Confidential" be protected from public disclosure. DE Progress is filing all pages designated as confidential under seal and will make the information available to other parties to this docket pursuant to an appropriate nondisclosure agreement.

Pursuant to N.C.G.S. § 62-300(a)(3), a check is being provided in the amount of \$500.00 for the filing fee in this matter.

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Pursuant to Commission Rule R1-28(e)(1), the Company plans to deliver 15 paper copies of the entire filing to the Commission on or before June 2, 2017.

If you have any questions, please let me know.

Sincerely,

Heather Shirley Smith
Heather Shirley Smith

Enclosures

cc: Parties of Record

CERTIFICATE OF SERVICE

Docket No. E-2, Sub 1142

I certify that a copy of Duke Energy Progress, LLC's Application of Duke Energy Progress, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina and Request for an Accounting Order has been served by hand delivery, depositing a copy in the United States Mail, first class postage prepaid, or by electronic mail, properly addressed to the following parties of record:

David Drooz, Chief Counsel
Dianna Downey, Counsel
Lucy Edmondson, Counsel
Public Staff
North Carolina Utilities Commission
4326 Mail Service Center
Raleigh, NC 27699-4326
david.drooz@psncuc.nc.gov
dianna.downey@psncuc.nc.gov
lucy.edmondson@psncuc.nc.gov

Ralph McDonald
Bailey & Dixon, LLP
Counsel for CIGFUR
PO Box 1351
Raleigh, NC 27602-1351
rmcdonald@bdixon.com

Margaret Force
Assistant Attorney General
N C Department of Justice
P O Box 629
Raleigh, NC 27602-0629
pforce@ncdoj.gov

Peter H. Ledford
NC Sustainable Energy Association
4800 Six Forks Road, Suite 300
Raleigh, NC 27609
peter@energync.org

Sharon Miller
Carolina Utility Customers Assoc.
1708 Trawick Road
Suite 210
Raleigh, NC 27604
smiller@cucainc.org

Robert Page
Counsel for CUCA
Crisp, Page & Currin, LLP
4010 Barrett Drive, Ste. 205
Raleigh, NC 27609-6622
rpage@cpclaw.com

John Runkle, Attorney
Counsel for NC WARN
2121 Damascus Church Rd.
Chapel Hill, NC 27516
jrunkle@pricecreek.com

This the 1st day of June, 2017.

Heather Shirley Smith
Heather Shirley Smith
Deputy General Counsel
Duke Energy Corporation
Attorney for Duke Energy Progress, LLC
40 W. Broad Street, Suite 690
Greenville, South Carolina 29601

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JUN 01 2017

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-2, SUB 1142

In the Matter of)	
)	APPLICATION TO ADJUST
Application of Duke Energy Progress, LLC)	RETAIL RATES AND REQUEST
For Adjustment of Rates and Charges Applicable)	FOR AN ACCOUNTING ORDER
to Electric Service in North Carolina)	

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Jun 01 2017

Pursuant to the N.C. Gen. Stat. §§ 62-133 and 62-134 and North Carolina Utilities Commission ("Commission") Rules R1-5, R1-17, and R8-27, Duke Energy Progress, LLC ("DE Progress" or "Company") makes this Application for authority to adjust and increase its retail electric rates and charges effective July 1, 2017. In the event the Commission suspends rates in this proceeding, the Company respectfully requests rates be effective as of January 1, 2018. In support of this Application, DE Progress respectfully shows the Commission the following:

1. Its general offices are at 410 South Wilmington Street, Raleigh, North Carolina, and its mailing address is:

Duke Energy Progress, LLC
P.O. Box 1551
Raleigh, North Carolina, 27602

2. The names and addresses of Applicant's attorneys are:

Heather Shirley Smith
Deputy General Counsel
Duke Energy Corporation
40 W. Broad Street, Suite 690
Greenville, South Carolina 29601
864-370-5045
heather.smith@duke-energy.com

Lawrence B. Somers
Deputy General Counsel
Duke Energy Corporation
P.O. Box 1551
Raleigh, North Carolina 27602
919 546-6722
bo.somers@duke-energy.com

Attorneys for Duke Energy Progress, LLC

3. Copies of all pleadings, testimony, orders and correspondence in this proceeding should be served upon the attorneys listed above.

4. DE Progress is (1) a limited liability company duly organized and existing under the laws of the State of North Carolina; (2) duly authorized by its Articles of Organization to engage in the business of generating, transmitting, distributing and selling electric power and energy; (3) a public utility under the laws of North Carolina, and its operations in this State are subject to the jurisdiction of this Commission; (4) an investor-owned public utility that is subject to the emissions limitations set out under N.C. Gen. Stat. § 143-215.107D; (5) a public utility under the laws of the State of South Carolina, and its operations in South Carolina are subject to the jurisdiction of the Public Service Commission of South Carolina; and (6) a public utility under the Federal Power Act, and certain of its operations are subject to the jurisdiction of the Federal Energy Regulatory Commission. DE Progress' service area covers 32,000 square miles including a substantial portion of the coastal plain of North Carolina extending from the Piedmont to the Atlantic coast between the Pamlico River and the South Carolina border, the lower Piedmont section of North Carolina, an area in western North Carolina in and around the city of Asheville and an area in the northeastern portion of South Carolina. DE Progress supplies retail electric service to approximately 1.3 million customers in North Carolina. During the twelve-month period ended December 31, 2016, DE Progress' electric revenues amounted to approximately \$5.27 billion, of which approximately 67 percent was derived from North Carolina retail jurisdictional customers.

5. Recent work to modernize the electric system, generate cleaner power, responsibly manage and close coal ash basins, respond to major storms like Hurricane

Matthew, and continually improve service to customers have made it necessary for DE Progress to request a net base rate increase in its retail revenues of approximately \$477.5 million, which represents an approximate overall 14.9 percent increase in annual revenues. As proposed, a typical residential customer using 1,000 kWh will see an increase of approximately \$17.80 per month. The Company also proposes modification of certain rate schedules to reflect more accurately the cost of service. The Company proposes an increase in the fixed monthly customer charges to recover the basic cost of providing electric service that is not dependent upon customer usage. DE Progress has proposed, supported by costs to serve, an increase in the Residential Customer Charge from \$11.13 to \$19.50.

6. The Company's request is driven by a) capital investments made by the Company since its last rate case, including the further implementation of DE Progress' modernization program that consists of retiring, replacing and upgrading generation plants and transmission and distribution systems; b) costs relating to storm recovery;¹ c) investments in customer service technologies; and d) recovery of costs associated with renewable purchased power; and e) costs associated with compliance with new regulations relating to the management and storage of coal combustion residuals, including fly ash, bottom ash, and flue gas desulfurization byproducts, and other costs incurred by DE Progress in providing the efficient, high quality power to North Carolina customers.

7. Major generating plant additions and plant-related expenses account for over half of the total additional requested annual revenue requirement. The remaining requested rate adjustment, if approved, accounts for compliance costs associated with environmental

¹ These costs are inclusive of the costs requested for deferral in pending Docket No. E-2 Sub 1131, *Application of Duke Energy Progress LLC for an Accounting Order to Defer 2016 Incremental Storm Damage Expenses*.

requirements for mandated closure of ash basins, as well as other net cost increases, including expenses to respond to damage from significant storms like Hurricane Matthew (in the amount of \$30 million per year for three years), costs for renewable purchased power investment from Qualifying Facilities (“QFs”) (in the amount of \$30 million annually), deferred nuclear development costs for the nuclear development work completed for the Harris nuclear site, as discussed by Witness Fallon (in the amount of \$9 million per year for five years) and investments necessary for computer information systems (\$8 million annually) and other ongoing operational costs. This increase is necessary to pay for investments that build a cleaner, more reliable and smarter energy future in North Carolina. These annual costs are partially offset by the return of a deferred tax liability to customers over the next five years (\$38 million per year).

8. Since its last rate case, DE Progress has built and purchased additional generating facilities to serve customers. DE Progress has invested approximately \$416 million in new gas-fueled generation, replacing older, less-efficient coal-fired generation with state-of-the-art, cleaner burning natural gas-fueled plants. These new plants emit carbon dioxide at about half the rate, and nitrogen and sulfur oxide emissions at a fraction of the rate of the units they replaced. Other investments include the Mayo Unit 1 Zero Liquid Discharge (“ZLD”) treatment system for flue gas desulfurization wastewater for environmental compliance and operational flexibility, which resulted in an investment of approximately \$141 million. In conjunction with the Western Carolinas Modernization Project, DE Progress has begun construction on the Asheville Combined Cycle Plant (the “Asheville CC Project”), which consists of two highly efficient 280 MW combined cycle natural gas-fueled electric generating units with fuel backup. Approximately \$193 million

of the Ashville CC Project costs are included in rate base in this case. The Company is also on schedule to complete the new Sutton Blackstart CT combustion turbine under budget, with expected commencement of commercial operation in June of 2017. The Company's investment in this project totaled \$120 million. These units will join the new Sutton Combined Cycle unit that began operation in 2013, and was only partly included in the last rate case. DE Progress requests an additional \$103 million to recover the remainder of that investment. The Company also requests an increase to fund decommissioning related to infrastructure used to serve customers. More detail on these costs may be found in testimony being filed today along with this Application.

9. To advance towards a more sustainable energy future, the Company received Certificates for Public Convenience and Necessity for four solar projects in late 2015 and early 2016. These projects have been completed and add a total of 141 MWs of nameplate capacity (Warsaw, Fayetteville, Camp Lejeune, and Elm City), providing 62 MWs of utility equivalent capacity, an investment of \$184 million. These projects represent the first solar additions to the DE Progress fleet.

10. To bring more value to customers, including giving customers more choice, convenience and control over how they use electricity and how they can save more money, the Company is also requesting approximately \$8 million annually for operating and maintenance costs associated with implementing a new Customer Information System ("CIS"), which will replace the Company's current system. At 30 years old, the Company's CIS is no longer supported or upgradeable, and is unable to continue to be fully integrated into Duke's other systems. The new system will also be complementary to future technology, and includes the ability to interface with new smart meters to enable customers

to more easily start and stop service, ask questions about their bills, view their usage, and allow the Company to identify the optimal rate plan for each customer.

11. The Company also seeks to recover costs incurred since January 1, 2015 through August 31, 2017 to comply with federal and state requirements regarding coal ash basins.² The Company has also included ongoing expenses in revenue requirements because ash basin closure costs have become part of the Company's recurring annual costs. In 2015, both the State of North Carolina and the Environmental Protection Agency promulgated new rules regarding the handling of ash basins, and the Company is subject to environmental agency requirements in both North and South Carolina. All of the Company's ash basins must be closed under one or a combination of these requirements. Like other utilities around the country similarly affected by such regulation, DE Progress has begun the process of closing, or submitting plans to close, ash basins in accordance with these regulations and requirements. Additionally, the Company is adding dry ash and Flue Gas Desulfurization blowdown handling systems to coal-fired plants that are not already so equipped. DE Progress is also modifying all of its active and decommissioned coal-fired plants to divert stormwater and low volume waste water away from the basins.

12. The Company is requesting recovery of ash basin closure compliance costs incurred since January 1, 2015, in the approximate amount of \$66 million per year for five years; as well as recovery of ongoing ash basin closure compliance spend in the amount of \$129 million per year, with any difference from future spend being deferred until a future base rate case. Recovery of ongoing costs will mitigate the need for future rate increases for

² These costs are inclusive of the costs requested for deferral in pending Docket No. E-2, Sub 1103, *Notification of Establishment of Regulatory Assets Associated with AROs*.

compliance costs associated with coal ash basin closure. No fines or penalties associated with coal ash basin closure are being sought for recovery in this case.³

13. This rate increase is further necessary to enable DE Progress to maintain its current financial position in light of those significant capital expenditures undertaken to meet its customers' needs. In addition to modernization of its generating fleet and closing ash basins, the Company is committed to making North Carolina's air and water cleaner by making its grid smarter to allow distributed and small source renewables like rooftop solar. The investments described above by the Company to modernize its generation portfolio and electric infrastructure, to comply with certain environmental requirements associated with ash basin closure, and to invest in modernizing the Company's CIS systems are not currently reflected in DE Progress's rates. As such, the Company's current rates are not providing sufficient revenues for the Company to meet its day-to-day operating expenses and also provide its investors with reasonable returns on their investments of needed capital.

14. The Company needs to be financially sound to continue providing the service customers expect, including making substantial capital investments to replace aging and retired infrastructure, to comply with environmental requirements and to invest in new, more efficient technologies (e.g., digital automated technologies on the grid). The Company plans to implement smart meter technology as well as investing billions in grid infrastructure over the next decade in North Carolina, improving the performance and capacity of the grid, making it smarter and more resilient and give customers greater convenience, control and choice over their electricity usage. Accordingly, the Company

³ The Company has included ongoing costs in the amount of \$27 million in annual revenue requirements due to a recent settlement in which parties agreed to address certain beneficiation costs in this case. While the amounts related to beneficial reuse are included in this case, the Company believes that certain amounts are more appropriately recovered through the fuel clause, as explained by Witness McGee.

needs to remain financially strong in order to make such investments and to continue providing reliable electricity at reasonable rates. Therefore, it is imperative that the Company be attractive to the financial community to access the capital it needs on reasonable terms for the benefit of customers, as explained in detail in the Company's pre-filed direct testimony.

15. The opportunity for the Company's investors to earn a fair and reasonable return on equity will help ensure access to capital markets on reasonable terms. In his pre-filed direct testimony in this case, the Company's cost of capital expert Robert Hevert recommends that DE Progress be authorized to provide investors a 10.75 percent return on equity based upon a proposed capital structure containing 53 percent equity and 47 percent debt.

16. DE Progress' most important objective is to continue providing safe, reliable, affordable, and increasingly clean electricity to customers with high quality customer service, both today and in the future. The Company's systems and programs are complex and are subject to: (a) the continuously evolving needs of its increasingly diverse customer base; (b) ever-increasing federal, state and local laws, regulations and ordinances; (c) the physical demands placed on its systems through extended historic use and natural causes; and (d) the need to invest in this critical infrastructure to power the lives of customers and the vitality of the communities served by DE Progress. Despite this request, DE Progress' rates will remain lower than the current national average. This proposed rate adjustment is made to support investments that benefit the Company's customers. DE Progress strives to ensure that those investments are made in a cost-effective manner that retains the level of service and competitive rates for customers. The Company relies on a

variety of fuel sources to generate power and has prudently managed its operating costs. This fuel diversity allows DE Progress to choose how to generate electricity – day by day, hour by hour – based on the cost of the fuel needed to run its different plants. DE Progress has managed its costs through continuous improvement to its operations (thereby benefitting customers through efficiency-derived controlled costs) as well as through significant cost containment policies and activities described in the Company’s pre-filed direct testimony in this case.

17. The Company has committed considerable resources, as explained in the testimony of witnesses in this case, to mitigate the customer impacts of the costs requested for recovery in this case. The Company has donated millions of dollars to assist low-income customers with their electric bills, facilitated customer access and awareness of agencies and programs that can help them pay their bills or manage their ability to maintain electric service, and implemented programs to give customers a variety of payment options. The Energy Neighbor Fund is a good example of an assistance program for DE Progress customers in need, helping low-income individuals and families cover home energy bills. Over the life of the Energy Neighbor Fund program, it has provided approximately \$32 million to DE Progress’ North Carolina customers. Most importantly, DE Progress has saved customers’ money by operating efficiently and managing costs, and its excellent operational performance translates into lower fuel bills and reliable service, and as explained in the testimony of Witness Gillespie, has resulted in industry awards for operations and cost management.

18. The Company also remains committed to energy efficiency (“EE”) and demand side management (“DSM”) programs, as well as innovative rate designs. Through

these programs, DE Progress offers customers a way to lower their bill, while at the same time lowering DE Progress' costs to serve its customers by lessening peak demand, when the Company's costs to generate power are at their highest. Such lower costs are ultimately reflected in customer bills being lower than what they would otherwise be. Duke Energy offers customers more than a dozen energy-saving programs for every type of energy user and budget. These programs have reduced usage by nearly 1.7 billion kWh each year.

19. DE Progress' requested rate increase is necessary and justified. This request reflects investments the Company has made—and is still making—to comply with existing state and federal environmental and other regulatory requirements and to upgrade and modernize its generation and power delivery systems. The Company is also committed to maintaining its operational focus through the proposals included in this case.

REQUEST FOR ACCOUNTING ORDER

20. Further, as part of this Application, the Company requests an accounting order for approval to establish: i) a regulatory asset/liability for coal ash basin closure costs over or under the amount established in this proceeding and for those costs incurred between the cut-off date for this rate case and the effective date of new rates; ii) a regulatory asset/liability for prudently incurred purchased power costs from qualifying facilities not recovered through fuel over or under the level established in this rate case; iii) a regulatory asset at the time of the Asheville plant's retirement for the remaining net book value, and permission to defer to this regulatory asset any costs related to obsolete inventory, net of salvage, at the time of retirement; and iv) a regulatory asset for smart meters that will be replaced under the Company's Advanced Metering Infrastructure ("AMI") program.

21. DE Progress also requests permission to recover costs associated with beneficial reuse of coal ash disposal through the fuel clause mechanism as a loss on the sale of a by-product produced in the generation process, as allowed by North Carolina and explained by Witness McGee's testimony being filed in this case.

22. DE Progress requests a regulatory asset for coal ash basin closure because currently the Company is collecting costs associated with the closure of coal ash ponds in the cost of removal portion of its depreciation rates. Federal and State regulations relating to coal ash storage have significantly increased the estimated closure costs for the Company's coal ash ponds, and changed the required accounting treatment, triggering asset retirement obligation accounting. Any costs not covered by this rate case would be deferred, allowing the Company a reasonable opportunity to recover its prudently incurred closure costs associated with environmental compliance. Moreover, this case excludes any fines or penalties incurred by DE Progress related to ash basin closure or management.

23. Purchased power costs from QFs vary significantly from year to year, and associated costs are not fully recoverable through the annual fuel rider. Due to the volatility of these costs and the Company's inability to control the level of the costs from these federally-required purchases, DE Progress is requesting permission to establish a regulatory asset/liability and to defer to this account the North Carolina retail portion of expense over or under the level established in this proceeding. This type of accounting mechanism would allow the Company a reasonable opportunity to recover its prudently incurred QF purchased power costs.

24. In order to mitigate the impact on customers in this case, the Company proposes to adjust rates to reflect a recovery of the remaining net book value of the Asheville coal plant over a ten-year period. Since the net book value of the plant will not be fully recovered at the time of retirement, the Company is requesting permission to establish a regulatory asset at the time of the plant's retirement for the remaining net book value and the ability to continue amortizing the costs over the remaining portion of the ten-year period at that time. The Company also request permission to defer to this regulatory asset any costs related to obsolete inventory, net of salvage, at the time of retirement.

25. The Company also requests permission to establish a regulatory asset for meters that will be replaced under the Company's AMI deployment program. As individual meters are replaced, the Company will need to move the retired meter balance out of Electric Plant in Service and Accumulated Provision for Depreciation of Electric Utility Plant (Accounts 101 and 108) and into the regulatory asset account, until the remaining balances are fully depreciated. The Company proposes to amortize the meters over three years.

REQUESTED RATES

26. Copies of the rates now in effect are attached as **Exhibit A**. The proposed schedules of rates and charges, attached to this Application as **Exhibit B**, are filed in accordance with the provisions of N.C. Gen. Stat. § 62-134 and Commission Rule R1-17, and have an effective date of July 1, 2017, in accordance with N.C. Gen. Stat. § 62-134(a). The Company's tariff includes all annual riders; therefore, the current and proposed rates include the Base Fuel and Fuel Experience Modification Factor rates

approved in Docket No. E-2, Sub 1107, Demand-Side Management and Energy Efficiency rates approved in Docket No. E-2, Sub 1108, and Joint Agency Asset rates approved in Docket No. E-2, Sub 1110. The rates set forth in the Exhibits include a base fuel and fuel-related rate of Residential – 1.993 cents per kWh; Small General Service – 2.088 cents per kWh; Medium General Service – 2.431 cents per kWh; Large General Service – 2.253 cents per kWh and Lighting – 0.596 cents per kWh, excluding the current fuel Experience Modification Factors. The rates set forth in **Exhibit B** are designed to increase annual revenues from North Carolina retail operations by \$477.5 million, or a 14.9 percent increase, in rates based on the test year, the twelve-month period ending December 31, 2016. The proposed revenue increase is distributed among classes of customers by increasing the rate schedules by 16.7 percent for the residential class, 15.4 percent for the small general service class, 12.9 percent for the medium general service class, 13.4 percent for the large general service class, and 6.1 percent for the outdoor lighting class. The different percentage increases for customer classes reflect the allocation of the rate increase necessary to maintain each customer class' current contribution to the overall rate of return. The Company proposes modification of certain rate schedules to reflect more accurately the cost of service.

27. The rates set forth in **Exhibit A** are unjust and unreasonable because they do not allow the Company the opportunity to earn a fair rate of return. During the twelve-month period ending December 31, 2016, as adjusted for known changes, the rate of return on North Carolina retail rate base, as shown on **Exhibit C**, is only 4.00 percent, and the Company return on equity is 3.85 percent.

28. N.C. Gen. Stat. § 62-133(c) requires that the Commission consider actual

changes in costs, revenues or the value of a public utility's property "based upon circumstances and events occurring up to the time the hearing is closed." The Company has included in this Application adjustments based upon its estimates of certain changes in costs that are anticipated to occur up to the time the hearing is closed. The Company intends to offer evidence to support these changes up to the time of the hearing. As required by Commission Rule R1-17(b), the Company's estimates of the items it intends to update are identified by asterisks on page 3 of **Exhibit C**.

29. As required by Commission Rule R1-17(b)(9)f, **Appendix 1** of this Application contains a one-page summary of the proposed increases and changes affecting customers.

30. The exhibits attached to this Application are as follows:

- **Exhibit A.** The schedule of the Company's electric rates and charges in effect and on file with the Commission at the time of filing this Application which the Company seeks to increase, as required by Commission Rule R1-17(b)(1).
- **Exhibit B.** The schedules of electric rates and charges the Company proposes to put into effect on July 1, 2017, as required by Commission R1-17(b)(2).
- **Exhibit C.** The financial data for the 12-month period ended December 31, 2016, filed in compliance with Commission Rule R1-17(b)(3)-(10).
- **Exhibit D.** A statement of the probable effect of the proposed rates on peak demand, as required by N.C. Gen. Stat. § 62-155(e).

DE Progress' Commission Form E-1 is filed with this Application in compliance with Commission Rule R1-17(b)(12)a and is incorporated herein by reference.

WHEREFORE, Applicant requests that the Commission approve the rates filed as **Exhibit B**, effective July 1, 2017, as indicated in the tariffs filed in this case. In the event

the Commission suspends rates in this proceeding, the Company respectfully requests rates be effective as of January 1, 2018.

Respectfully submitted this 1st day of June, 2017.

Heather Shirley Smith

Heather Shirley Smith
Deputy General Counsel
Duke Energy Corporation
40 W. Broad Street, Suite 690
Greenville, South Carolina 29601
864-370-5045
heather.smith@duke-energy.com

Lawrence B. Somers
Deputy General Counsel
Duke Energy Corporation
P.O. Box 1551
Raleigh, North Carolina 27602
919-546-6722
bo.somers@duke-energy.com

ATTORNEYS FOR DUKE ENERGY PROGRESS, LLC

APPENDIX 1

The rates proposed by DE Progress are designed to produce a 14.9 percent increase in total electric operating revenues or approximately \$477.5 million applicable to North Carolina retail operations as applied to the test year ended December 31, 2016.

The system fuel and fuel-related costs factor in the rates set forth in **Exhibit B** include a base fuel and fuel-related rate of Residential – 1.993 cents per kWh; Small General Service – 2.088 cents per kWh; Medium General Service – 2.431 cents per kWh; Large General Service – 2.253 cents per kWh and Lighting – 0.596 cents per kWh, , excluding the Experience Modification Factors, as filed by the Company in Docket No. E-2, Sub 1107.

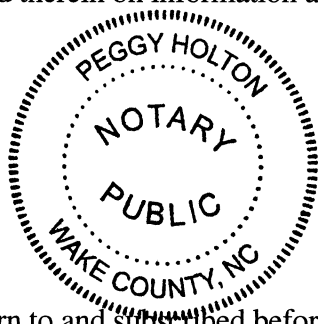
The proposed revenue increase is distributed among classes of customers by increasing the rate schedules by 16.7 percent for the residential class, 15.4 percent for the small general service class, 12.9 percent for the medium general service class, 13.4 percent for the large general service class, and 6.1 percent for the outdoor lighting class. The different percentage increases for customer classes reflect the allocation of the rate increase necessary to maintain each customer class' current contribution to the overall rate of return.

The Company proposes modification of certain rate schedules to reflect more accurately the cost of service. Fixed monthly customer charges are increased to recover the basic cost of providing electric service that is not dependent upon customer usage. DE Progress has proposed, supported by costs to serve, an increase in the Residential Customer Charge from \$11.13 to \$19.50. Emphasis on summer pricing is being reduced to better recognize the influence of winter load requirements on system peak conditions. A new Small General Service (Constant Load) Schedule is proposed for certain customers whose usage never varies.

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

David Fountain, being first duly sworn, deposes and says:

That he is North Carolina President of Duke Energy Progress, LLC; that he has read the foregoing Application and knows the contents thereof; that the same is true as to matters stated therein on information and belief, and as to those matters he believes them to be true.



A handwritten signature of David Fountain in black ink, written over a horizontal line.

David Fountain

Sworn to and subscribed before me

This 30th day of May, 2017.

A handwritten signature of Peggy Holton in black ink, written over a horizontal line.

Notary Public

My Commission Expires: 12/22/2021

Duke Energy Progress, LLC
Current North Carolina Tariffs Proposed For Change

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Jun 01 2017

<u>SCHEDULE</u>	<u>DESCRIPTION</u>	<u>PAGE NO.</u>
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I. RETAIL CLASSIFICATION

A. RESIDENTIAL RATE SCHEDULES

RES-42A	Residential Service	R-1
R-TOUD-42A	Residential Service Time-of-Use.....	R-2
R-TOU-42A	Residential Service Time-of-Use.....	R-3

B. GENERAL SERVICE RATE SCHEDULES

SGS-42A	Small General Service	G-1
SGS-TOUE-42A	Small General Service (All-Energy) Time-of-Use	G-2
MGS-42A	Medium General Service.....	G-3
SI-42A	Seasonal or Intermittent Service.....	G-4
SGS-TOU-42A	Small General Service (Time-of-Use)	G-5
CH-TOUE-42A	Church Service (Time-of-Use)	G-6
GS-TES-42A	General Service (Thermal Energy Storage).....	G-7
APH-TES-42A	Agricultural Post-Harvest Service	G-8
LGS-42A	Large General Service	G-9
LGS-TOU-42A	Large General Service (Time-of-Use).....	G-10
LGS-RTP-42A	Large General Service (Real Time Pricing)	G-11
CSG-42A	Church and School Service	G-12
CSE-42A	Church and School Service	G-13

C. LIGHTING RATE SCHEDULES

TSS-42A	Traffic Signal Service.....	L-1
TFS-42A	Traffic Signal Service (Metered)	L-2
ALS-42B	Area Lighting Service.....	L-3
SLS-42B	Street Lighting Service	L-4
SLR-42A	Street Lighting Service – Residential Subdivisions and Neighborhoods	L-5
SFLS-42A	Sports Field Lighting Service	L-6

D. RETAIL RIDERS

IN CONJUNCTION WITH:

BA-15	Annual Billing Adjustments	All Retail Schedules.....	RR-1
90	Highly Fluctuating or Intermittent Load.....	Any Retail Schedule.....	RR-12
7C	Supplementary and Firm Standby Service.....	Any Retail Schedule.....	RR-13
SS-50A	Supplementary and Firm Standby Service.....	General Service Schedules.....	RR-15
NFS-6A	Supplementary and Non-Firm Standby Service	General Service Schedules.....	RR-16
LLC-2A	Large Load Curtailable.....	LGS Schedules.....	RR-17
68K	Dispatched Power.....	LGS Schedules.....	RR-18
IPS-8A	Incremental Power Service	LGS-TOU Schedule.....	RR-19
ED-11A	Economic Development	LGS Schedules.....	RR-20
ERD-7	Economic Redevelopment.....	LGS/LGS-TOU/SGS-TOU/MGS	RR-21
MROP-8A	Meter-Related Optional Programs	Resid./General Ser. Schedules ..	RR-23

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Duke Energy Progress, LLC
(North Carolina Only)

R-1

RESIDENTIAL SERVICE
SCHEDULE RES-42A

AVAILABILITY

This Schedule is available when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm's products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons.

Service under this Schedule is not available for processing (or handling) for market of farm products produced by others; for separately metered domestic or farm operations; for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); for commercial or industrial purposes; for other uses not specifically provided for by the provisions herein; or for resale service, except as provided for in Chapter 22 of the Commission Rules regarding the provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment at Company's expense to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

Bills Rendered During July - October

A. Basic Customer Charge:
\$11.13 per month

B. Kilowatt-Hour Charge:
9.871¢ per kWh

Bills Rendered During November - June

Basic Customer Charge:
\$11.13 per month

Kilowatt-Hour Charge:
8.903¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.29/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule RES-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

R-2

RESIDENTIAL SERVICE
TIME-OF-USE
SCHEDULE R-TOUD-42A

AVAILABILITY

This Schedule is available on a voluntary basis when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons. This Schedule is also available to an existing residential customer (1) if service is also received under Net Metering for Renewable Energy Facilities Rider NM or (2) if served under the Residential Service Time-of-Use Schedule R-TOUD before December 1, 2013 until such time as service is terminated or service is elected under another available schedule.

This Schedule is also available to customers served under the Residential Service Load Control Rider with applicable billing credits. Billing demands established and energy consumed by the load subject to control will be billed in accordance with this Schedule.

Service under this Schedule is not available: (1) for processing (or handling) for market of farm products produced by others; (2) for separately metered domestic or farm operations; (3) for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); (4) for commercial or industrial purposes; (5) for other uses not specifically provided for by the provisions herein; (6) for new applicants on and after December 1, 2013, or (7) for resale service, except as provided for in Chapter 22 of the Commission Rules regarding the provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment at Company's expense to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

- | | |
|--|--|
| A. Service used during calendar months of June through September: | B. Service used during calendar months of October through May: |
| 1. <u>Basic Customer Charge:</u>
\$14.13 | 1. <u>Basic Customer Charge:</u>
\$14.13 |
| 2. <u>On-Peak kW Demand Charge:</u>
\$4.97 per kW for all on-peak
Billing Demand | 2. <u>On-Peak kW Demand Charge:</u>
\$3.69 per kW for all on-peak
Billing Demand |
| 3. <u>kWh Energy Charge:</u>
6.323¢ per on-peak kWh
4.961¢ per off-peak kWh | 3. <u>kWh Energy Charge:</u>
6.323¢ per on-peak kWh
4.961¢ per off-peak kWh |

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.29/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

BILLING DEMAND

The on-peak Billing Demand shall be the maximum demand used in the on-peak hours of the current month during any 15-minute interval.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessor, at the current location, the Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule R-TOUD-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

R-3

RESIDENTIAL SERVICE
TIME-OF-USE
SCHEDULE R-TOU-42A

AVAILABILITY

This Schedule is available on a voluntary basis when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons.

Service under this Schedule is not available: (1) for processing (or handling) for market of farm products produced by others; (2) for separately metered domestic or farm operations; (3) for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); (4) for commercial or industrial purposes; (5) for other uses not specifically provided for by the provisions herein; or (6) for resale service, except as provided for in Chapter 22 of the Commission Rules regarding provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during the calendar months of June through September:

1. Basic Customer Charge:

\$14.13

B. Service used during the calendar months of October through May:

1. Basic Customer Charge:

\$14.13

2. kWh Energy Charge:

22.955¢ per on-peak kWh
11.236¢ per shoulder kWh
6.211¢ per off-peak kWh

2. kWh Energy Charge:

20.611¢ per on-peak kWh
10.649¢ per shoulder kWh
6.211¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.29/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

DETERMINATION OF ON-PEAK, SHOULDER, AND OFF-PEAK HOURS

I. Service used beginning at 12:00 midnight March 31, and ending at 12:00 midnight September 30:

- A. The on-peak hours are defined as the hours between 1:00 p.m. and 6:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 11:00 a.m. and 1:00 p.m. and between 6:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

II. Service used beginning at 12:00 midnight September 30, and ending at 12:00 midnight March 31:

- A. The on-peak hours are defined as the hours between 6:00 a.m. and 9:00 a.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 9:00 a.m. and noon and between 5:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

III. Off-Peak Holidays:

All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessor, at the current location, the Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule R-TOU-42

Effective for service rendered on and after February 1, 2017

NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-1

SMALL GENERAL SERVICE
SCHEDULE SGS-42A

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand of less than 30 kW, until the Customer's registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or until the Customer's registered demand equals or exceeds 50 kW.

This Schedule is not available: (1) for residential service, (2) for resale service, (3) for a Contract Demand of 30 kW or more, (4) whenever the monthly registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or (5) whenever the monthly registered demand equals or exceeds 50 kW. The Company may at any time conduct a test or install a demand meter to determine the maximum 15-minute demand.

When the Customer has installed generating or converting equipment that can operate in parallel with the Company's service, the Customer shall install the protective equipment acceptable to the Company that will protect the Company's employees, its other customers, and its distribution system. The Company shall have the right to suspend delivery of electricity to the Customer with such generating or converting equipment until the Customer has installed the protective equipment.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Single-Phase Service:

A. \$16.45 Customer Charge

B. Kilowatt-Hour Energy Charge:

9.913¢ per kWh for the first 750 kWh
8.273¢ per kWh for the next 1,250 kWh
7.827¢ per kWh for all additional kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

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SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SGS-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-2

SMALL GENERAL SERVICE
ALL-ENERGY TIME-OF-USE
SCHEDULE SGS-TOUE-42A

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand of less than 30 kW, until the Customer's registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or until the Customer's registered demand equals or exceeds 50 kW.

This Schedule is not available: (1) for residential service, (2) for resale service, (3) for a Contract Demand of 30 kW or more, (4) whenever the monthly registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or (5) whenever the monthly registered demand equals or exceeds 50 kW. The Company may at any time conduct a test or install a demand meter to determine the maximum 15 minute demand.

When the Customer has installed generating or converting equipment that can operate in parallel with the Company's service, the Customer shall install the protective equipment acceptable to the Company that will protect the Company's employees, its other customers, and its distribution system. The Company shall have the right to suspend delivery of electricity to the Customer with such generating or converting equipment until the Customer has installed the protective equipment.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during the calendar months of June through September:

1. Basic Customer Charge:

\$16.45

B. Service used during the calendar months of October through May:

1. Basic Customer Charge:

\$16.45

2. kWh Energy Charge:

23.547¢ per on-peak kWh
11.504¢ per shoulder kWh
5.481¢ per off-peak kWh

2. kWh Energy Charge:

18.732¢ per on-peak kWh
10.301¢ per shoulder kWh
5.481¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

DETERMINATION OF ON-PEAK, SHOULDER, AND OFF-PEAK HOURS

I. Service used beginning at 12:00 midnight March 31, and ending at 12:00 midnight September 30:

- A. The on-peak hours are defined as the hours between 1:00 p.m. and 6:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 11:00 a.m. and 1:00 p.m. and between 6:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

II. Service used beginning at 12:00 midnight September 30, and ending at 12:00 midnight March 31:

- A. The on-peak hours are defined as the hours between 6:00 a.m. and 9:00 a.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 9:00 a.m. and noon and between 5:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

III. Off-Peak Holidays:

All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

METERING OF CONSTANT LOADS

Company may use a standard meter, without demand or time of use registration capability, for customers with equipment that supports an expectation of constant operation. In such event, Company is permitted to request Customer to furnish engineering specifications, meter history results, or other evidence to support this decision. The Monthly Rate shall be the sum of (1) the Basic Customer Charge, (2) the Three-Phase Charge, if applicable, (3) the REPS Adjustment, and (4) a kWh Energy Charge of 7.099¢ per kWh. Customer shall notify Company in writing if Customer's equipment or mode of operation changes to no longer support an expectation of constant operation. Company may at any time conduct a test or install a demand meter to monitor the load characteristics and maximum 15-minute demand of Customer's electrical requirement and install a meter with demand and time of use capability, if deemed appropriate, and bill Customer pursuant to the charges stated above in the MONTHLY RATE provision thereafter.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SGS-TOUE-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-3

MEDIUM GENERAL SERVICE
SCHEDULE MGS-42A

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand or a registered or computed demand of 30 kW and greater, but less than 1,000 kW. This Schedule is also available to an existing nonresidential customer if served under the Small General Service Schedule SGS on September 24, 1982 with: (1) a Contract Demand of 1,000 kW or more, until such time as service is terminated, or service is elected under another available schedule; or (2) a Contract Demand below 1,000 kW until such time as the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months or the Customer's Contract Demand is increased to 1,000 kW or more, whereupon this Schedule will no longer be available thereafter.

This Schedule is not available: (1) for residential service; (2) for breakdown, standby, or supplementary service unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (3) for resale service; or (4) for a new customer after September 23, 1982 with a Contract Demand of 1,000 kW or more, or whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months.

MONTHLY RATE

I. For Single-Phase Service:

- A. Customer Charge: \$20.32 per month
- B. Billing Demand: \$5.53 per kW
- C. Kilowatt-Hour Energy Charge:
6.355¢ per kWh for all kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

BILLING DEMAND

The Billing Demand shall be the greater of: (1) the maximum kW registered or computed, by or from the Company's metering facilities, during any 15-minute interval within the current billing month; (2) 80% of the maximum 15-minute demand during the billing months of July through October of the preceding 11 billing months; (3) 60% of the maximum monthly 15-minute demand during the billing months of November through June of the preceding 11 billing months; (4) 75% of the Contract Demand until such time as the Billing Demand first equals or exceeds the effective Contract Demand; or (5) 30 kW.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

- I. That the service supplied shall be for a continuous period until disconnected; and
- II. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule MGS-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-4

SEASONAL OR INTERMITTENT SERVICE
SCHEDULE SI-42A

AVAILABILITY

This Schedule is available for a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, and whose operation is normally seasonal or varies greatly from month to month; whose actual kW demand for at least two consecutive months is less than 30% of the greater of the Contract Demand or maximum demand registered in the preceding 12 months; and whose Contract Demand or registered or computed demand is 30 kW or more.

This Schedule is not available for short-term, construction, temporary, breakdown, standby, or supplementary service or for Contract Demands or loads of less than 30 kW or greater than 100,000 kW.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For those months when service is used:

For Single-Phase Service:

A. \$20.32 Customer Charge

B. Kilowatt-hour Energy Charge:

10.333¢ per kWh for the first 2,000 kWh

8.400¢ per kWh for all additional kWh

For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

II. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

III. A charge will be added to the monthly bill in each of three consecutive months in each contract year to be referred to as facilities charge months. Facilities charge months shall begin with the first month service is taken or as specified in the Service Agreement but shall not begin later than the tenth month of the contract year. The charge to be added during each facilities charge month will be determined as follows:

\$28.45 Customer Seasonal Charge

\$ 1.98 per kW Facilities Charge for each kW of demand registered in the first facilities charge month or the maximum 15-minute registered demand in the previous 11 months or the Contract Demand, whichever is greater.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

REMOVAL OF FACILITIES

If the Customer is not using service or is only partially using service, the Company may, after notice to the Customer, remove any of its transformers and other equipment (other than structures and conductors) or may substitute other equipment for that which is being only partially used by the Customer. In either event, the Company will furnish and install, at its own expense, the same or equivalent equipment, or any needed substitute equipment, at the time the Customer notifies the Company of their desire to resume taking service.

CONTRACT PERIOD

The Contract Period shall not be less than one year, except where the Customer fails to meet the availability requirement of this Schedule.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SI-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-5

SMALL GENERAL SERVICE
(TIME-OF-USE)
SCHEDULE SGS-TOU-42A

AVAILABILITY

This Schedule is available on a voluntary basis for electric service used by a nonresidential customer with an initial Contract Demand of 30 kW or greater but less than 1,000 kW. This Schedule is also available to an existing nonresidential customer with a Contract Demand below 30 kW (1) if service is also received under Net Metering for Renewable Energy Facilities Rider NM or (2) if served under the Small General Service (Time-of-Use) Schedule SGS-TOU before December 1, 2013, until such time as service is terminated or service is elected under another available schedule.

This Schedule is not available: (1) for residential service; (2) for breakdown, standby, or supplementary service, unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (3) for resale service; (4) for new applicants with a Contract Demand below 30 kW on and after December 1, 2013; or (5) whenever the registered or computed demand equals or exceeds 1,000 kW and an increase in the capacity of Company's facilities is required.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Service used during the calendar months of June through September:

A. Basic Customer Charge:

\$29.03

B. kW Demand Charge:

1. \$ 10.62 per kW for all kW of on-peak Billing Demand
2. \$ 1.51 per kW for all off-peak excess Billing Demand

C. kWh Energy Charge:

5.404¢ per on-peak kWh
4.228¢ per off-peak kWh

II. Service used during the calendar months of October through May:

A. Basic Customer Charge:

\$29.03

B. kW Demand Charge:

1. \$8.06 per kW for all kW of on-peak Billing Demand
2. \$1.51 per kW for all off-peak excess Billing Demand

C. kWh Energy Charge:

5.404¢ per on-peak kWh
4.228¢ per off-peak kWh

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.434¢ per kWh, and (4) \$1.51 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year, except where Customer fails to meet the availability requirements of this Schedule. For short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event Customer agrees:

- I. That the service supplied shall be for a continuous period until discontinued; and
- II. That where it is necessary for Company to extend lines, erect transformers, or do any work necessary to supply service, Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SGS-TOU-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-6

CHURCH SERVICE
(TIME-OF-USE)
SCHEDULE CH-TOUE-42A

AVAILABILITY

This schedule is available on a voluntary basis for electric service used by churches with a Contract Demand or a registered or computed demand of 30 kW and greater, but less than 1,000 kW.

This Schedule is not available: (1) for residential service; (2) for short-term, construction, temporary, breakdown, standby, or supplementary service; (3) for resale service; (4) for a Contract Demand of 1,000 kW or more; (5) whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months and an increase in the capacity of Company's facilities is required; (6) whenever the registered or computed demand equals or exceeds 1,500 kW; or (7) for electric service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule.

Company has the right to install, operate, and monitor special equipment to measure Customer's load characteristics.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Service used during the calendar months of June through September:

A. Basic Customer Charge:

\$29.03

B. kWh Energy Charge:

25.414¢ per on-peak kWh

6.142¢ per off-peak kWh

II. For Service used during the calendar months of October through May:

- A. Basic Customer Charge:
\$29.03
- B. kWh Energy Charge:
22.453¢ per on-peak kWh
6.142¢ per off-peak kWh

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.653¢ per kWh and (4) \$1.51 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand registered or computed from Company's metering facilities during the current and preceding 11 billing months.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will also be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessors, the Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule CH-TOUE-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-7

GENERAL SERVICE
(THERMAL ENERGY STORAGE)
SCHEDULE GS-TES-42A

AVAILABILITY

This Schedule is available on a voluntary basis for electric service when used for thermal storage equipment to provide space conditioning requirements by a nonresidential customer with a Contract Demand less than 4,000 kW. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize electrical loads of chillers, boilers, pumps, or fans.

This Schedule is not available: (1) for residential service; (2) for temporary service; (3) for service used for purposes other than thermal storage space conditioning equipment; (4) for breakdown, standby, or supplementary service; (5) for resale service; or (6) for a Contract Demand of 4,000 kW or more.

APPLICABILITY

This Schedule is applicable to electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

For Contract Demands less than 1,000 kW*	\$29.03
For Contract Demands of 1,000 kW or greater	\$154.85

*If the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months, the Basic Customer Charge shall be increased to \$154.85 thereafter.

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand	\$12.41 per kW	\$10.07 per kW
B. Off-Peak Excess Billing Demand	\$1.51 per kW	\$1.51 per kW

III. kWh Energy Charge:

4.261¢ per on-peak kWh
4.020¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.433¢ per kWh, and (4) \$1.51 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 12:00 noon and 8:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule GS-TES-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-8

AGRICULTURAL POST-HARVEST PROCESSING
(EXPERIMENTAL THERMAL ENERGY STORAGE)
SCHEDULE APH-TES-42A

AVAILABILITY

This Schedule is available on an experimental basis for electric service to the first ten customers applying when used by thermal storage equipment installed for the post-harvest processing of fruits and vegetables. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize electrical loads of chillers, boilers, pumps, or fans. The Contract Demand must be less than 1,000 kW.

This Schedule is not available: (1) for service used for purposes other than thermal storage equipment utilized in the processing of fruits and vegetables; (2) for temporary service; (3) for breakdown, standby, or supplementary service; (4) for resale service; (5) for a Contract Demand of 1,000 kW or more; or (6) whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months.

APPLICABILITY

This Schedule is applicable to electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

\$29.03

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand	\$12.41 per kW	\$10.07 per kW
B. Off-Peak Excess Billing Demand	\$ 1.51 per kW	\$1.51 per kW

III. kWh Energy Charge:

4.261¢ per on-peak kWh
4.020¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.433¢ per kWh, and (4) \$1.51 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 12:00 noon and 8:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule APH-TES-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-9

LARGE GENERAL SERVICE
SCHEDULE LGS-42A

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer with either a Contract Demand that equals or exceeds 1,000 kW or whenever the registered or computed demand equals or exceeds 1,000 kW in the preceding 12 months.

This Schedule is not available: (1) for breakdown, standby, or supplementary service unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (2) for resale service; or (3) for any new customer with a Contract Demand in excess of 100,000 kW.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher or the voltage at which Customer was being served on September 24, 1982. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

\$154.85

II. kW Demand Charge:

\$11.91 per kW for the first 5,000 kW of Billing Demand
\$10.94 per kW for the next 5,000 kW of Billing Demand
\$ 9.97 per kW for all over 10,000 kW of Billing Demand

III. kWh Energy Charge:

5.148¢ per kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Transformation Discounts:

When Customer owns the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, the charge per kW of Billing Demand and per kWh will be reduced in accordance with the following:

<u>Transmission Service</u> <u>Transformation Discount</u>	<u>Distribution Service</u> <u>Transformation Discount</u>
\$0.72/kW	\$0.55/kW
\$0.00039/kWh	\$0.00005/kWh

Transmission: For Customer to qualify for the Transmission Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service at the voltage of the 69 kV, 115 kV, or 230 kV transmission line from which Customer received service.

Distribution: For Customer to qualify for the Distribution Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service from the distribution line of 12.47 kV or higher from which Customer receives service. The distribution service source must be from a general distribution line and must be from other than a transmission-to-distribution substation built primarily for Customer's use in order to qualify for the Distribution Service Transformation Discount. A general distribution line is a 12.47 kV or higher voltage distribution line built to serve the general area and not built primarily to serve a specific customer.

Company shall have the option to install high-side metering equipment or low-side metering equipment compensated for Customer-owned transformer and line losses.

Any facilities which Company provides above those which Company would normally have utilized to service Customer's Contract Demand shall be considered as Additional Facilities. Any Company-owned protection system installed when service is directly from Company's 69 kV, 115 kV, or 230 kV transmission system or a distribution line of 12.47 kV or higher shall be considered Additional Facilities.

If changing conditions on Company's electrical system make continuation of the current delivery voltage impractical, Customer shall be responsible for all costs for the conversion beyond the point of delivery except any Company-owned metering equipment. At the time of the conversion, Company reserves the right to provide service at one of its available voltages.

If subsequent changes in the use of Company's facilities occur which cause the reclassification of either transformers or lines, Customer's entitlement to the discount may be changed.

VI. Minimum Bill:

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment plus a charge for 1,000 kW.

BILLING DEMAND

The Billing Demand shall be the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current billing month. However, the Billing Demand shall not be less than the greater of: (1) 80% of the maximum monthly 15-minute demand during the billing months of July through October of the preceding 11 billing months, or (2) 60% of the maximum monthly 15-minute demand during the billing months of November through June of the preceding 11 billing months, or (3) 75% of the Contract Demand until such time as the Billing Demand first equals or exceeds the effective Contract Demand, or (4) 1,000 kW.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.34 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demands used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction or temporary service, the Contract Period may be for the period requested by Customer and in such event Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for Company to extend lines, erect transformers, or do any work necessary to supply service, Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule LGS-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

G-10

LARGE GENERAL SERVICE
(TIME-OF-USE)
SCHEDULE LGS-TOU-42A

AVAILABILITY

This Schedule is available on a voluntary basis for electric service used by a nonresidential customer with either a Contract Demand that equals or exceeds 1,000 kW or whenever the registered or computed demand equals or exceeds 1,000 kW in the preceding 12 months.

This Schedule is not available: (1) for breakdown, standby, or supplementary service, unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (2) for resale service; (3) for short-term or temporary service; or (4) for any new customer with a Contract Demand in excess of 100,000 kW.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher or the voltage at which Customer was being served on September 19, 1983. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:
\$154.85

II. kW Demand Charge:

		<u>Service Rendered During the Calendar Months Of:</u>	
		<u>June through September</u>	<u>October through May</u>
A.	On-Peak Billing Demand:		
	First 5,000 kW of Billing Demand	\$19.61 per kW	\$14.47 per kW
	For the next 5,000 kW of Billing Demand	\$18.64 per kW	\$13.50 per kW
	All over 10,000 kW of Billing Demand	\$17.67 per kW	\$12.54 per kW
B.	All off-peak excess Billing Demand	\$ 1.15 per kW	\$ 1.15 per kW

III. kWh Energy Charge:

4.592¢ per on-peak kWh
4.108¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Transformation Discounts:

When Customer owns the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, the charge per kW of on-peak Billing Demand and per kWh will be reduced in accordance with the following:

<u>Transmission Service</u>	<u>Distribution Service</u>
<u>Transformation Discount</u>	<u>Transformation Discount</u>
\$0.72/kW	\$0.55/kW
\$0.00039/kWh	\$0.00005/kWh

Transmission: For Customer to qualify for the Transmission Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service at the voltage of the 69 kV, 115 kV, or 230 kV transmission line from which Customer received service.

Distribution: For Customer to qualify for the Distribution Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service from the distribution line of 12.47 kV or higher from which Customer receives service. The distribution service source must be from a general distribution line and must be from other than a transmission-to-distribution substation built primarily for Customer's use in order to qualify for the Distribution Service Transformation Discount. A general distribution line is a 12.47 kV or higher voltage distribution line built to serve the general area and not built primarily to serve a specific customer.

Company shall have the option to install high-side metering equipment or low-side metering equipment compensated for Customer-owned transformer and line losses.

Any facilities which Company provides above those which Company would normally have utilized to service Customer's Contract Demand shall be considered as Additional Facilities. Any Company-owned protection system installed when service is directly from Company's 69 kV, 115 kV, or 230 kV transmission system or a distribution line of 12.47 kV or higher shall be considered Additional Facilities.

If changing conditions on Company's electrical system make continuation of the current delivery voltage impractical, Customer shall be responsible for all costs for the conversion beyond the point of delivery except any Company-owned metering equipment. At the time of the conversion, Company reserves the right to provide service at one of its available voltages.

If subsequent changes in the use of Company's facilities occur which cause the reclassification of either transformers or lines, Customer's entitlement to the discount may be changed.

VI. Minimum Bill:

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment plus a charge for 1,000 kW at the off-peak excess demand rate.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed by or from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed by or from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.34 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demand used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

RIDER APPLICATIONS

When this Schedule is used in conjunction with any applicable rider, the charges, if any, as stated in the rider will be adjusted to reflect the on-peak and off-peak periods and on-peak and off-peak charges in this Schedule unless specific and different on-peak and off-peak periods and charges are stated in the rider.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule LGS-TOU-42
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Duke Energy Progress, LLC
(North Carolina Only)

G-11

LARGE GENERAL SERVICE
(REAL TIME PRICING)
SCHEDULE LGS-RTP-42A

AVAILABILITY

This Schedule is available for electric service to a maximum of eighty-five (85) nonresidential Customer accounts with a Contract Demand that equals or exceeds 1,000 kW.

This Schedule is not available: (1) for short-term or temporary service; (2) for electric service in conjunction with Incremental Power Service Rider IPS or Dispatched Power Rider No. 68; (3) for electric service in conjunction with Economic Development Rider ED and Large Load Curtailable Rider LLC, except as provided for in the RTP Base Charge; or (4) for any new Customer with a Contract Demand in excess of 50,000 kW.

Power delivered under this Schedule shall not be used for resale, or as a substitute for power contracted for or which may be contracted for under any other schedule of Company, except at the option of Company, under special terms and conditions expressed in writing in the contract with Customer. Customer shall be required to furnish and maintain a communication link and equipment suitable to support remote reading of Company's meter serving Customer and to support daily receipt of the Hourly Real Time Pricing (RTP) rates. Customer may use emergency or back-up generation to respond to RTP hourly rates without receiving standby service.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the type of service necessary for Customer's requirements will be supplied under this Schedule.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

CUSTOMER BASELINE LOAD (CBL)

Company shall establish a Customer Baseline Load (CBL), expressed in kilowatt-hours, using one complete year of Customer-specific hourly load data that, in Company's opinion, represents Customer's electricity consumption pattern and is typical of Customer's operation for billing under the otherwise applicable tariffs and from which to measure changes in consumption for billing pursuant to this Schedule. For situations in which hourly load data are not available, a CBL will be constructed by Company using load shapes of Customers with similar usage patterns and from relevant information provided by Customer and verified by Company. The initial CBL shall consider verifiable changes in Customer's operation such as (1) installation of permanent energy efficiency measures; (2) permanent removal or addition of Customer's equipment; (3) one-time extraordinary events such as natural disasters; (4) annual plant shutdowns or other random variations in the load patterns; and (5) other on-going changes in demand. The CBL for new Customers will be calculated in the same manner as the CBL for existing Customers. Establishment of a CBL is a precondition for use of this Schedule.

SUBSEQUENT CBL ADJUSTMENT

After the initial CBL is established, it shall only be subject to an adjustment at Customer's request by providing 30-days advance written notice. Any downward adjustment is subject to Company's concurrence and will be consistent with the principles of initial CBL establishment.

CBL CALENDAR MAPPING

To provide Customer with the appropriate CBL for the RTP Service Year, the hourly consumptions established by the CBL shall be calendar-mapped to the corresponding day of the RTP Service Year. Calendar-mapping is a day-matching method to ensure that Mondays are matched to Mondays, holidays to holidays, etc.

The CBL shall be established by first identifying holidays and then grouping the remaining days (i.e., Mondays, Tuesdays, etc.) and averaging over the calendar month to result in hourly consumption for a typical week in each calendar month. The CBL result shall then be adjusted for each calendar month to reflect annual plant shutdowns, holidays, or other known work stoppages during the next RTP Service Year. Calendar-mapping is performed prior to each annual renewal of service under this Schedule after adjustments, if any, are made to the CBL.

MONTHLY RATE

The monthly rate shall consist of the following charges:

I. RTP Administrative Charge:

\$85.17

II. RTP Base Charge:

RTP Base Charge = Monthly Bill for the CBL consumption and monthly billing demand of the current billing month pursuant to the conventional LGS Class tariffs under which Customer either previously received service or would have elected to receive service prior to electing this Schedule. When the conventional tariffs include Economic Development Rider ED or Large Load Curtailable Rider LLC, the provisions of these Riders shall only apply to the CBL usage.

III. RTP Hourly Energy Charge Adjustment:

RTP Hourly Energy Charge = $\Sigma\{\text{Hourly RTP Rate} \times (\text{Hourly Consumption} - \text{CBL Consumption})\}$

where:

Σ = The summation of the RTP charges and credits for each hour of the current billing month.

The Hourly RTP Rate shall be determined based upon the following formula:

Hourly RTP Rate = $(\text{MENERGY} + \text{CAP} + \text{ADDER}) \times (1 + \text{TAXES})$

where:

MENERGY = Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses

CAP	=	Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15
ADDER	=	$\beta \times (\text{Class Rate-Hourly Marginal Cost})$, but not less than zero
where:		
β	=	a fixed value equal to 0.20
Class Rate	=	the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing
Hourly Marginal Cost	=	the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above
TAXES	=	NC Regulatory Fee (currently 0.13%)

IV. Facilities Demand Charge:

per kW of Facilities Demand for service provided from:

Transmission System (voltage of 69 kV or higher) without transformation	\$1.14/kW
Transmission System (voltage of 69 kV or higher) with one transformation	\$1.86/kW
Distribution System (voltage below 69 kV) without transformation	\$2.57/kW
Distribution System (voltage below 69 kV) with one transformation	\$3.12/kW

The kW of Facilities Demand shall be the greater of (1) the Contract Demand or (2) the maximum demand registered or recorded by Company's meter during a 15-minute interval in the current billing month, in excess of the maximum 15-minute billing demand included in the CBL applicable to the current billing month. The Contract Demand used to determine the Facilities Demand shall exclude any Standby Service kW, when applicable.

V. Rider Adjustments:

DSM/EE Incremental Charge = (Actual Consumption – CBL Consumption) X Rider Adjustment

where:

Actual Consumption = kWh consumed during the billing month

CBL Consumption = kWh billed as the CBL during the billing month

Rider Adjustment = Sum of the DSM/EE and DSM/EE EMF rate adjustments during the current billing month

VI. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification -	\$10.66/month
Industrial/Public Authority Classification -	\$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve

in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PROVISION OF STANDBY SERVICE

If service is received under a standby or back-up service tariff prior to service under this Schedule, the use of standby service shall be excluded from initial determination of the CBL. The RTP Base Charge, as set forth in the Monthly Rate provision above, shall include billing of Supplementary Service but shall not include charges related to use of Standby Service. The Monthly Rate provisions of the applicable standby or back-up service tariff shall be calculated assuming no standby or back-up service was used with any actual use of Standby Service being billed pursuant to the RTP Hourly Energy Charge provisions of this Schedule. All other provisions of the applicable standby or back-up service tariff apply.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.34 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demand used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

CUSTOMER RATE NOTIFICATION

Company will notify Customer of the hourly prices via electronic mail, or other method of communications acceptable to Company, by 4 p.m. of the preceding business day. Prices for Saturday, Sunday, and Monday will generally be available on the preceding Friday. For a recognized holiday and the day following the holiday, prices will be available the preceding Company business day. Whenever prices are provided in excess of a day ahead and updated projections would result in significantly different prices, Company reserves the right to issue revised prices provided such prices are conveyed no later than 4 p.m. on the preceding calendar day.

Company is not responsible or liable for Customer's failure to receive and act upon the hourly prices. If Customer does not receive these prices, it is Customer's responsibility to inform Company so that future prices may be supplied.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be monthly and will be automatically renewed unless terminated by either party by giving not less than thirty (30) days written notice of termination.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Where Customer's other source of power is connected electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems. Should Company determine that Customer's facilities are not adequate to protect Company's facilities, Company may install the necessary facilities and Customer shall pay for the additional facilities in accordance with Company's Service Regulations.

Company makes no representation regarding the benefits of Customer subscribing to this Schedule. Customer, in its sole discretion, shall determine the feasibility and benefits of Customer subscribing to this Schedule.

Supersedes Schedule LGS-RTP-42
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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

G-12

CHURCH AND SCHOOL SERVICE
SCHEDULE CSG-42A

AVAILABILITY

This Schedule is available for electric service used in a church plant contracting to pay for service for 12 months in each calendar year when Company does not own equipment, other than meters or metering equipment, on Customer's side of the point of delivery.

This Schedule is also available for electric service used in educational and recreational buildings operated as an educational institution of elementary or high school level provided that no part of the school is used for boarding facilities to accommodate students or faculty members.

This Schedule is not available for service to other types of schools, such as an industrial, vocational or training school; or for service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule; or for breakdown, standby, or supplementary service.

This Schedule is not available for new applications after June 30, 1977. Customer will be billed on this Schedule until Customer requests another available schedule or until Company's review of the preceding 12 months' history indicates the total annual bill on another available schedule would have been equal to or less than billing under this Schedule.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

MONTHLY RATE

I. For Single-Phase Service:

- A. Customer Charge: \$20.32
- B. Kilowatt-hour Energy Charge: 15.723¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

Minimum: The minimum charge shall be the sum of (1) the Customer Charge, (2) the Three-Phase charge, if applicable, (3) the REPS Adjustment, (4) \$2.51 for each kW, and (5) 3.653¢ per kWh. The kW of Demand shall be the greater of (a) the Contract Demand or (b) the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current or preceding 11 billing months.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

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Duke Energy Progress, LLC
(North Carolina Only)

G-13

CHURCH AND SCHOOL SERVICE
SCHEDULE CSE-42A

AVAILABILITY

This Schedule is available when permanently installed electric space heating equipment is the only type of space heating equipment installed in either: (1) all parts of the church plant; (2) in the church sanctuary and pertinent rooms thereto; (3) in all parts of the church plant, except the parts contained in item (2); (4) in a newly constructed church educational building with not less than 50% of the floor area of the existing church plant, excluding the parts contained in item (2); or (5) any separately metered church building comprising a part of the church plant.

This Schedule is also available for electric service used in educational and recreational buildings operated as an educational institution of elementary or high school level when permanently installed electric space heating equipment is the only type of equipment installed for space heating purposes and all installed cooking and water heating equipment is electrical, provided that no part of the school is used for boarding facilities to accommodate students or faculty members.

This Schedule is not available for service to other types of schools, such as an industrial, vocational or training school; or for service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule; or for breakdown, standby, or supplementary service.

This Schedule is not available for new applications after June 30, 1977. Customer will be billed on this Schedule until Customer requests another available schedule or until Company's review of the preceding 12 months' history indicates the total annual bill on another available schedule would have been equal to or less than billing under this Schedule.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the three-phase 4 wire type will be supplied.

MONTHLY RATE

- I. For Single-Phase Service:
 - A. Customer Charge: \$20.32
 - B. Kilowatt-hour Energy Charge: 12.596¢ per kWh

- II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71

Minimum: The minimum charge shall be the sum of (1) the Customer Charge, (2) the Three-Phase Charge, if applicable, (3) the REPS Adjustment, (4) \$2.51 for each kW, and (5) 3.653¢ per kWh. The kW of Demand shall be the greater of (a) the contract demand or (b) the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current or preceding 11 billing months.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule CSE-42

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NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

L-1

TRAFFIC SIGNAL SERVICE
SCHEDULE TSS-42A

AVAILABILITY

This Schedule is available for electric service supplied for the operation and illumination of traffic signals installed along public and private highways where Company has an existing secondary distribution line.

INSTALLATION

The Company, for each signal or group of signals operating from one controller, will make its connection to Customer's service wire at a point one foot below the lowest support, carrying existing 120/240 volt conductors, or the equivalent, on the nearest pole. Customer will furnish, install, and maintain all service wires, fixtures, and other necessary equipment, including lamps and lamp renewals, for the installation and operation of all traffic signals.

TYPE OF SERVICE

Alternating current, 60 hertz, single-phase, 2 wires, 120 volts nominal.

DEFINITIONS

A One-way Signal is a signal with only one face which can be seen from only one approach.

A Multi-Direction Signal is a signal with more than one face each of which can be seen from only one approach.

MONTHLY RATE

I. MONTHLY RATE PER SIGNAL

TYPE OF SIGNAL	With Lamps of 70 Watts or Less(1) <u>Operating for a Maximum Day of</u>		With Lamps of 150 Watts or Less <u>Operating for a Maximum Day of</u>	
	<u>16 Hours/kWh</u>	<u>24 Hours/kWh</u>	<u>16 Hours/kWh</u>	<u>24 Hours/kWh</u>
Blinker Signal with One Lamp.....	\$ 1.62 / 19	\$2.19 / 28	\$2.95 / 33	\$4.10 / 49
One-way Signal with One Lamp.....	2.14 / 35	2.91 / 51	4.34 / 62	6.24 / 92
Two Lamps.....	2.65 / 35	3.50 / 51	5.48 / 62	7.47 / 92
Three Lamps.....	2.80 / 35	3.78 / 51	5.59 / 62	7.70 / 92
Four Lamps.....	3.49 / 50	4.84 / 75	7.65 / 91	10.56 / 135
Five Lamps (2).....	2.80 / 35	3.78 / 51	5.59 / 62	7.70 / 92

(1) When a customer elects to install a lamp of 120 watts or less, in lieu of 70 watts or less, in the red cycle of a One-way Signal with two or more lamps, then the rates for all One-way Signals with two, three, or four lamps will be increased by \$0.81 and \$1.02, respectively, for 16 hours and 24 hours of operation.

(2) Used as indicating signals for a turning lane of traffic.

II. Multi-Direction Signal

The rate for a Multi-Direction Signal is the sum of the applicable One-way Signal rate for each face of the Multi-Direction Signal.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum: The amount computed under the above rates but not less than \$16.45 plus the REPS Adjustment.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule TSS-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

L-2

TRAFFIC SIGNAL SERVICE (METERED)
SCHEDULE TFS-42A

AVAILABILITY

This Schedule is available for electric service supplied solely for the operation and illumination of traffic signals installed along public and private highways.

INSTALLATION

The Company, for each signal or group of signals operating from one controller, will make its connection to Customer's service wire at a point where Company's conductors may be conveniently extended and terminated. Customer will furnish, install, and maintain all service wires, fixtures, and other necessary equipment, including lamps and lamp renewals, for the installation and operation of all traffic signals.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. For the cost to bill and provide facilities necessary to support consumption of electricity:

\$16.45 Customer Charge

B. For the cost of electricity consumed:

Kilowatt-Hour Energy Charge: 6.498¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule TFS-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

L-3

AREA LIGHTING SERVICE
SCHEDULE ALS-42B

AVAILABILITY

This Schedule is available for service supplied in the lighting of outdoor areas, private streets, and private driveways by means of mercury vapor, metal halide, sodium vapor lighting, and light emitting diode units. Lighting units will be bracket-mounted on Company-owned poles, and the mercury vapor lamps will be color-corrected.

This Schedule is not available for the lighting of dedicated streets or highways.

SERVICE

Prior to installing area lighting facilities, Customer and Company must enter into an agreement for Area Lighting Service. The service supplied by Company will include the installation and operation, according to Company standards and requirements, of the area lighting units and will include the furnishing of electricity required for the illumination of the lamps from dusk to dawn. After Customer has notified Company that a lamp is not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The lumen rating of the lighting units listed under the MONTHLY RATE indicates the class of lamp.

MONTHLY RATE

I. Overhead Service

Basic Rate: The basic rate per fixture defined below will be billed for installations of standard area lighting fixtures installed on Company's system distribution poles. The basic rate does not include the monthly charges for additional facilities, area lighting poles, underground service, Masterpiece Series Standard Facilities, or any contribution required under this Schedule.

	Monthly Charge Per Fixture	Monthly kWh Per Fixture
<u>Light Emitting Diode Units</u>		
LED 50	\$7.39	18
LED 50 floodlight	10.89	18
LED 75	7.53	25
LED 105	9.18	35
LED 130 floodlight	21.82	44
LED 150	11.67	54
LED 215	14.22	73
LED 260 floodlight	39.65	88
LED 280	15.88	101
LED 420	38.85	142
LED 530	47.13	179
<u>Sodium Vapor Units</u>		
9,500 lumen	\$10.15	46
16,000 lumen	11.82	59
28,500 lumen	14.07	109
50,000 lumen	19.47	152
50,000 lumen floodlight	21.88	168

	Monthly Charge Per Fixture	Monthly kWh Per Fixture
<u>Lighting Fixtures - No Longer Available to New Applicants</u>		
5,800 lumen (Sodium Vapor) ¹	\$ 6.37	29
9,000 lumen (Metal Halide) ²	12.13	41
7,000 lumen semi-enclosed (Mercury Vapor) ¹	7.47	69
7,000 lumen (Mercury Vapor) ¹	8.77	69
12,000 lumen (Retrofit Sodium Vapor) ¹	11.39	59
20,000 lumen (Metal Halide) ²	17.19	94
21,000 lumen (Mercury Vapor) ¹	13.45	149
21,000 lumen flood (Mercury Vapor) ¹	16.72	160
22,000 lumen (Sodium Vapor) ²	12.42	86
33,000 lumen (Metal Halide) ²	22.21	133
38,000 lumen (Retrofit Sodium Vapor) ¹	16.04	135
40,000 lumen (Metal Halide) ²	23.06	160
60,000 lumen (Mercury Vapor) ¹	25.94	382
60,000 lumen floodlight (Mercury Vapor) ¹	28.62	382
110,000 lumen (Metal Halide) ²	42.81	370

¹ Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the lamp, photocell, fixture or ballast or earlier pursuant to Commission Rule R8-47, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Mercury vapor fixtures shall also be replaced, prior to failure, upon Customer's request.

² Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the fixture or ballast, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Fixtures shall also be replaced, prior to failure, upon Customer's request.

Restricted Lumen Classification	Default Replacement Classification*
5,800 lumen HPS	LED 50
7,000 lumen MV	LED 50
9,000 lumen MH	LED 50
12,000 lumen RSV	LED 50
20,000 lumen MH	LED 150
21,000 lumen MV	LED 150
22,000 lumen HPS	LED 150
33,000 lumen MH	LED 205
38,000 lumen RSV	LED 215
40,000 lumen MH	LED 205
60,000 lumen MV	LED 280
110,000 lumen MH	LED 530

* Whenever a comparable LED fixture is available, an LED fixture shall be installed; otherwise, the default fixture will be a comparable sodium vapor source.

II. Overhead Service to Light Emitting Diode (LED) Lighting

The rate per fixture defined below will be billed for installations of DEP-approved lighting fixtures installed on Company's system distribution poles. Upon notification by Customer that 35% or greater of the light emitting diodes contained within the fixture are not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The rate does not include the monthly charges for additional facilities, special lighting poles or posts, underground service, or any contribution required under this Schedule.

LED Rate (Standard Offer):

	<u>Monthly Charge Per</u>	<u>Monthly kWh Per</u>
<u>Fixture</u>	<u>Fixture*</u>	<u>Fixture</u>
LED 75	\$5.68 ¹	25
LED 105	8.15 ¹	35
LED 215	11.53 ¹	73
LED 205 Site Lighter	11.66	69

* In addition to the Rate, Customer shall pay a monthly charge of 1.3% times the cost difference between the estimated installed cost of a DEP-approved fixture and the LED fixture cost allowance for the stated lumen category in accordance with the ADDITIONAL FACILITIES paragraph below. The monthly charge shall not be less than zero.

¹ The LED 75, LED 105, and LED 215 are not available to new installations under the Standard Option effective September 15, 2014.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification -	\$1.29/month
Commercial/Governmental Classification -	\$10.66/month
Industrial/Public Authority Classification -	\$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Underground Service

For underground service, the monthly bill will be increased by \$3.37 per pole or, in lieu thereof, a one-time contribution of \$521.00 per pole. The monthly pole charge, if selected, may be terminated at any time upon payment by Customer of the one-time contribution. The monthly pole charge defined below will also be applicable to underground service.

V. Special Area Lighting Poles and Posts

A special area lighting pole or post is any Company-owned pole or post, except those installed under Additional Facilities Item IV. below, installed as a part of an area lighting system and on which no other Company overhead distribution facilities are installed except those necessary to provide service to an area lighting system or a pole or post installed as a part of a Company-owned underground area lighting system.

	<u>Monthly Charge</u>
	<u>Per Pole or Post</u>
Wood	\$2.05
Metal*, Fiberglass, or Post	4.87
12-Foot Smooth Concrete Post**	9.49
16-Foot Smooth Concrete Post**	10.44
Decorative Square Metal	10.44
13-Foot Fluted Concrete Post**	14.25
Decorative Aluminum 12-Foot Post	17.09
Decorative 35- or 39-Foot Tapered Metal Pole	27.14

* Metal will be installed in locations where fiberglass cannot be used as determined by Company.

** Concrete posts will not be available for new installations on and after August 1, 2007. Concrete posts or similar material posts, as determined by Company, will be offered in accordance with the Additional Facilities paragraph.

V. Masterpiece Series Standard Facilities

Masterpiece Series Standard Facilities are deluxe decorative fixtures, posts, and brackets that are normally maintained in inventory by Company to meet the lighting needs of customers. The initial Contract Period for All Masterpiece Series facilities is 10 years. The MONTHLY RATE for Masterpiece Series Standard Facilities is as follows:

Masterpiece Series Fixtures: In addition to the MONTHLY RATE, Item I., for a 9,000 or 9,500 lumen fixture, Customer pays:

Masterpiece Series A Fixture	\$ 2.90
Masterpiece Series B Fixture	\$ 4.84

Masterpiece Series Decorative Posts:

Masterpiece Series A 12-Foot decorative metal post	\$17.09
Masterpiece Series A 16-Foot decorative metal post	\$20.89

Masterpiece Series Bracket:

Masterpiece Series A Twin Mounting Bracket	\$ 7.26
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ADDITIONAL FACILITIES

In addition to the MONTHLY RATE, Customer shall pay a monthly facilities charge when facilities are requested that exceed facilities normally supplied by Company to render lighting service. Customer shall pay a Monthly Facilities Charge of 1.3 percent of the estimated original installed cost of the Special Facilities. In lieu of the Monthly Facilities Charge of 1.3 percent, Customer may elect to make a nonrefundable contribution of the cost of the Special Facilities and shall pay a Monthly Facilities Charge of 0.5 percent of the estimated original installed cost of the special facilities thereafter, except as provided below. Special Facilities that are considered to be above normal include, but are not limited to, the following:

- I. Upon Company review and approval, multiple lighting fixtures may be installed per pole. Special facilities shall be considered as the estimated installed cost of the facilities necessary to serve the multiple fixture installation in excess of that normally required to provide standard area lighting service.
- II. Special facilities shall include any distribution transformer and/or primary conductor extension.
- III. For a work request installing an underground circuit, special facilities shall include any conductor length in excess of an average of 250 feet per span. Customer may elect to make a nonrefundable contribution of the estimated installed cost of an underground circuit deemed to be Special facilities without being required to pay a monthly facilities charge.
- IV. Special Facilities shall include special nonstandard poles and posts not listed above in MONTHLY RATE.
- V. For nonstandard fixtures not included in the MONTHLY RATE provision above, the monthly charge will be the charge in accordance with the MONTHLY RATE and the Special Facilities shall be the difference between the estimated installed cost of the nonstandard fixture and the estimated installed cost of the equivalent standard fixture.
- VI. The cost of a bracket or mast arm in excess of the standard facilities for a given fixture type shall be considered as Special Facilities.

NONREFUNDABLE CONTRIBUTION

- I. In the event that rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, Customer will contribute the additional cost except when the Service Extension Provision as stated below is applicable.

- II. Customer will contribute the estimated cost of installing cables under paved or landscaped surface areas; however, Customer may cut and replace the pavement or surface in lieu of making the contribution.
- III. Service supplied under the MONTHLY RATE in this Schedule does not include the conversion of existing overhead secondary conductors to underground. Should Customer desire such a conversion under this Schedule, Customer will contribute to Company, in addition to the applicable contributions above, the estimated net loss in salvage value of the overhead facilities being removed. The Customer will thereafter pay the applicable rate for underground service.

SERVICE EXTENSIONS

The installation of lighting fixtures or poles shall be in a location that is readily accessible by a Company truck to support installation and maintenance of Company facilities.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The initial Contract Period for lighting units shall be one of the following:

- (a) One year when the lighting unit will be mounted on Company's existing distribution pole (excluding temporary service poles), no more than one additional span of overhead secondary conductor is required, and no additional facilities are required;
- (b) Three years for overhead service other than those which comply with the one-year term provisions, and (d) or (e) does not apply; or
- (c) Five years for underground service (includes all LED site lighter and shoe-box fixtures); or
- (d) Ten years for service to all Masterpiece Series facilities, LED facilities (only if installed under the Rate plus a monthly charge option, excluding the LED site lighter and shoe-box fixtures), and for service utilizing fixtures, poles, and posts determined by Company as Special Order nonstandard; or
- (e) Twenty years for service utilizing fixtures, poles, and posts determined by Company as Custom Design nonstandard.
- (f) For temporary lighting facilities, the Customer shall pay the total estimated installed cost plus removal cost minus salvage value of the facilities installed to provide such service in lieu of a Contract Period.

The Contract Period shall extend from year to year thereafter until terminated by Customer or Company. Customer may terminate the Agreement before the expiration of the initial Contract Period by paying to Company a sum of money equal to 40% of the bills which otherwise would have been rendered for the unexpired months of the initial Contract Period.

Company may require Customer to initially make a termination deposit which will not exceed the termination amount computed in accordance with the above paragraph. Such termination deposit will be refunded in equal amounts at the end of each full year service is rendered. This annual refund will be the termination deposit divided by the number of years in the Contract Period.

GENERAL

Service rendered under this Schedule is subject to the provisions of Company's Service Regulations filed with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule ALS-42A
Effective for service rendered on and after May 2, 2017
NCUC Docket No. E-2, Sub 1041

Duke Energy Progress, LLC
(North Carolina Only)

L-4

STREET LIGHTING SERVICE
SCHEDULE SLS-42B

AVAILABILITY

This Schedule is available for service supplied in the lighting of dedicated public streets, highways, municipally owned and operated public parking lots, and municipally owned and operated public parks by lighting fixtures mounted on Company-owned poles or government-owned traffic signal poles. This Schedule is also available for continuous service to other installations which were being served on April 1, 1973, under superseded Schedules SL-1G and SL-2C.

SERVICE

The service supplied by Company will include the installation of a street lighting system, according to Company's standards and requirements, which will be owned, maintained, and operated by Company, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. The lumen ratings of lighting units listed under the MONTHLY RATE indicate the general class of lamp.

MONTHLY RATE

I. Overhead Service

Basic Rate: The basic rate per fixture defined below will be billed for installations of standard street lighting fixtures. The basic rate does not include the monthly charges for additional facilities, street lighting poles, underground service, Masterpiece Series Standard Facilities, or any contribution required under this Schedule and under the Street Lighting Service Regulations.

	Monthly Charge Per Fixture	Monthly kWh Per Fixture
<u>Light Emitting Diode Units</u>		
LED 50	\$7.39	18
LED 75	7.53	25
LED 105	9.18	35
LED 150	11.67	54
LED 215	14.22	73
LED 280	15.88	101
LED 420	38.85	142
LED 530	47.13	179
<u>Sodium Vapor</u>		
9,500 lumen	\$ 8.59	46
16,000 lumen	11.52	59
28,500 lumen	14.32	109
50,000 lumen	16.63	152
<u>Lighting Fixtures - No Longer Available to New Applicants</u>		
5,800 lumen (sodium vapor) ¹	\$ 6.35	29
7,000 lumen semi-enclosed (mercury vapor) ¹	7.91	69
7,000 lumen (mercury vapor) ¹	8.61	69
9,000 lumen (metal halide) ²	11.47	41
12,000 lumen (Retrofit Sodium Vapor) ¹	9.85	59
20,000 lumen (metal halide) ²	16.39	94
21,000 lumen (mercury vapor) ¹	12.88	149
22,000 lumen (Sodium Vapor) ²	12.10	86
33,000 lumen (metal halide) ²	21.16	133
38,000 lumen (Retrofit Sodium Vapor) ¹	14.22	135
40,000 lumen (metal halide) ²	22.04	160
60,000 lumen (mercury vapor) ¹	25.56	382
110,000 lumen (metal halide) ²	41.44	370

¹ Not available for new installations. For all fixtures other than Masterpiece, non-standard or custom design, upon failure of the lamp, photocell, fixture or ballast, or earlier pursuant to Commission Rule R8-47, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Mercury vapor fixtures shall also be replaced, prior to failure, upon Customer's request.

² Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the fixture or ballast, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Fixtures shall also be replaced, prior to failure, upon Customer's request.

Restricted Lumen Classification	Default Replacement Classification*
5,800 lumen HPS	LED 50
7,000 lumen MV	LED 50
9,000 lumen MH	LED 50
12,000 lumen RSV	LED 50
20,000 lumen MH	LED 150
21,000 lumen MV	LED 150
22,000 lumen HPS	LED 150
33,000 lumen MH	LED 205
38,000 lumen RSV	LED 215
40,000 lumen MH	LED 205
60,000 lumen MV	LED 280
110,000 lumen MH	LED 530

* Whenever a comparable LED fixture is available, an LED fixture shall be installed; otherwise, the default fixture will be a comparable high pressure sodium source.

II. Overhead Service to Light Emitting Diode (LED) Lighting

The rate per fixture defined below will be billed for installations of DEP-approved lighting fixtures installed on Company's system distribution poles. Upon notification by Customer that 35% or greater of the light emitting diodes contained within the fixture are not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The rate does not include the monthly charges for additional facilities, special lighting poles or posts, underground service, or any contribution required under this Schedule.

A. LED Rate (Standard Option):

<u>Fixture</u>	<u>Monthly Charge Per</u>	<u>Monthly kWh Per</u>
	<u>Fixture*</u>	<u>Fixture</u>
LED 75	\$5.68 ¹	25
LED 105	8.15 ¹	35
LED 215	11.53 ¹	73
LED 205 Site Lighter	11.66	69

* In addition to the Rate, Customer shall pay a monthly charge of 1.3% times the cost difference between the estimated installed cost of a DEP-approved fixture and the LED fixture cost allowance for the stated lumen category in accordance with the ADDITIONAL FACILITIES paragraph below. The monthly charge shall not be less than zero.

¹ The LED 75, LED 105, and LED 215 are not available to new installations under the Standard Option effective September 15, 2014.

- B. LED Rate (Customer-Ownership Option): The Customer-Ownership Option is not available for new installations effective September 15, 2014. Customer with existing installations installed prior to this date shall provide a DEP-approved LED fixture at no cost to Company for installation on Company's system distribution poles. Customer retains full ownership of the fixture and after removal from service will be picked up by the Customer.

The rate defined below will be billed for installation, operation and maintenance of Customer-owned lighting fixture. Customer shall provide a replacement fixture, if required, to maintain the lighting service.

<u>Fixture</u>	<u>Monthly Charge Per Fixture</u>	<u>Monthly kWh Per Fixture</u>
LED 75	\$4.88	25
LED 105	5.12	35
LED 215	5.90	73
LED 205 Site Lighter	5.82	69

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include an REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Underground Service

For underground service, the monthly bill will be increased by \$3.37 per pole, or in lieu thereof, a one-time contribution of \$521.00 per pole. The monthly charge, if selected, may be terminated at any time upon payment by Customer of the one-time contribution. The monthly pole charge defined below will also be applicable to underground service.

V. Special Street Lighting Poles and Posts

	<u>Monthly Charge Per Pole or Post</u>
Wood	\$ 1.55
Metal*, Fiberglass, or Post	2.71
12-Foot Smooth Concrete Post**	9.49
Decorative Square Metal	11.25
16-Foot Smooth Concrete Post**	10.44
13-Foot Fluted Concrete Post**	14.25
Decorative Aluminum 12-Foot Post	17.09
Decorative 35- or 39-Foot Tapered Metal Pole	27.14
System Metal	0.93

* Metal will be installed in locations where fiberglass cannot be used as determined by Company.

** Concrete posts will not be available for new installations on and after August 1, 2007. Concrete posts or similar material posts, as determined by Company, will be offered in accordance with the Additional Facilities paragraph.

VI. Masterpiece Series Standard Facilities

Masterpiece Series Standard Facilities are deluxe decorative fixtures, posts, and brackets that are normally maintained in inventory by Company to meet the lighting needs of customers. The MONTHLY RATE for Masterpiece Series Standard Facilities is as follows:

Masterpiece Series Fixtures: In addition to the MONTHLY RATE Item I, for a 9,000 or 9,500 lumen fixture, Customer pays:

Masterpiece Series A Fixture	\$ 2.90
Masterpiece Series B Fixture	\$ 4.84

Masterpiece Series Decorative Posts:

Masterpiece Series A 12-Foot decorative metal post	\$17.09
Masterpiece Series A 16-Foot decorative metal post	\$20.89

Masterpiece Series Bracket:

Masterpiece Series A Twin Mounting Bracket	\$7.26
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ADDITIONAL FACILITIES

In addition to the MONTHLY RATE, Customer shall pay a monthly facilities charge when facilities are requested that exceed facilities normally supplied by Company to render lighting service. Customer shall pay a Monthly Facilities Charge of 1.3 percent of the estimated original installed cost of the Special Facilities. In lieu of the Monthly Facilities Charge of 1.3 percent, Customer may elect to make a nonrefundable contribution of the cost of the Special Facilities and shall pay a Monthly Facilities Charge of 0.5 percent of the estimated original installed cost of the special facilities thereafter, except as provided below. Special Facilities that are considered to be above normal include, but are not limited to, the following:

- I. Upon Company review and approval, multiple lighting fixtures may be installed per pole. Special facilities shall be considered as the estimated installed cost of the facilities necessary to serve the multiple fixture installation in excess of that normally required to provide standard area lighting service.
- II. Special facilities shall include any distribution transformer and/or primary conductor extension.
- III. For a work request installing an underground circuit, special facilities shall include any conductor length in excess of an average of 250 feet per span. Customer may elect to make a nonrefundable contribution of the estimated installed cost of an underground circuit deemed to be Special facilities without being required to pay a monthly facilities charge.
- IV. Special Facilities shall include special nonstandard poles and posts not listed above in MONTHLY RATE.
- V. For nonstandard fixtures not included in the MONTHLY RATE provision above, the monthly charge will be the charge in accordance with the MONTHLY RATE and the Special Facilities shall be the difference between the estimated installed cost of the nonstandard fixture and the estimated installed cost of the equivalent standard fixture.
- VI. The cost of a bracket or mast arm in excess of the standard facilities for a given fixture type shall be considered as Special Facilities.

NONREFUNDABLE CONTRIBUTION

- I. In the event that rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, Customer will contribute the additional cost except when the Service Extension Provision as stated below is applicable.

- II. Customer will contribute the estimated cost of installing cables under paved or landscaped surface areas; however, Customer may cut and replace the pavement or surface in lieu of making the contribution.
- III. Service supplied under the MONTHLY RATE in this Schedule does not include the conversion of existing overhead street lighting circuits to underground. Should Customer desire such a conversion under this Schedule, Customer will pay to Company, in addition to the applicable contribution and charges herein, the estimated net investment depreciated, plus removal cost, less salvage value of the overhead conductor being removed.

SERVICE EXTENSION

The installation of lighting fixtures or poles shall be in a location that is readily accessible by a Company truck to support installation and maintenance of Company facilities.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than the following:

- (a) Ten years for standard and Masterpiece Series standard fixtures, poles, and posts, and
- (b) Twenty years for service utilizing fixtures, poles, and posts determined by Company as nonstandard or custom-designed.

GENERAL

Service rendered under this Schedule is subject to the provisions of Company's Street Lighting Service Regulations filed with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SLS-42A
Effective for service rendered on and after May 2, 2017
NCUC Docket No. E-2, Sub 1041

Duke Energy Progress, LLC
(North Carolina Only)

L-5

STREET LIGHTING SERVICE SCHEDULE SLR-42A
(RESIDENTIAL SUBDIVISIONS AND NEIGHBORHOODS)

AVAILABILITY

This Schedule is available for service supplied in the lighting of residential dedicated public streets by means of mercury vapor, light emitting diode or sodium vapor lighting units installed within residential subdivisions or neighborhoods, consisting of single or duplex dwelling units, located (1) outside the corporate limits of a municipality at the time of the installation or (2) inside the corporate limits of a municipality when the area served was subsequently annexed by the municipality after lighting service was first established. This Schedule is also available inside a municipality jointly served by a municipal-owned electric utility when the municipality approves a regulation or ordinance requiring its residents to individually pay for lighting service. The street lighting must conform to the installations set forth in the Monthly Rate paragraph.

This Schedule is not available to supply service for the lighting of parking lots, shopping centers, other public or commercial areas within the residential subdivision or neighborhood, or areas not specifically provided for by the provisions herein.

SERVICE

The service supplied by Company will include the installation of a street lighting system, according to Company's standards and requirements, which will be owned, maintained, and operated by Company, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. Lighting units will be located by Company to provide the most uniform lighting possible in the residential area. The lumen ratings of the lighting units furnished under the Monthly Rate indicate the class of lamp.

MONTHLY RATE

The following amount will be added to each monthly bill rendered for residential electric service within the subdivision or neighborhood:

	Monthly Charge <u>Per Customer</u>
OVERHEAD DISTRIBUTION AREA:	
Bracket-mounted, enclosed luminaire on approved wood pole:	
1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	\$1.09
LED 50 light emitting diode	0.92
1 light per 5 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	2.18
LED 50 light emitting diode	1.84
1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.57
LED 50 light emitting diode	3.01
UNDERGROUND DISTRIBUTION AREA:	
Bracket-mounted, enclosed luminaire on approved wood pole:	
1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	1.55
LED 50 light emitting diode	1.33

1 light per 5 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.11
LED 50 light emitting diode	2.67
1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	5.12
LED 50 light emitting diode	4.39

Bracket-mounted, enclosed luminaire on standard fiberglass or metal* pole or approved direct burial post:

1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	1.78
LED 50 light emitting diode	1.55
LED 50 light emitting diode (post-top fixture)	1.93
1 light per 6 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	2.96
LED 50 light emitting diode	2.59
LED 50 light emitting diode (post-top fixture)	3.22
1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	5.87
LED 50 light emitting diode	5.11
LED 50 light emitting diode (post-top fixture)	6.35

*Metal will be installed in locations where fiberglass cannot be used as determined by Company on or after January 15, 1997.

Mercury vapor units converted before September 19, 1983, to 12,000 lumen retrofit sodium vapor units, add to mercury vapor prices:

If 1 light per 10 customers:	0.15
If 1 light per 5 customers:	0.29
If 1 light per 6 customers:	0.24

¹ Mercury vapor or retrofit sodium vapor fixtures are not available to new installations. Upon failure of the lamp, fixture or ballast or earlier pursuant to Commission Rule R8-47, these fixtures shall be replaced at no charge with a comparable LED 50 fixture. When a comparable LED fixture isn't available, a comparable sodium vapor fixture shall be installed.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ANNEXATION CONSIDERATIONS

- I. If any of the following conditions exist, the developer of the subdivision or neighborhood will be required to obtain from the municipal governing agency its written approval of the street lighting service being provided under this Schedule and the number and location of the lights to be installed:
 - A. The subdivision or neighborhood abuts a boundary of the municipality.
 - B. It is known that the subdivision or neighborhood will be annexed into the municipality.
 - C. The municipal governing agency has enacted a subdivision or neighborhood control ordinance which applies to the subdivision or neighborhood or any portion thereof.

- II. If the subdivision or neighborhood is subsequently annexed and the municipality accepts the street lighting under a street lighting service contract on the rate for the equivalent lighting unit, the following will apply:
- A. Overhead Distribution: If the municipality accepts the street lighting service under Street Lighting Service Schedule SLS, no monthly customer charge will be applied to the subdivision or neighborhood residents.
- B. Underground Distribution: If the municipality accepts the street lighting service under Street Lighting Service Schedule SLS and agrees to pay the contribution under the schedule for the street lighting system, no monthly customer charge will be applied to the subdivision or neighborhood residents. If the municipality accepts the street lighting service but does not agree to pay the contribution for the underground system, the monthly customer charges will be reduced according to the following schedule:

Lights per Customer	Pole type	Monthly Customer Charge		
		7,000 lumen	9,500 lumen	LED 50
1 light per 10	Wood	\$0.30	\$0.41	\$0.38
1 light per 10	Post, Fiberglass or Metal	\$0.36	\$0.50	\$0.40
1 light per 5	Wood	\$0.56	\$0.75	\$0.76
1 light per 6	Post, Fiberglass or Metal	\$0.61	\$0.86	\$0.67
1 light per 3	Wood	\$0.66	\$0.90	\$1.26
1 light per 3	Post, Fiberglass or Metal	\$0.71	\$1.01	\$1.33

The retrofit 12,000 Lumen Sodium Vapor units will be reduced to the corresponding reduced 7,000 Lumen Mercury Vapor Monthly Customer Charge.

- III. If the subdivision or neighborhood is subsequently annexed and the municipality does not accept the installed street lighting under a street lighting service contract, the service will be provided under this Schedule with the applicable monthly charges. If the municipality initially accepts the installed street lighting under a street lighting service contract and subsequently terminates such lighting service contract, the service will be provided under this Schedule only upon approval of an authorizing ordinance requiring the municipal residents to pay the applicable monthly charges.

NONREFUNDABLE CONTRIBUTION

Normally, a contribution will not be required for service under this Schedule. Company will require a nonrefundable contribution from the developer under the following conditions:

- I. Unusual Circumstances: In the event rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, the developer will contribute the additional cost incurred thereby.
- II. Paved Areas: If Company has to install any portion of the street lighting system under existing paved areas, the developer will either cut and replace the pavement or contribute to Company the additional cost incurred to install its facilities under the paved area.
- III. Excess Circuitry: When any lighting unit is located so that the span of underground cable necessary to serve such unit exceeds 250 feet, the developer will contribute the sum of the estimated installed costs of all such overages within the subdivision or neighborhood.

EXISTING SUBDIVISIONS OR NEIGHBORHOODS

Street lighting service under this Schedule will be available in existing residential subdivisions or neighborhoods not previously receiving lighting service provided either Company receives a petition requesting this service signed by all the owners of residential lots within the subdivision or neighborhood or a municipality requests this service and approves an ordinance requiring residents to pay the applicable monthly charges. When the electrical distribution system within the subdivision or neighborhood is installed underground, the persons requesting the installation of the street lighting system will pay to

Company, in addition to any contribution required above, a nonrefundable contribution equal to the cost of trenching and backfilling necessary for the installation of the street lighting system. If a contribution is required under Excess Circuitry, that portion of trenching and backfilling included in such contribution will be excluded from the preceding requirement. Re-landscaping of the area necessary due to the installation of the street lighting system will be the responsibility of the residents within the subdivision or neighborhood. The appropriate monthly charge as set forth above will be applied to the monthly billings of all residents in the subdivision or neighborhood.

CONVERSION OF EXISTING LIGHTING SYSTEM

Street lighting installed pursuant to this schedule is subject to conversion upon request of an Applicant under the conditions stated below. An Applicant is a duly authorized representative of customers served under this Schedule with the authority to seek changes to the lighting system.

- I. Upon request of an Applicant, the street lighting may be converted to a different light type, light source or installation density provided all of the following conditions are met:
 - A. Applicant requesting a change in the street lighting system must submit a petition signed by all the owners of residential lots within the subdivision or neighborhood requesting the revised lighting service.
 - B. If the current lighting has been installed fewer than 20 years, Applicant must submit a payment of \$50 per fixture for fixture conversions on existing poles or \$500 per fixture if the change also involves a pole or post. If the change requires a redesign of the system layout, Applicant shall also pay any required Nonrefundable Contribution, as described in the above paragraph.
 - C. The converted lighting system must conform to the options offered under this Schedule and must be applicable to all lighting within the subdivision or neighborhood.
 - D. The new monthly rate shall apply immediately following completion of the revised lighting installation.
- II. Upon request of a Homeowners Association or other legal entity representing the interest of residents served under this Schedule, the street lighting may be converted to service under Street Lighting Service Schedule SLS provided all of the following conditions are met:
 - A. The Applicant must demonstrate legal authority to represent the interests of all land-owners within the subdivision or neighborhood. Absent this demonstration, the Applicant must submit a petition signed by all the owners of residential lots within the subdivision or neighborhood requesting conversion to Schedule SLS.
 - B. The Applicant must execute an Agreement for lighting service under Schedule SLS. The Agreement shall include a statement by the Applicant verifying that all residential land owners will be notified in writing prior to the conversion to lighting service under Schedule SLS and transfer of the lighting responsibilities to the Applicant. The Agreement shall also include a statement by the Applicant verifying that once service is established under Schedule SLS, the Applicant shall also be required to notify land owners in writing of any future changes to the lighting system including, but not limited to, potential disconnection of the lighting service due to nonpayment or termination of service.
 - C. The Applicant must demonstrate credit-worthiness or provide a deposit satisfactory to Company in case of default.
 - D. Following conversion of the street lighting to Schedule SLS, any change in the light type, light source or lighting design shall be made pursuant to the Street Lighting Service Regulations.

PAYMENTS

The monthly charges set forth under this Schedule will be billed in conjunction with the normal bill for residential service. The total of the bill so rendered shall be subject to the terms and conditions of the Service Regulations approved and on file with the state regulatory commission. Failure to pay the total bill rendered when due and payable shall constitute a failure to pay the bill for residential service.

CONTRACT PERIOD

The applicable monthly charge set forth in this Schedule shall be applied to the monthly billings of all residents in the subdivision or neighborhood as long as street lighting service is provided under any of the conditions as set out herein.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SLR-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

L-6

SPORTS FIELD LIGHTING
SCHEDULE SFLS-42A

AVAILABILITY

This Schedule is available for electric service used for lighting specifically designed for outdoor fields which are normally used for football, baseball, softball, tennis, races, and other organized competitive sports.

This Schedule is not available for breakdown, standby, supplementary, or resale service.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 wires, or three-phase 3 or 4 wires, at Company's standard distribution voltage available for the area or the voltage at which an installation was served on December 1, 1973.

EXTENSION OF FACILITIES

Company will make the type of service agreed upon available to Customer, provided Customer will pay to Company the total estimated cost of extending or increasing the capacity of Company's facilities located on Company's side of the point of delivery, exclusive of the material cost of transformers and the entire cost of the meter installation.

MONTHLY RATE

I. For Single-Phase Service:

- | | |
|---------------------------------|----------------|
| A. Basic Customer Charge | \$20.32 |
| B. Billing Demand: | \$1.33 per kW |
| C. Kilowatt-hour Energy Charge: | 4.526¢ per kWh |

II. For Three-Phase Service:

The bill computed for single-phase service plus \$8.71.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

BILLING DEMAND

The Billing Demand shall be the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current billing month, but not less than the maximum kW previously registered during the current season (period of continuous connection).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

BILLING

The billing to Customer will be continuous from the beginning to the end of each complete season or period of special use, and service will not be disconnected until the end of each complete season or period of special use. If the season or period of use is for less than 30 consecutive days, Customer will be billed the estimated cost of connecting and disconnecting service, which estimated cost shall not be less than \$17.00.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one month, unless Customer agrees to pay the estimated cost of connection and disconnection, which estimated cost shall be \$16.45.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SFLS-42
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

RR-1

ANNUAL BILLING ADJUSTMENTS
RIDER BA-14

APPLICABILITY – RATES INCLUDED IN TARIFF CHARGES

The rates shown below are included in the MONTHLY RATE provision in each schedule identified in the table below:

Billing Adjustment Factors (¢/kWh)*					
Rate Class	Fuel and Fuel-Related Adjustment		DSM and EE Adjustment		Net Adjustment
	Rate ⁽¹⁾	EMF ⁽²⁾	Rate ⁽³⁾	EMF ⁽⁴⁾	
Residential Applicable to Schedules: RES, R-TOUD, R-TOUE & R-TOU	-1.021	-0.160	0.636	0.140	-0.405
Small General Service Applicable to Schedules: SGS, SGS-TOUE, SGS- TOU-CL (constant load), TSF & TSS	-0.914	-0.359	0.552 (EE Only) 0.052 (DSM Only)	0.055 (EE Only) 0.000 (DSM Only)	-0.614
Medium General Service Applicable to Schedules: MGS, SGS-TOU, SI, CH- TOUE, GS-TES, APH-TES, CSG, CSE	-0.491	-0.448	0.552 (EE Only) 0.052 (DSM Only)	0.055 (EE Only) 0.000 (DSM Only)	-0.280
Large General Service Applicable to Schedules: LGS, LGS-TOU, LGS-RTP	-0.706	-0.016	0.552 (EE Only) 0.052 (DSM Only)	0.055 (EE Only) 0.000 (DSM Only)	-0.063
Lighting Applicable to Schedules: ALS, SLS, SLR & SFLS	-3.063	0.280	0.109	0.001	-2.673

* Billing Adjustment Factors, shown above, includes a North Carolina regulatory fee.

Billing Adjustment Factors Description:

- (1) The Fuel and Fuel-Related Adjustment Rate is adjusted annually to reflect incremental changes in the costs of fuel and fuel-related costs from the rates approved in the last general rate case.
- (2) The Fuel and Fuel-Related Adjustment Experience Modification Factor (EMF) is adjusted annually to reflect the difference between reasonable and prudently incurred fuel and fuel-related costs and the fuel and fuel-related revenues realized during a test period under review and shall remain in effect for a fixed 12 month period.
- (3) The Demand Side Management (DSM) and Energy Efficiency (EE) Rates are adjusted annually to reflect the costs and incentives associated with DSM and EE measures and programs approved by the North Carolina Utilities Commission.
- (4) The DSM and EE Experience Modification Factors (DSM EMF and EE EMF) are adjusted annually to reflect the difference between reasonable and prudently incurred DSM and EE costs and incentives and DSM and EE revenues realized during the period under review and shall remain in effect for a fixed 12 month period.

The fuel rate included in base tariff rates was adjusted pursuant to Base Rate Rider BR-1 effective December 1, 2014 to 3.017¢/kWh for RES, 3.005¢/kWh for SGS, 2.925¢/kWh for MGS, 2.962¢/kWh for LGS and 3.660¢/kWh for Lighting, including a regulatory fee.

Demand Side Management and Energy Efficiency “Opt-Out” Option

North Carolina Utilities Commission Rule R8-69(e) allows commercial customers with annual consumption of 1,000,000 kWh or greater in the billing months of the prior calendar year and all industrial customers to elect to not participate in either or both (1) any utility-offered DSM or (2) any utility-offered EE program and, after written notification to the utility, not be subject to either or both the DSM or EE Rates and EMFs, as applicable and as shown above. For purposes of application of this option, a customer is defined to be a metered account billed under a single application of a Company rate tariff. For commercial accounts, once one account meets the opt-out eligibility requirement, all other accounts billed to the same entity with lesser annual usage located on the same or contiguous properties are also eligible to opt-out in the same manner from paying either or both of the DSM and EE Rates and EMFs. Since these rates are included in the rate tariff charges, Customers electing this option shall receive either or both of the following DSM and EE Credit(s) on their monthly bill statement:

DSM Opt-Out Credit = Billed kWh times the sum of the DSM Rate and EMF*
EE Opt-Out Credit = Billed kWh times the sum of the EE Rate and EMF*

* The DSM and EE Rates and EMFs shall be as shown in the above table for the schedule applicable to Customer’s monthly bill.

Following the December bill each year, usage for commercial accounts electing to “opt-out” of the DSM/EE rates shall be reviewed and the customer shall be notified and removed from the “opt-out” option if annual consumption is less than 1,000,000 kWh in the prior twelve months.

APPLICABILITY – RATES NOT INCLUDED IN TARIFF CHARGES

The rates shown below are not included in the MONTHLY RATE provision of the applicable schedule used in billing and shall therefore be added to Customer’s monthly bill statement:

Billing Adjustment Factors Per Customer (\$/month)*			
Revenue Class	REPS Rate ⁽⁵⁾	REPS EMF ⁽⁶⁾	Net Billing Rate
Residential	\$ 1.26 per month	\$ 0.03 per month	\$ 1.29 per month
Commercial/Public Streets and Highways	\$ 10.64 per month	\$ 0.02 per month	\$10.66 per month
Industrial/Public Authority	\$ 67.49 per month	\$15.72 per month	\$83.21 per month

* Billing Adjustment Factors, shown above, includes a North Carolina regulatory fee.

For purposes of the applicability of the Renewable Energy Portfolio Standard (REPS) Billing Adjustment Factors, a “Customer” is defined as all accounts (metered and unmetered) serving the same customer of the same revenue classification located on the same or contiguous properties. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts, regardless of their revenue classification. Upon written notification from Customer, accounts meeting these criteria shall be coded in the billing system to allow Customer to receive only one monthly REPS charge for all identified accounts.

Billing Adjustment Factors Description:

- (5) The REPS Rate is adjusted annually to reflect research and development costs and incremental costs incurred to comply with the state's Renewable Energy and Energy Efficiency Portfolio Standard (REPS).
- (6) The REPS Experience Modification Factor (REPS EMF) Rate is adjusted annually to recover the difference between reasonable and prudently incurred REPS costs and REPS revenues realized during the period under review and shall remain in effect for a fixed 12 month period.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

The Fuel and Fuel-Related Adjustment EMF and REPS EMF are effective for service rendered through November 30, 2017. The DSM EMF and EE EMF are effective for service rendered through December 31, 2017.

Supersedes Rider BA-13
Effective for service rendered on and after February 1, 2017
NCUC Docket No. E-2, Sub 1109

Duke Energy Progress, LLC
(North Carolina Only)

RR-12

HIGHLY FLUCTUATING OR INTERMITTENT LOAD
RIDER NO. 90

AVAILABILITY

This Rider is available in conjunction with any schedule when service is taken for welding equipment, X-ray apparatus, elevator motors, electric furnaces, or other similar equipment and the Customer thereby imposes on the Company's system a highly fluctuating or intermittent load requiring facilities above those needed to serve the Contract Demand.

This Rider is not available for breaker or fault testing laboratories.

The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

HIGHLY FLUCTUATING OR INTERMITTENT LOAD

A Highly Fluctuating or Intermittent Load is a load imposed on the Company's system for an extremely short duration whose magnitude would not be recorded by the Company's metering equipment. The kVa of Highly Fluctuating or Intermittent Load will be the kVa capacity installed or supplied to maintain proper voltage less the estimated kVa capacity which would have been installed excluding the Highly Fluctuating or Intermittent Load, but shall not be greater than the total kVa of Highly Fluctuating or Intermittent Load equipment.

MONTHLY RATE

An amount computed under the rate schedule with which this Rider is used plus the sum of the following amounts:

1. \$0.44 per kVa for each kVa of Highly Fluctuating or Intermittent Load as determined above.
2. An amount equal to the Monthly Facilities Charge specified in the Company's Service Regulations times the cost of the additional distribution and transmission line capacity installed to provide for the Highly Fluctuating or Intermittent Load.

CONTRACT PERIOD

The Contract Period will be the period as specified in the Service Agreement.

Supersedes Rider No. 9M
Effective for bills rendered on and after August 1, 2015
Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-13

STANDBY AND SUPPLEMENTARY SERVICE
RIDER NO. 7C

AVAILABILITY

This Rider is available in conjunction with any general service schedule to permit Supplementary Service and the amount of Standby Service which, in the opinion of Company, it has available at any particular location, to customers having another source of power not held solely for emergency use and for which Company's service may be substituted either directly or indirectly or used as an additional power supply.

Where Customer's other source of power is connected either electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems.

Not available for temporary or seasonal service, or for Standby Service in excess of 25,000 kW.

The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

This Rider is not available for new applications after September 10, 1987. Customer receiving service under this Rider which was a part of a Service Agreement on September 10, 1987 may continue receiving service under this Rider. If Customer elects another standby or back-up service rider, or fails to meet the availability provisions contained herein, this Rider will no longer be available to Customer.

RIDER APPLICATIONS TO TIME-OF-USE SCHEDULES

When the Rider is used in conjunction with one of Company's time-of-use schedules, only the demands registered or computed by Company's metering facilities during the on-peak hours indicated in the applicable schedule shall be subject to the conditions of this Rider. Customer may contract for an off-peak Contract Demand which exceeds the on-peak Contract Demand, both of which are specified in the Service Agreement; however, the maximum demand registered during the off-peak period shall be billed in accordance with the applicable schedule.

DEFINITIONS

Contract Demand

The Contract Demand is the maximum kW that Customer desires Company to supply for Standby and Supplementary Service combined, as specified in the Agreement for Service, which shall not be less than 15 kW, and shall be increased by the amount of the excess whenever exceeded in either of the events following:

1. When the maximum kW registered for a 15-minute period of use exceeds the established Contract Demand, unless and until Company within sixty days requests Customer to reduce such demand to a specified amount but not less than the established Contract Demand.
2. When the sum of the Standby Service and the Supplementary Service exceeds the established Contract Demand.

Standby Service

Standby Service is the service which Customer desires Company to supply for scheduled maintenance or breakdown purposes. Customer shall arrange his maintenance during periods approved by Company. Such scheduled maintenance shall be consistent with good engineering and operating practices and shall not exceed 45 days during the contract year. Customer shall notify Company of any use of this Standby Service for breakdown purposes.

The amount of Standby Service initially contracted for may be increased by mutual agreement only before the established Contract Demand is exceeded and any established amount of Standby Service may be decreased, upon request of Customer and concurrence by Company, by substituting a kW of Supplementary Service for a kW of Standby Service.

Supplementary Service

Supplementary Service is service continuously available to supplement Customer's other power sources. The contract kW of Supplementary Service shall be the established Contract Demand less the contract kW of Standby Service, but cannot be less than the minimum contained in the rate schedule with which this Rider is used. The contract kW of Supplementary Service shall be increased by the amount of the excess whenever exceeded by the metered 15-minute demand, except that when Standby Service is being used for scheduled maintenance during periods approved by Company or when Company has been notified of its use for breakdown purposes the contract kW of Supplementary Service will not be increased unless the Contract Demand is exceeded and in such case the contract kW of Supplementary Service will be increased only by the amount that the metered demand exceeded the Contract Demand. However, in all events, Company may within sixty days request Customer to reduce such demand to a specified amount but not less than the established contract kW of Supplementary Service.

MONTHLY BILLING

The Monthly Billing shall be the sum of the following amounts:

1. An amount computed under the rate schedule with which this Rider is used for the Billing Demand established and the kilowatt-hours used during the current month but in no event for a consumption of less than the Minimum Number of Kilowatt-hours per kW of that portion of the Billing Demand which is billed as Supplementary Service during the current month. When Customer is served under a time-of-use schedule, the Minimum Number of Kilowatt-hours shall be determined based on the on-peak Billing Demand for the Contract kW of Supplementary Service and the Kilowatt-hours billed under the Minimum Number of Kilowatt-hours provision in excess of those registered shall be billed at the off-peak Kilowatt-hour charge of the applicable time-of-use schedule.
2. When Customer operates in parallel with Company or can substitute for Company's service, \$1.26 for each of the first 200 kW, \$0.97 for each of the next 24,800 kW, and \$1.55 for each of the additional kW of Contract Demand in excess of the Billing Demand established during the current month.
3. After Standby Service is used for breakdown purposes in more than 30 days during the current twelve billing months; an amount equal to \$0.39 times (a) the maximum number of kW registered during the current billing month in excess of the contract kW of Supplementary Service and (b) the number of days in the current billing month that Standby Service was used in excess of 30 days during the current twelve billing months.

4. An amount equal to 1.3% of the difference between the estimated cost of (1) the facilities required by Company to supply the Contract Demand and (2) the facilities required by Company to supply the contract kW of Supplementary Service.

MINIMUM NUMBER OF KILOWATT-HOURS

The Minimum Number of Kilowatt-hours per kW shall be:

1. For customers regularly generating electricity by steam all of which steam is subsequently used for heating or processing purposes or for customers generating electricity by water, 150 kilowatt-hours per kW.
2. For other customers, the number of kilowatt-hours per kW determined by dividing the difference between (1) the total number of kilowatt-hours used by Customer in the current billing month and (2) five percent of the lesser of (a) the number of kilowatt-hours supplied by Company in the current billing month or (b) the number of kilowatt-hours supplied by Customer in the current billing month, by Customer's maximum 15-minute system load established during the current billing month.

BILLING DEMAND

The Billing Demand(s) shall be determined in accordance with the applicable schedule for the contract kW of Supplementary Service; but when Customer has contracted for, or has used at any time, Supplementary Service for Standby Service purposes, the minimum Billing Demand(s) shall be the contract kW established for Supplementary Service less 1000 kW.

If Standby Service is used during part of the current billing month, the maximum kW registered will be reduced by an amount equal to the maximum kW registered in excess of the kW of Supplementary Service times the ratio of the number of days it was not used to 30 days.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

CONTRACT PERIOD

As specified in the Agreement for Service, but not less than one year.

Supersedes Rider No. 7A

Effective for bills rendered on and after August 1, 2015

NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-15

SUPPLEMENTARY AND FIRM STANDBY SERVICE RIDER SS-50A

AVAILABILITY

This Rider is available to customers in conjunction with any of Company's general service rate schedules to permit Supplementary and Standby Service to Customer having generation equipment not held solely for emergency use and for which Company's service may be substituted either directly or indirectly or used as an additional power supply. Customer shall execute (1) a Service Agreement specifying separately the requirements for both Supplementary Service and Standby Service and (2) an Interconnection Agreement in accordance with the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generation Interconnections.

This Rider is not available (1) for temporary or supplementary seasonal service, (2) for use in conjunction with any of Company's other standby service riders, (3) for use in conjunction with Company's Dispatched Power Rider No. 68 or Incremental Power Service Rider IPS, or (4) for Standby Service in excess of 50,000 kW. The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

DEFINITIONS

Contract Demand

The Contract Demand is the total maximum kW that Customer desires Company to supply for both Supplementary and Standby Service combined, as specified in the Service Agreement. It shall be increased by the amount of the excess when the sum of the Supplementary Service Contract Demand and Standby Service Contract Demand exceeds the previously established Contract Demand. The increase shall be effective with the following billing month unless Company requests Customer to reduce such demand to a specified amount but not less than the previously established Contract Demand.

Standby Service

Standby Service is the service which Company supplies to replace Customer's generation. This includes breakdown and maintenance periods. For generation with a planning capacity factor of less than 60%, the Standby Service Contract Demand shall be the nameplate kW capacity of Customer's installed generation. For generation with a planning capacity factor of 60% or greater, the Standby Service Contract Demand shall be the maximum increased demand Company is requested to serve whenever Customer's generation is not operating, which may be less than the generator nameplate rating. The Standby Service Contract Demand may be increased by mutual agreement.

Supplementary Service

Supplementary Service is the service which Company continuously supplies to replace Customer's generation. The Contract Demand of Supplementary Service shall be the established Contract Demand minus the Standby Service Contract Demand; however, whenever the established Contract Demand is exceeded, the Supplementary Service Contract Demand shall increase effective with the following billing month by the amount the established Contract Demand exceeds the Standby Service Contract Demand. However, in all events, Company may within 30 days request Customer to reduce such demand to a specified amount, but not less than the previously established Supplementary Service Contract Demand.

MONTHLY BILLING

The Monthly Bill shall be the sum of the following amounts:

1. Availability to Serve Charges:

- a. Generation Reservation Charge applicable customers both less than 60% and 60% or greater planning capacity factor - \$0.86/kW of Standby Service Contract Demand.
- b. Standby Service Delivery Charge (applicable to customer generation with a planning capacity factor 60% or greater):

Per kW of Standby Service Contract Demand for Customer served from:

Transmission System (voltage of 69 kV or higher) \$1.14/kW

Distribution System (voltage below 69 kV) \$2.57/kW

- c. Additional Facilities Billing applicable to both less than 60% and 60% or greater planning capacity factor customers: An amount equal to the monthly facilities charge, as specified in Company's Service Regulations, times the difference between the installed cost of (1) the facilities required by Company to supply the Contract Demand, including any protective or other equipment deemed necessary to accommodate Customer's parallel operation, and (2) the facilities required by Company to supply the contract kW of Supplementary Service.

2. Supplementary and Standby Service Usage Charges:

- a. For generation with a planning capacity factor of less than 60%:

Supplementary and Standby Service billing for the established demand and kilowatt-hours consumed during the month is under the rate schedule and rider(s) with which this Rider is used.

- b. For generation with a planning capacity factor of 60% or greater:

- i. Supplementary Service billing for the Billing Demand established and the kilowatt-hours consumed associated with the Supplementary Service Contract Demand is under the rate schedule and rider(s) with which this Rider is used.
- ii. Standby Service billing for the kilowatt-hours consumed in excess of the Supplementary Service Contract Demand shall be at the sum of the (1) Standby Service RTP Hourly Energy Rate, as shown below, plus (2) the Rider Adjustment applicable during the current billing month. The Rider Adjustment shall include the sum of the DSM/EE and DSM/EE EMF rate adjustments during the current billing month. This amount shall be computed on an hourly basis.

STANDBY SERVICE RTP HOURLY ENERGY RATE

The Real Time Pricing (RTP) Hourly Energy Rate applicable to all usage in excess of the Supplementary Service Contract Demand shall be calculated as follows:

$$\text{Hourly RTP Rate} = (\text{MENERGY} + \text{CAP} + \text{ADDER}) \times (1 + \text{TAXES})$$

where:

MENERGY = Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses

CAP = Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15

ADDER	=	$\beta \times (\text{Class Rate-Hourly Marginal Cost})$, but not less than zero
where:		
β	=	a fixed value equal to 0.20
Class Rate	=	the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing
Hourly Marginal Cost	=	the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above
TAXES	=	NC Regulatory Fee (currently 0.13%)

CONTRACT PERIOD

As specified in the Application for the Supply of Electricity, but not less than one year.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

GENERAL

Where Customer's generation equipment is connected either electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems.

Service rendered under this Rider is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Supersedes Riders SS-50

Effective for service rendered on and after August 1, 2015

NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-16

SUPPLEMENTARY AND NON-FIRM STANDBY SERVICE
RIDER NFS-6A

AVAILABILITY

This Rider is available to customers in conjunction with any of Company's General Service rate schedules to permit Supplementary and Non-Firm Standby Service to Customer having generation equipment with a planning capacity factor of 60% or greater not held solely for emergency use and for which Company's service may be substituted either directly or indirectly or used as an additional power supply. Customer shall execute (1) a Service Agreement specifying separately the requirements for both Supplementary Service and Non-Firm Standby Service and (2) an Interconnection Agreement in accordance with the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generation Interconnections.

This Rider is not available (1) for temporary or supplementary seasonal service, (2) for use in conjunction with any of Company's other standby or generation service riders, (3) for Customer's with nameplate generation capacity below 200 kW, (4) for a customer who is not currently receiving service under this Rider but had previously received service under the Rider in the preceding twelve months, (5) in conjunction with curtailable service schedules or riders, or (6) for Non-Firm Standby Service in excess of 50,000 kW. The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

DEFINITIONS

Contract Demand

The Contract Demand is the maximum kW that Customer desires Company to supply for Supplementary and Non-Firm Standby Service combined, as specified in the Service Agreement, and shall be increased by the amount of the excess when the sum of the Supplementary Service Contract Demand and Non-Firm Standby Service Contract Demand exceeds the previously established Contract Demand, unless and until Company within 60 days requests Customer to reduce such demand to a specified amount but not less than the established Contract Demand.

During a Non-Firm Period, the Contract Demand is subject to curtailment by Customer to not exceed the Supplementary Service Contract Demand.

Non-Firm Standby Service

Non-Firm Standby Service is the service which Company supplies to replace Customer's generation. This includes breakdown and maintenance periods approved by Company. The amount of Non-Firm Standby Service shall not exceed the nameplate kW capacity of Customer's installed generation. The amount of Non-Firm Standby Service initially contracted will automatically be increased whenever the established Contract Demand is exceeded, unless Company within 60 days requests Customer to reduce such demand to a specified amount. The Non-Firm Standby Service Demand shall increase by the amount the established demand exceeds the Supplementary Service Contract Demand.

Supplementary Service

Supplementary Service is service continuously available to supplement Customer's other power sources and is the kW of demand to which Customer shall reduce his requirement during a Non-Firm period specified by Company. The Supplementary Service Contract Demand shall be specified in the contract and shall only change based upon mutual consent of the parties, but in no case can it be less than the minimum contained in the rate schedule with which this Rider is used.

MONTHLY BILLING

The Monthly Billing shall be the sum of the following amounts:

1. Supplementary Service Billing:

An amount computed under the rate schedule with which this Rider is used for the Billing Demand established and the kilowatt-hours consumed associated with the Supplementary Service Contract Demand.

2. Non-Firm Standby Service Billing:

An amount computed as the kilowatt-hours consumed in excess of the Supplementary Service Contract Demand times the sum of the (a) Non-Firm Standby Service Hourly RTP Energy Rate, as shown below, plus (b) the Rider Adjustment applicable during the current billing month. The Rider Adjustment shall include the sum of the DSM/EE and DSM/EE EMF rate adjustments during the current billing month. This shall be computed on an hourly basis.

3. Non-Firm Standby Notification Customer Charge: \$24.20

4. Non-Firm Standby Service Delivery Charge:

Per kWh of Non-Firm Standby Service Usage for Customer served from:

Transmission System (voltage of 69 kV or higher)	\$0.00256/kWh
Distribution System (voltage below 69 kV)	\$0.00564/kWh

Non-Firm Standby Service Usage shall be all kilowatt-hours consumed in excess of the Supplementary Service Contract Demand in the current billing month.

5. Additional Facilities Billing:

An amount equal to the monthly facilities charge as specified in Company's Service Regulations times the difference between the installed cost of (1) the facilities required by Company to supply the Contract Demand, including any protective or other equipment deemed necessary to accommodate Customer's parallel operation, and (2) the facilities required by Company to supply the contract kW of Supplementary Service.

NON-FIRM STANDBY SERVICE RTP HOURLY ENERGY CHARGE

The Real Time Pricing (RTP) Hourly Rate applicable to all usage in excess of the Supplementary Service contract kW shall be calculated as follows:

$$\text{Hourly RTP Rate} = (\text{MENERGY} + \text{CAP} + \text{ADDER}) \times (1 + \text{TAXES})$$

where:

$$\text{MENERGY} = \text{Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses}$$

$$\text{CAP} = \text{Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15}$$

$$\text{ADDER} = \beta \times (\text{Class Rate-Hourly Marginal Cost}), \text{ but not less than zero}$$

where:

$$\beta = \text{a fixed value equal to 0.20}$$

Class Rate	=	the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing
Hourly		
Marginal Cost	=	the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above
TAXES	=	NC Regulatory Fee (currently 0.13%)

During Non-Firm Periods, the applicable Non-Firm Standby Service Hourly RTP Energy Rate shall be the greater of the Hourly RTP Rate, as calculated above, or the PJM price during the hour, plus 5%, plus any applicable transmission charges to deliver the electricity from PJM plus the North Carolina regulatory fee. The applicable PJM rate shall be final settlement hourly rate for the PJM Western Hub.

NON-FIRM PERIOD

The Non-Firm Period shall be a fifteen-hour period, unless Company specifies a shorter period at the time the Customer is notified. Customer shall be given a minimum of 30-minutes notice before the requested Non-Firm Period is to take place. Company shall use reasonable diligence to notify Customer of an impending Non-Firm Period and having used reasonable diligence shall not be liable to Customer should Customer not receive notification. To assist Customer in reviewing the financial impact of Non-Firm Standby Service usage, Company will provide its Hourly RTP Rates on a password-secured website. A forecast of PJM hourly rates is available from the PJM website; however, the final settlement rate will be used for billing which may differ from the PJM forecast.

SUPPLEMENTARY SERVICE BILLING DEMAND

The Billing Demand of Supplementary Service shall be the maximum kW registered or computed, by or from Company's metering facilities, during a 15-minute interval within the current billing month, but not greater than the Billing Demand determined in accordance with the schedule with which this Rider is used for the contract kW of Supplementary Service.

FAILURE TO COMPLY WITH NON-FIRM STANDBY SERVICE REQUIREMENTS

Customer shall undertake all reasonable steps to ensure that Customer's load does not exceed the Supplementary Service kW during all Non-Firm Periods. Continual failure to limit usage to the Supplementary Service kW or less during Non-Firm Periods shall constitute grounds for either increasing the Supplementary Service contract demand or removal from this Rider.

CONTRACT PERIOD

The Contract Period shall not be less than five years, and shall automatically extend thereafter for successive periods of two years unless terminated by either party at the end of any contract period by giving not less than sixty (60) days' written notice to the other party prior to the end of the contract period.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

GENERAL

Where Customer's generation equipment is connected either electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems.

Service rendered under this Rider is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Supersedes Rider NFS-6
Effective for service rendered on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

RR-17

LARGE LOAD CURTAILABLE RIDER LLC-3A

AVAILABILITY

This Rider is available on a voluntary basis to Customer receiving electric service under any general service schedule provided Customer contracts for 1,000 kW or greater which is subject to be curtailed under the provisions of this Rider. Customers continually served under a predecessor of this Rider prior to June 1, 2013 with a lesser amount of curtailable demand shall continue to be served under this Rider until such time that service under the Rider is terminated by Customer or Company.

This Rider is not available: (1) for temporary service, (2) for a customer who is not currently receiving service under this Rider, but had previously received service under this Rider in the preceding twenty-four months, or (3) in conjunction with another non-firm or curtailable rider. Customer may use other sources of power to curtail electrical load without being subject to standby service requirements.

APPLICABILITY

The schedule used in conjunction with this Rider is modified only as shown herein. By electing service under this Rider, Customer agrees to curtail electrical load according to the provisions of this Rider.

Where Customer's other source of power is connected electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems. Should Company determine that Customer's facilities are not adequate to protect Company's facilities, Company may install the necessary facilities and Customer shall pay for the additional facilities in accordance with Company's Service Regulations. When this Rider is used in conjunction with the applicable standby or back-up service rider, standby service shall not be substituted for curtailable load and in no event shall the Demonstrated Curtailable Demand be greater than the difference between the Supplementary Service Demand and the Firm Demand.

When this Rider is used in conjunction with either the Dispatched Power or Incremental Power Service Riders, any Class 2 Dispatched or Incremental energy (kWh) will be excluded from the determination of Demonstrated Curtailable Demand under this Rider and the Customer Charge contained herein will not be applicable.

DEFINITIONS

A. FIRM DEMAND

The Firm Demand shall be the kW of demand specified in the Service Agreement to which Customer shall reduce his requirement at the time specified by Company. Customer shall contract for a Winter Firm Demand for the service rendered during the calendar months of October through March and a Summer Firm Demand for service rendered during the calendar months of April through September.

B. DEMONSTRATED CURTAILABLE DEMAND

The Demonstrated Curtailable Demand shall be the average kW demand during the on-peak hours less the applicable Firm Demand. The Summer Firm Demand shall be applicable during the billing months of April through September and the Winter Firm Demand shall be applicable during the billing months of October through March. The average on-peak kW shall be determined by dividing the on-peak kWh by 252.

C. PREMIUM DEMAND

The Premium Demand shall be the maximum 15-minute kW demand registered or computed by or from Company's metering facilities during any Curtailment Period in the billing month less the

applicable Firm Demand, but not less than zero. The applicable Firm Demand shall be determined based upon the calendar month when the Premium Demand was consumed.

D. CURTAILMENT PERIOD

The Curtailment Period(s) may occur during on-peak or off-peak hours of any month and shall be an 8-hour period unless Company specifies a shorter period at the time Customer is notified. Company shall send notification to Customer a minimum of 30 minutes before the requested curtailment is to occur. At the time Customer is notified to curtail, Customer will be advised whether the Curtailment Period is a Level 1 or a Level 2 Capacity Curtailment Period. Company shall use reasonable diligence to notify Customer of an impending Curtailment Period and having used reasonable diligence shall not be liable to Customer should Customer not receive notification. The number of hours of Curtailment in any calendar day shall be no more than 8 hours. Company reserves the right for a longer interruption in the event continuity of service is threatened. The total hours of Capacity Curtailment Periods shall be no more than 400 hours during a calendar year.

E. ON-PEAK HOURS

1. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

2. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as the hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

F. OFF-PEAK HOURS

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

MONTHLY RATE

An amount computed under the applicable schedule and other riders with which this Rider is used, plus the following Customer Charge and Credit:

A. Customer Charge: \$24.20

B. Credit = Discount x Demonstrated Curtailable Demand, but not less than zero (\$0)

Where: Discount = \$5.71 per kW

ADDITIONAL CHARGES FOR USE OF PREMIUM DEMAND

If Customer exceeds the Firm Demand during a Level 1 or Level 2 Capacity Curtailment Period, it shall be considered to be the Use of Premium Demand.

A. DURING A LEVEL 1 CAPACITY CURTAILMENT PERIOD

For use of Premium Demand during a Level 1 Capacity Curtailment, Customer shall pay to Company \$2.18 per kilowatt-hour for all kilowatt-hours attributable to Premium Demand during the Level 1 Curtailable Period. This charge shall be in addition to applicable kWh charge(s) in the rate schedule with which this Rider is used.

DURING A LEVEL 2 CAPACITY CURTAILMENT PERIOD

Customer shall pay to Company \$55.16 for each kW of Premium Demand for each and every Level 2 Curtailable Period during the billing period.

In addition to the charge(s) for the use of Premium Demand, for the second Use of Premium Demand (Level 2 Only) during a 12-month period, the Firm Demand shall automatically be increased to equal the maximum 15-minute demand registered during the Level 2 Curtailment Period. In addition to the charges for the use of Premium Demand (Level 2 Only), for the third or subsequent Use of Premium Demand during a 12-month period, service under this Rider shall be terminated and Customer shall pay the sum of all credits received during the current and prior 11 billing months, reduced by any payments for the Use of Premium Demand during the 12 month period, but not less than zero.

CURTAILABLE NOTIFICATION

Customer must provide, at Customer's expense, contact information and suitable mean(s) for Company communication of Curtailment Periods, including but not limited to text messaging, telephone, and electronic mail. Customer is solely responsible to notify Company of changes in Customer's contact and communication information as they occur. Company shall use reasonable diligence to notify Customer of an impending Curtailment period and having used reasonable diligence shall not be liable for Customer's failure to receive and act upon curtailment notifications.

CONTRACT PERIOD

The Contract Period shall be five (5) years, with automatic successive extensions of two (2) years thereafter, unless: (a) terminated by either party at the end of the Contract Period by giving not less than sixty (60) days written prior notice, (b) terminated by Company in accordance with the Additional Charges for Use of Premium Demand provision above.

CUSTOMER REQUESTED TERMINATION OR CHANGES IN FIRM DEMAND

Customer may terminate service under the Rider or revise the Firm Demand at the end of any Contract Period without charge. The Firm Demand is also subject to upward adjustment at no charge if the Contract Demand is increased, provided there is no net change in the amount of demand that is subject to curtailment.

The difference in the Firm Demand and the Contract Demand may be reduced during the Contract Period provided Customer pays Company a charge of \$55.16 for each kW of Contract Demand that will no longer be subject to curtailment. If Curtailable Service is terminated at any other time, for reasons other than automatic disqualification due to the excessive Use of Premium Demand, Customer shall pay Company the sum of all credits received during the current and prior 11 billing months. Any adjustment of the Firm Demand shall not be applied retroactive to any prior Use of Premium Demand.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

GENERAL

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission. The provisions of this Rider are subject to change upon approval by the North Carolina Utilities Commission.

Supersedes Rider No LLC-3
Effective for bills rendered on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-18

DISPATCHED POWER
RIDER NO. 68K

AVAILABILITY

This Rider is available in conjunction with Company's Large General Service Schedules. The rate schedule with which this Rider is used is modified only as shown herein. The Contract Period for service under this Rider shall continue until terminated either by Customer or Company by giving not less than 30 days written notice to the other party.

Service under this Rider may be offered at Company option and only during Company's low production cost periods, for Customer usage normally above levels at which they would otherwise operate.

DEFINITIONS

Class 2 Dispatched Power Period

A Class 2 Dispatched Power Period shall normally be a 24-hour period for days which contain on-peak hours. Company will attempt to schedule Class 2 periods adjacent to Saturdays, Sundays, and holidays which are as specified in the Company's LGS-TOU Schedule.

Dispatched Demand

Dispatched Demand is the kW demand in each 15-minute interval, during a Class 2 Dispatched Power Period, minus: 1) the maximum on-peak demand established outside a Dispatched Power Period, exclusive of standby service, if the applicable schedule is LGS-TOU, or 2) the maximum billing demand established outside a Dispatched Power Period, exclusive of standby service, if the applicable schedule is LGS. In no event will Dispatched Demand be less than zero.

Dispatched Energy

Dispatched Energy is all kilowatt-hours attributable to use of Dispatched Demand.

MONTHLY RATE

- A. Customer Charge in addition to the Basic Customer Charge in the rate schedule: \$24.20.
- B. Demands established during a Class 2 Dispatched Power Period will not be 1) used to determine Billing Demand of the applicable rate schedule or 2) considered a use of standby or back-up service.
- C. Dispatched Energy: Class 2 Dispatched Energy shall be billed at the rate specified in the applicable schedule plus the following increment:

<u>LGS-TOU</u>		<u>LGS</u>
<u>On-peak</u>	<u>Off-peak</u>	
1.452¢/kWh	0.0¢/kWh	1.452¢/kWh

NOTIFICATION

When Company determines that it has Dispatched Power available for sale, Company will provide notification to Customer of the beginning and ending times of a Dispatched Power Period. Notification will be provided via procedures established by Company and such procedures shall be given to Customer.

Company shall use reasonable diligence to notify Customer of the institution of a Dispatched Power Period including the beginning and ending time(s). Company, having used reasonable diligence to notify Customer, shall not be liable should Customer not receive notification. Customer must install, at his expense, a dedicated telephone line in order to receive notification from Company and he must also provide satisfactory space for Company's communication equipment.

CHANGES TO A DISPATCHED POWER PERIOD

Upon Company's review of its generation costs and its system requirements, Company may notify Customer during a Dispatched Power Period that it will extend beyond the time which Company previously communicated to Customer that such Dispatched Power Period would end.

Upon 30-minutes notice, Company may terminate a Dispatched Power Period prematurely in order to decrease the likelihood of instituting a Curtailable Period. A Dispatched Power Period will automatically terminate upon the actual commencement of a Curtailable Period.

GENERAL

Company will not install transformation capacity or other facilities which exceed Customer's requirement during non-Dispatched Power Periods. Demands established during Dispatched Power Periods shall not serve to satisfy Contract obligations of Customer.

Decisions to institute or extend a Dispatched Power Period rest solely with Company.

SALES TAX

To the above stated charges will be added any applicable North Carolina Sales Tax.

Supersedes Rider No. 68I
Effective for bills rendered on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-19

INCREMENTAL POWER SERVICE
RIDER IPS-8A

AVAILABILITY

This Rider is available to customers in conjunction with Company's Large General Service (Time-of-Use) Schedule LGS-TOU, which is modified only as shown herein.

Service under this Rider is only available at the option of Company, in conjunction with monthly Base Demands established by Company, for Customer usage above Base Demand levels at which Customer would otherwise operate.

This Rider is not available: 1) in conjunction with Company's Dispatched Power Rider No. 68, or 2) for twelve months following Customer's discontinuation of service under this Rider.

DEFINITIONS

Class 2 Incremental Power Period

A Class 2 Incremental Power Period shall normally be a 24-hour period for days that contain on-peak hours.

Base Demand

Company shall establish Customer's Base Demand for each month of the year. These monthly Base Demands shall be established by Company in advance of Customer's election to utilize this Rider in any given month. Generally, Company will establish or change Base Demand levels upon the following factors: 1) the maximum kW registered or computed, by or from Company's metering facilities, during any on-peak 15-minute interval for the corresponding billing month in the twelve months prior to contracting for this Rider; 2) recent added or reduced electrical load; and 3) whether Customer's historical electrical loads represent Customer's ongoing operation. The Base Demands shall also exclude any demands resulting from standby service, back-up service, dispatched power, or Incremental Power. The monthly Base Demand level shall automatically increase to the maximum on-peak demand established outside any Incremental Power Periods whenever the maximum on-peak demand established outside any Incremental Power Periods exceeds the monthly Base Demand. Customer shall provide thirty (30) days advance written notification to Company when electrical load is to be added or removed or a change in Customer's operation is expected to occur. Company shall adjust any previous monthly bills to reflect the change in the Base Demands upon Company determining that Customer had not provided Company advanced written notification of Customer's increase in electrical load. Company may require Customer to operate at proposed Base Demand levels for up to 12 months before receiving or continuing to receive service under this Rider. Company reserves the right to modify a monthly Base Demand at any time when in its opinion the Base Demand no longer represents Customer's demand level in the absence of the availability of Incremental Power.

Incremental Demand

When the registered or computed 15-minute kW demand during an Incremental Power Period exceeds the Base Demand, Incremental Demand shall be the kW demand in each 15-minute interval during the Incremental Power Period minus the greater of: 1) the maximum on-peak demand established outside an Incremental Power Period exclusive of standby or backup service, or 2) the Base Demand.

When the registered or computed 15-minute kW demand during an Incremental Power Period is less than or equal to the Base Demand, then the Incremental Demand shall be zero. In no event, shall Incremental Demand(s) be less than zero.

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Incremental Energy

Incremental Energy is the sum of all kilowatt-hours attributable to use of Incremental Demand.

MONTHLY RATE

- A. Customer Charge in addition to the Basic Customer Charge in the rate schedule: \$24.20.
- B. The Billing Demand shall be as determined in accordance with Schedule LGS-TOU, disregarding any Incremental Demands used during the billing month.
- C. Incremental Energy: Class 2 Incremental Energy shall be billed at the rate specified in Schedule LGS-TOU plus the following increment:

<u>On-peak</u>	<u>Off-peak</u>
1.452¢/kWh	0.0¢/kWh

NOTIFICATION

When Company determines that it has Incremental Power available for sale, Company will provide notification to Customer of the beginning and ending times of an Incremental Power Period. Notification will be provided via procedures established by Company and such procedures shall be given to Customer.

Company shall use reasonable diligence to notify Customer of the institution of an Incremental Power Period including the beginning and ending time(s). Company, having used reasonable diligence to notify Customer, shall not be liable should Customer not receive notification. Customer must install, at Customer's expense, a dedicated telephone line in order to receive notification from Company and Customer must also provide satisfactory space for Company's communication equipment.

CHANGES TO AN INCREMENTAL POWER PERIOD

Company may notify Customer during an Incremental Power Period that it will extend beyond the time which Company previously communicated to Customer that such Incremental Power Period would end.

Upon thirty (30) minutes notice, Company may terminate an Incremental Power Period prematurely in order to decrease the likelihood of instituting a Curtailable Period. An Incremental Power Period will automatically terminate upon the actual commencement of a Curtailable Period.

CONTRACT PERIOD

The Contract Period for service under this Rider shall continue until terminated by Customer or Company by giving not less than thirty (30) days written notice to the other party.

GENERAL

Company will not install transformation capacity or other facilities which exceed Customer's requirement during non-Incremental Power Periods. Demands established during Incremental Power Periods shall not serve to satisfy Contract obligations of Customer.

Decisions to institute, extend, or terminate an Incremental Power Period rest solely with Company.

SALES TAX

To the above stated charges will be added any applicable North Carolina Sales Tax.

Supersedes Rider No. IPS-8
Effective for bills rendered on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-20

ECONOMIC DEVELOPMENT
RIDER ED-11A

AVAILABILITY

Available, only at Company's option, to nonresidential establishments receiving service under Company's Large General Service or Large General Service (Time-of-Use) Schedules provided that the establishment is not classified as Retail Trade or Public Administration by the Standard Industrial Classification (SIC) Manual published by the United States Government.

This Rider is available for load associated with initial permanent service to new establishments, expansion of existing establishments, or new customers in existing establishments who make application to Company for service under this Rider, and Company approves such application. The New Load applicable under this Rider must be a minimum of 1,000 kW at one point of delivery. To qualify for service under this Rider, Customer must meet the qualifications under A. or B. below:

- A. Customer employ an additional workforce in Company's service area of a minimum of seventy-five (75) full time equivalent (FTE) employees. Employment additions must occur following Company's approval for service under this Rider.
- B. Customer's New Load must result in capital investment of four hundred thousand dollars (\$400,000), provided that such investment is accompanied by a net increase in full time equivalent employees employed by Customer in Company's service area. The capital investment must occur following Company's approval for service under this Rider.

This Rider is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after Customer contracts for service under this Rider, the successor Customer may be allowed to fulfill the balance of the contract under Rider ED and continue the schedule of credits outlined below. This Rider is also not available for resumption of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. This Rider is also not available for: (1) load shifted from one establishment or delivery on Company's system to another on Company's system; (2) short-term, construction, or temporary service; (3) electrical load that results from the shutdown or reduction of generation facilities; or (4) service in conjunction with Transition Rider TR-1.

DEFINITIONS

New Load

New Load is that which is added to Company's system by a new establishment. For existing establishments, New Load is the net incremental load above that which existed prior to approval for service under this Rider. The New Load shall exclude any curtailable, back-up, standby, dispatched power, or incremental power service.

Delivery Date

The Delivery Date is the first date service is supplied under the contract.

Operational Date

The Operational Date shall be the date the facility is fully operational as declared by the Customer, but shall be no more than eighteen (18) months after the Delivery Date.

Month

The term "month" as used in this Rider means the period intervening between readings for the purpose of monthly billings. Readings will be collected each month at intervals of approximately thirty (30) days.

GENERAL PROVISIONS

1. Customer must make an application to Company for service under this Rider and Company must approve such application before Customer may receive service hereunder. The application must include a description of the amount of and nature of the New Load and the basis on which Customer requests qualification shown in A. or B. under Availability above. In the application, Customer must affirm that availability of this Rider was a factor in Customer's decision to locate the New Load on Company's system. The application shall also specify the total number of full time equivalent employees (FTE) employed by Customer in all establishments receiving electric service from Company's system, at the time of application for this Rider, and on the Operational Date.
2. Customer must agree to a minimum contract term of five (5) years, with the credits being available for a maximum period of five (5) years immediately following the Operational Date.
3. For customers contracting under this Rider due to expansion, Company may install metering equipment necessary to measure the New Load to be billed under this Rider separate from the existing load billed under the applicable rate schedule. Company reserves the right to make the determination of whether such installation will be separately metered or submetered. If in Company's opinion, the nature of the expansion is such that either separate metering or submetering is impractical or economically infeasible, Company will determine, based on historical usage, what portion of Customer's load, if any, qualifies as New Load eligible for this Rider.
4. All terms and conditions of the Large General Service and Large General Service (Time-of-Use) Schedules applicable to the individual customer shall apply to the service supplied to Customer, except as modified by this Rider.

MONTHLY BILLING

The Monthly Billing shall be the amount computed under the applicable schedule and other riders with which this Rider is used less the following Discount as computed in the formula below:

$$\text{Discount} = \text{New Load kW} \times \text{EDC}$$

Where:

- New Load kW = the maximum 15-minute kW demand registered or computed (during on-peak hours when used in conjunction with the Large General Service (Time-of-Use) Schedule) associated with New Load added by Customer in accordance with this Rider.
- EDC = the Economic Development Credit per kW as specified in the table below based on monthly load factor and the number of months service has been rendered under this Rider.

ECONOMIC DEVELOPMENT CREDIT (EDC)

Number of Months Service Has Been Rendered Under This Rider

<u>LOAD FACTOR*</u>	<u>1 - 12</u>	<u>13 - 24</u>	<u>25 - 36</u>	<u>37 - 48</u>	<u>49 - 60</u>
40% - 59%	\$3.39	\$2.71	\$2.03	\$1.35	\$0.68
60% - 79%	\$5.32	\$4.26	\$3.19	\$2.13	\$1.06
80% or greater	\$7.26	\$5.81	\$4.36	\$2.90	\$1.45

* Load Factor is equal to the kilowatt-hours (kWh) used during the billing month divided by the product of the maximum 15-minute kW demand registered or computed times 730 hours.

The Discount shall be zero (\$0) for load factors less than 40% or for service after sixty (60) monthly bills under this Rider.

ADDITIONAL FACILITIES CHARGE

A monthly facilities charge equal to 1.3% of the installed cost of extra facilities necessary for service for additional metering required under Rider ED, but not less than \$25, shall be billed to Customer in addition to the bill under the appropriate rate schedule and this Rider, when applicable.

CONTRACT PERIOD

Each customer shall enter into a Service Agreement to purchase electricity from Company for a minimum original term of five (5) years, and thereafter from year to year upon the condition that either party can terminate the Service Agreement at the end of the original term, or at any time thereafter, by giving at least twelve (12) months previous notice of such termination in writing. If Customer requests a change in rate schedule from that which was approved in conjunction with Rider ED, credit under Rider ED will no longer be available. Such a change will be allowed upon thirty (30) days written notice to Company. An individual establishment will not be allowed to receive credits for more than five years under this Rider, unless Company, at its option, agrees to accept a new application and contract for qualifying New Load, and such application receives special approval by Company. If at any time during the term of contract under this Rider, Customer violates any of the terms and conditions of the Rider or the Service Agreement, Company may discontinue service under this Rider without notice and bill Customer under the applicable schedule without further credits. In the event electric service is terminated or the Contract Demand is reduced by Company or Customer before the end of the Contract Period, Customer shall pay Company in addition to all other applicable charges, the sum of all Discounts received, plus interest, for the New Load that will no longer be served by Company. The rate of interest shall be the rate per annum paid by Company for electric service deposits pursuant to Commission Rule R12-4.

GENERAL

Kilowatt demands associated with dispatched power, incremental power, back-up, or standby service shall be disregarded from all applications of this Rider, except for the calculation of Load Factor as defined in the Monthly Billing provision.

The provisions of the Schedule with which this Rider is used are modified only as shown herein.

Supersedes Rider ED-11
Effective for bills rendered on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina Only)

RR-21

ECONOMIC REDEVELOPMENT
RIDER ERD-5B

AVAILABILITY

Available, only at Company's option, to nonresidential establishments receiving service under Company's Medium General Service, Small General Service (Time-of-Use), Large General Service, or Large General Service (Time-of-Use) Schedules provided that the premise served is not classified as Retail Trade or Public Administration by the Standard Industrial Classification (SIC) Manual published by the United States Government.

This Rider is available for load associated with an existing premise served or previously served by Company, provided the premise is unoccupied and otherwise dormant for a minimum period of 60 days, as determined by Company. The Load eligible under this Rider must be a minimum of 500 kW at one point of delivery. In addition, the requested service necessary to serve the New Load must not result in additional investment in distribution facilities by Company, other than minor alterations to accommodate Customer's electrical requirements. To qualify for service under this Rider, Customer must meet the qualifications under A. or B. below:

- A. Customer employs an additional workforce in Company's service area of a minimum of thirty-five (35) full time equivalent (FTE) employees. Employment additions must occur following Company's approval for service under this Rider.
- B. Customer's New Load must result in capital investment of two hundred thousand dollars (\$200,000), provided that such investment is accompanied by a net increase in full time equivalent employees employed by Customer in Company's service area. The capital investment must occur following Company's approval for service under this Rider.

This Rider is not available to a new customer that results from a change in ownership of an existing premise. However, if a change in ownership occurs after Customer contracts for service under this Rider, the successor Customer may be allowed to fulfill the balance of the contract under Rider ERD and continue the schedule of credits outlined below. This Rider is also not available for resumption of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. This Rider is also not available for: (1) load shifted from one establishment or delivery on Company's system to another on Company's system; (2) short-term, construction, or temporary service; or (3) for service in conjunction with Economic Development Rider ED or a curtailable load rider.

DEFINITIONS

New Load

New Load is that which is added to Company's system by a customer beginning the occupation of an existing unoccupied premise.

Delivery Date

The Delivery Date is the first date service is supplied under the contract.

Operational Date

The Operational Date shall be the date the premise is fully operational, as declared by the Customer, but shall be no more than twelve (12) months after the Delivery Date.

Month

The term "month" as used in this Rider means the period intervening between readings for the purpose of monthly billings. Readings will be collected each month at intervals of approximately thirty (30) days.

Load Factor

For purposes of this Rider, Load Factor is equal to the kilowatt-hours (kWh) used during the billing month divided by the product of the maximum 15-minute kW demand registered or computed times 730 hours.

GENERAL PROVISIONS

1. Customer must make an application to Company for service under this Rider and Company must approve such application before Customer may receive service hereunder. The application must include a description of the amount of and nature of the New Load and the basis on which Customer requests qualification shown in A. or B. under Availability above. In the application, Customer must affirm that the availability of this Rider was a factor in Customer's decision to locate the New Load on Company's system. The application shall also specify the total number of full time equivalent employees (FTE) employed by Customer in all establishments receiving electric service from Company's system at the time of application for this Rider and on the expected Operational Date.
2. Customer must agree to a minimum contract term of five (5) years, with the credits being available for a maximum period of one (1) year immediately following the Operational Date.
3. To continue service under this Rider, Customer must maintain a monthly load factor of 40%, as defined above.
4. All terms and conditions of Company's rate schedule shall apply to the service supplied to Customer, except as modified by this Rider.

MONTHLY BILLING

The Monthly Billing shall be the amount computed under the applicable schedule and other riders with which this Rider is used less a credit during months 1 through 12 after the Operational Date. The credit shall be 25% of the total bill for contract demands less than 1,000 kW and 50% of the total bill for contract demands of 1,000 kW or greater, including the Basic Customer Charge, Demand Charge, and Energy Charge, but excluding any other rider or miscellaneous charges such as charges for additional facilities. The credit shall be zero (\$0) for months when Customer's monthly load factor, as defined above, is less than 40%.

CONTRACT PERIOD

Each customer shall enter into a Service Agreement to purchase electricity from Company for a minimum original term of five (5) years, and thereafter from year to year upon the condition that either party can terminate the Service Agreement at the end of the original term, or at any time thereafter, by giving at least twelve (12) months previous notice of such termination in writing. If Customer requests a change in rate schedule from that which was approved in conjunction with this Rider, the monthly credit will no longer be available. Such a change will be allowed upon thirty (30) days written notice to Company. If at any time during the term of contract under this Rider, Customer violates any of the terms and conditions of the Rider or the Service Agreement, Company may discontinue service under this Rider without notice and bill Customer under the applicable schedule without further credits. In the event electric service is terminated or the Contract Demand is reduced by Company or Customer before the end of the Contract Period, Customer shall pay Company in addition to all other applicable charges, the sum of all Discounts received, plus interest, for the New Load that will no longer be served by Company. The rate of interest shall be the rate per annum paid by Company for electric service deposits pursuant to Commission Rule R12-4.

Supersedes Rider ERD-5A
Effective for service rendered on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina)

RR-23

METER-RELATED OPTIONAL PROGRAMS RIDER MROP-8A

AVAILABILITY

These programs are available upon request and on a voluntary basis to those customers as described below, subject to the availability of appropriate metering and meter-related equipment.

I. TOTALMETER PROGRAM

Metering equipment to allow remote automated meter reading by Company will be provided upon execution of an application for TotalMeter. The application describes the conditions of service, states all charges, and provides for a termination charge should the TotalMeter option be discontinued prior to 24 consecutive months of service. Customer receiving the TotalMeter option may select a desired meter-reading day. Monthly rates and other charges related to the TotalMeter are as follows:

Monthly Rate for TotalMeter

Option 1: Customer-supplied suitable telephone communications line ¹	\$ 4.80
Option 2: Company-supplied wireless telephone communications circuit	\$21.50

Charge for Customer-requested termination of TotalMeter

Option prior to 24 consecutive months of service	\$50.00
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¹ Option 1 is not available to new applicants on and after October 1, 2013. Existing participants may continue under this option until such time that the metering equipment requires replacement.

TotalMeter charges shall not apply when Company, at its option, determines that remote automated meter reading is necessary for Company's own use. Receipt of the TotalMeter option shall in no way restrict or otherwise limit Company's right of ingress and egress to read meters and inspect, maintain, repair and replace the meters and other facilities installed to serve Customer whenever necessary.

II. LOAD PROFILER ONLINE

The Load Profiler Online (LPO) program is available to any non-residential customer with a registered or contract demand of 30 kW or greater. LPO is an Internet-based program permitting Customer access to historic meter data from any internet-capable location. Access to meter data is both identification/name and password restricted. Monthly rates and other charges related to LPO are as follows:

Monthly Rate for LPO

Rate for meter data per individual meter (updated monthly)	\$25.00 per meter
Rate for totalized meter data only (updated monthly)	\$35.00 per totalized account
Rate for meter data per individual meter (updated each business day)	\$60.00 per meter
Set-up fee per meter	\$50.00
Set-up fee for totalized meter data only	\$50.00

Provision of LPO requires that the standard meter, as determined solely by Company based upon the Customer's electrical requirement, have the capability of recording electrical consumption information on a 15-minute interval basis. Additional monthly rates and other charges, as described in Section III below, will apply if the standard meter based upon customer's electrical requirement does not have interval data capability.

III. CUSTOMER REQUESTS INSTALLATION OF NON-STANDARD METERING

Company, in its sole determination, shall establish appropriate meter standards based upon Customer's electrical requirement. If a non-residential customer desires additional meter services that require the installation of a non-standard meter, Company will comply for the following monthly rate and other charges:

Monthly Rate for non-standard meter with interval data capability	\$0.48 per month
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The following fees apply when the non-standard meter will not be remotely read:

Meter Set-up Fee	\$18.75
Meter Exchange Fee	\$95.70

A charge shall apply if Customer requests termination prior to 24 consecutive months of operation of a non-standard meter option that provides interval data. The charge shall equal the monthly rate times the sum of 24 minus the number of months the non-standard meter service has been received, not to exceed 24 months.

GENERAL

Upon appropriate notice to Customer, Company reserves the right to suspend and/or terminate any or all of these meter-related programs at any time if providing the requested program is not feasible. Company does not guarantee continuous provision of these meter-related programs but shall use reasonable diligence at all times to provide the program without interruption and having used reasonable diligence shall not be liable to Customer for damages, for failure in, or for interruptions or suspension of the same.

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission. The provisions of this Rider are subject to change upon approval of the North Carolina Utilities Commission.

Supersedes Meter-Related Optional Programs Rider MROP-8
Effective on and after August 1, 2015
NCUC Docket No. E-2, Sub 1076

Duke Energy Progress, LLC
(North Carolina)

A-2

SERVICE REGULATIONS

1. SERVICE AGREEMENT

- (a) Description: The Service Agreement (hereinafter sometimes termed "Agreement") shall consist of (1) Company's form of Application for Supply of Electricity, when signed by Customer and accepted by Company, (2) the applicable Schedule and Riders and (3) these Service Regulations, and all changes, revisions, alterations therein, or substitutions therefor lawfully made; provided that when the requested supply of electricity (1) is for residential uses or (2) is for other uses when the Customer's contract demand (a) is initially not more than 1,000 kW or (b) does not require an increase in Company's facilities when the demand increases above 1,000 kW, and (3) when no extra charges for installation or other special contractual provisions are involved, the Customer's application and the Company's acceptance thereof may be verbal, and in such event the Company's applicable Schedule, Riders and these Service Regulations shall be effective in the same manner as if Company's form of Application for Supply of Electricity had been signed by Customer and accepted by Company. Such a verbal Service Agreement shall be conclusively presumed, when there is no written application by a Customer accepted in writing by Company, if electricity supplied by Company is used by Customer or is used on Customer's premises.
- (b) Application of Service Regulations and Schedules: All Service Agreements in effect at the time of the approval hereof or that may be entered into in the future, are made expressly subject to these Service Regulations, and subject to all applicable Schedules and Riders, and any changes therein, substitutions therefor, or additions thereto lawfully made.
- (c) Selection of Optional Schedules: Where two or more rate schedules and/or riders are available, Company will attempt to assist Customer to a reasonable extent in determining which rate schedule and/or rider to select. It is the Customer's right and responsibility to select the available rate and/or rider. The Company will not assume responsibility for this choice since the control of the electrical usage is under Customer's ultimate control.
- (d) Conflicts: In case of conflict between any provision of a Schedule or Rider and of these Service Regulations, the provision of the Schedule or the Rider shall prevail.
- (e) Transfer of Agreement: A Service Agreement between Company and Customer may be transferred and assigned by Customer to any person, firm, or corporation purchasing or leasing and intending to continue the operation of the plant or business which is being served under such Agreement, subject to the written approval of Company. Company will grant such approval upon being reasonably satisfied that the assignee will fulfill the terms of the Agreement and if, at Company's option, a satisfactory guarantee for the payment of bills is furnished by assignee.
- (f) Suspension of Billing Under Agreement at Customer's Request: If Customer is temporarily unable to take the electricity contracted for due to physical destruction of or damage to his premises, Company will, upon written request of Customer, and for a period reasonably required to replace or repair such premises, suspend billing under the Agreement effective with the beginning of the next ensuing billing period. However, if Customer desires to use electricity in a lesser amount than the minimum provided in the Agreement it will be supplied and billed under Company's Schedule and Riders applicable to his use. The Service Charge and any temporary service charges for electric service to temporary facilities will not be applied when Company's construction costs of such construction do not exceed a reasonable amount or to reestablish permanent electric service. A residential or small nonresidential customer, following the physical destruction of his premises from a natural disaster, may also suspend or terminate area lighting service within the initial contract period without incurring early termination charges.

If Customer will be using less than one-half of Contract Demand during a period of suspended operations for at least three consecutive months but no longer than twelve consecutive months, and upon written request by Customer, the Billing Demand shall be the maximum kW registered during the current billing month under the Schedules and Riders effective for the reduced usage. When Customer's load regularly falls below one-half of his Contract Demand, such operations shall not be considered as suspended operations.

During the initial twelve months of service, Customer's monthly bills will be rendered under the most advantageous available Schedule and Rider, except that once a bill is rendered under the Schedule and Rider(s) specified in the Service Agreement, service will thereafter be provided only under that Schedule and Rider. The Contract Demand will be excluded from the determination of the Billing Demand and Availability provisions of the Schedule during this initial period.

- (g) Termination of Agreement at Customer's Request: If Customer desires to terminate the Agreement, Company will agree to such termination if Company is satisfied that Customer no longer has use for electricity at the premises and all bills for electricity previously rendered have been paid, and provided that Customer pays to Company, for standard facilities, a termination charge equal to (1) for Customers served from Company's distribution system the loss in salvage of the facilities used to serve Customer less the greater of (a) 20 percent of the loss in salvage for each full year that such facilities shall have been in service or (b) 20 percent of each full year's revenue that such facilities shall have been in service; (2) for Customers served from Company's transmission system, the loss in salvage of the facilities used to serve Customer less the greater of (a) 10 percent of the loss in salvage for each full year that such facilities shall have been in service or (b) 10 percent of each full year's revenue that such facilities shall have been in service. Company may waive the foregoing provision if Company has secured or expects to secure from a new occupant or operator of the premises an Agreement satisfactory to Company for the supply of electricity for a term not less than the unexpired portion of Customer's Agreement.
- (h) Company's Right to Terminate or Suspend Agreement Company, in addition to all other legal remedies, may either terminate the Agreement or suspend delivery of electricity to Customer for (a) any default or breach of Agreement by Customer, (b) fraudulent or unauthorized use of electricity or use in such manner as to circumvent Company's meter, (c) failure to pay bills when due and payable or failure to restore deposit within the specified period or, (d) in case of a condition on Customer's side of the point of delivery actually known by Company to be, or which Company reasonably anticipates may be, dangerous to life or property. No such termination or suspension, however, will be made by Company without written notice, as required by the state regulatory authority, delivered to Customer personally or by mail, stating in what particular the Agreement has been violated, except that no notice need be given in instances set forth in (b) and (d) above.

Failure of Company to terminate the Agreement or to suspend the delivery of electricity at any time after the occurrence of grounds therefor or to resort to any other legal remedy or to exercise any one or more of such alternative remedies, shall not waive or in any manner affect Company's right later to resort to any one or more of such rights or remedies on account of any such ground then existing or which may subsequently occur.

Any suspension of the delivery of electricity by Company or termination of the Agreement upon any authorized grounds shall in no wise operate to relieve Customer of his liability to pay for electricity supplied, nor shall it relieve Customer (1) of his liability for the payment of minimum monthly charges during the period of suspension, nor (2) of his liability for damages, if the Agreement has been terminated, in the amount of (a) the minimum monthly charges which would have been payable during the unexpired term of the Agreement, plus (b) the termination charges provided for in paragraph 1(g) above. Whenever the supply of electricity is suspended for any authorized reason, Company will make a charge of \$24.20 for the restoration of service made during the normal business hours of Company's office or \$33.87 for the restoration of service made during all other hours.

2. CONDITIONS OF SERVICE

- (a) Company is not obligated to supply electricity to Customer unless and until: (1) Company's form of Application for Supply of Electricity is executed by Customer and accepted by Company; (2) in cases where it is necessary to cross private property to deliver electricity to Customer, Customer conveys or causes to be conveyed to Company, without cost to Company, a right-of-way easement, satisfactory to Company, across such private property for the construction, maintenance, and operation of Company's lines and facilities, necessary to the delivery of electricity by Company to Customer, provided, however, in the absence of a formal conveyance, Company, nevertheless, shall be vested with an easement over Customer's premises authorizing it to do all things necessary to the construction, maintenance, and operation of its lines and facilities for such purpose; (3) any inspection certificates or permits that may be required by law in the local area are furnished to Company.
- (b) If Company installs a substation or other facilities for service to Customer, any available capacity of such facilities not needed to supply Customer may be used by Company to supply others.
- (c) Company may refuse to furnish electric service to any Applicant, or Customer, who at the time is indebted to Company for electric service previously supplied to such Applicant or Customer or business, in any area served by Company, except that an applicant for residential service shall not be denied service for failure to pay such bills for classes of nonresidential service.
- (d) If electricity is supplied by lines which cross the lands of the United States of America, a state, or any agency or subdivision of the United States of America or of a state, Company shall have the right, upon 30 days written notice, to discontinue the supply of electricity to any Customer or Customers receiving electricity from such lines, if and when (1) Company is required by governmental authority to incur expense in the relocation or the reconstruction underground of any portion of said lines, unless Company is reimbursed for such expense by Customer or Customers served therefrom, or (2) the right of Company to maintain and operate said lines shall be terminated, revoked, or denied by governmental authority for any reason.

3. SERVICE CHARGE

When Company first supplies electricity under any applicable metered Schedule, Customer shall pay Company a service charge of \$16.45, except a Landlord Agreement Customer shall pay a service charge of \$8.23, which shall be in addition to all other charges under the Service Agreement. This service charge shall become a part of the first bill rendered thereafter to Customer for electricity supplied at such premises unless it is paid in advance of the rendition of such bill.

4. RETURNED CHECK CHARGE

In conformity with an Order of the North Carolina Utilities Commission, Company will make a charge of \$4.84 for checks tendered on a Customer's account and returned for insufficient funds. Such charge shall apply regardless of when the check is tendered.

5. DEPOSITS

The collection of Customer deposits shall be as provided in Chapter 12 of the Rules and Regulations of the North Carolina Utilities Commission establishing uniform rules for all public utilities for the collection of Customer deposits.

6. USE OF ELECTRICITY

Electricity shall be supplied directly to Customer by Company and shall be used by Customer only for the purposes specified in, and in accordance with, the Agreement. Electricity supplied by Company shall be for Customer's use only and may not be sold directly on a metered or unmetered basis by Customer to lessees, tenants or others, except as provided for in G.S. 62-110(h) and Chapter 22 of the Commission's Rules regarding resale of electricity by landlords to residential tenants, or as may be exempt from regulation under G.S. 62-3(23)(d) and (h). Under no circumstances may Customer or other person or concern install or maintain any meter for the purposes of metering electricity with the object of rendering a bill therefor unless authorized by G.S. 62-3(23)(d) and (h).

A Customer who desires electricity for more than one classification of use on the same premises shall execute a separate Agreement for each separate classification, Customer's wiring being so arranged that electricity for each separate classification can be metered separately. When Customer conducts a business in his residence, for which business electricity is used, Company will supply all electricity through one meter under the Schedule applicable to the classification for his business use, unless Customer's wiring is so arranged that his residential use and his business use can be separately metered, in which event the appropriate Schedule will be applied to each such use.

In the event Customer utilizes a form of load control, such controls shall not cause a demand to be placed on Company's facilities which, in Company's opinion, unreasonably exceeds the integrated metered demand. Company reserves the right to determine the maximum 15-minute demand on a rolling time interval rather than the time interval of the metering facility in order to reflect the effect of any such controlled demand. The rolling time interval may or may not coincide with a time interval, if any, being supplied to Customer.

Customer shall not without the written assent of Company connect his installation to lines which cross over or under any public or semi-public space in order to supply electricity purchased through one meter to his adjacent properties. Such written assent may be given only in instances where such adjacent properties are operated as one integral unit under the same name and proprietorship and for carrying on parts of the same business, and where a separate type of business is not involved.

7. CONTRACT DEMAND

- (a) The Contract Demand shall be the kW of demand specified in the Service Agreement. In cases where any change is required in Company's facilities due to the actual demand exceeding the Contract Demand or due to Customer requesting an increase in available capacity, Company may require Customer to execute a new Agreement or amend an existing Agreement, thereby establishing a new Contract Demand. If Company is unable to supply such actual or requested increase, then upon written request, Customer will not exceed the existing Contract Demand or such amount in excess thereof as Company determines it is able to provide.
- (b) If Customer desires to reduce the effective Contract Demand at any time prior to the time the Billing Demand of the applicable Schedule first equals or exceeds the Contract Demand, Company may agree to reduce the Contract Demand to the number of kilowatts specified in writing by Customer provided Customer pays to Company a sum of money equal to the estimated cost (after deducting the then value of usable materials and facilities and the salvage value of nonusable materials and facilities) of installing and removing the existing facilities in place for serving Customer, plus any money spent by Company which would not have been spent if Customer had originally requested the reduced Contract Demand less 10% (20% if Customer is served from Company's distribution system) for each full year such facilities shall have been in service. The agreed upon reduction shall be effective with the beginning of the next ensuing billing period.

The Company reserves the right to reduce its facilities to the capacity adequate to serve the Customer's maximum 15-minute demand of the preceding 12 billing months and to amend the Service Agreement to such maximum demand. If Customer desires that Company not change its facilities, Company may agree to do so provided Customer executes a Service Agreement for the amount such facilities were installed to serve.

- (c) If Customer increases his load without adequate notice to Company, and without receiving Company's consent, and such unauthorized increase causes loss of or damage to Company's facilities, the cost of making good such loss or repairing such damage shall be paid by Customer.

8. LOW POWER FACTOR ADJUSTMENT

Customer shall at all times maintain a power factor at the point of delivery as nearly 100% as practicable; however, if Customer's power factor is found to be less than 85%, Company will increase the monthly bill by a sum equal to \$0.34 multiplied by the difference between the maximum reactive kilovolt - amperes (kVAR) registered or computed by a demand meter suitable for measuring the demands used during any 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

9. BILLING

- (a) Company's meters will be read as nearly as practicable at regular intervals of not less than 27 days and not more than 33 days. By special contract, Company and Customer may agree to billing intervals exceeding the 27-33 day period provided that Company renders 3 monthly bills per quarter. (By special order of the regulatory agencies bimonthly reading is permitted under certain conditions.)
- (b) If Company is unable to read Customer's meter for any reason, his use may be estimated by Company on the basis of his use during the next preceding billing period for which readings were obtained, unless some unusual condition is known to exist. A bill rendered on the basis of such estimate shall be as valid as if made from actual meter readings.
- (c) The term "Month" or "Monthly" as used in Company's Schedules and Riders refers to the interval transpiring between the previous meter reading date and the current reading date and bills shall be rendered accordingly, except that if the period covered by an initial or final bill or due to rerouting of meter reading schedule is more or less than 27-33 days, the bill will be prorated based on a 30-day billing month.

10. METER TESTING AND METER STOPPAGE OR ERROR

- (a) Upon reasonable notice, when requested in writing by Customer, Company shall test the accuracy of the meter serving Customer. Such testing will be performed free of charge, except when Customer has requested, within the previous twelve months, that the same meter be tested, in which case Customer shall pay Company \$60.00 for testing a non-demand meter, other than a time-of-use meter, and \$80.00 for testing a demand or time-of-use meter. This charge shall be refunded or credited to Customer (as a part of the settlement in the case of a disputed account) if the meter is found, when tested, to register more than 2% fast; otherwise the charge shall be retained by Company.
- (b) In the event a meter fails to register accurately within the allowable limits established by the state regulatory body having jurisdiction, Company will adjust the measured usage for the period of time the meter was shown to be in error, and shall, as provided in Rule R8-44 of the Rules and Regulations of the North Carolina Utilities Commission, refund or credit to Customer or Customer shall pay to Company the difference between the amount billed and the estimated amount which would have been billed had the meter not exceeded the allowable limits. No part of any minimum service charge shall be refunded.

11. POINT OF DELIVERY

The point of delivery is the point where Company's service conductors are, or are to be, connected to Customer's conductors. Customer shall do all things necessary to bring his service conductors to such point of delivery for connection to the Company's service conductors, and he shall maintain his said conductors in good order at all times. Unless otherwise stipulated in the Agreement, the point of delivery shall be located as follows:

- (a) In cases of a connection of Company's overhead service conductors to Customer's overhead service conductors, such point of delivery shall be on the outside of the wall of Customer's building where Company's service conductors may be conveniently extended and anchored.
- (b) In cases of connection of Company's overhead service conductors to Customer's underground service conductors, such point of delivery shall be at a place on Company's nearest pole approximately one foot below the Company's conductors from which Customer is to be supplied.
- (c) In cases of connection of Company's underground service conductors to Customer's service conductors, such point of delivery shall be at a place on the outside wall of Customer's building to which Company's conductors may be conveniently extended and terminated.
- (d) In cases where a ground type substation is installed by Company to supply electricity to Customer, the point of delivery shall be at a place designated by Company on its substation structure.
- (e) In cases where a service entrance panel box was installed by Company on the exterior of the outside wall of Customer's dwelling for the purpose of supplying electricity under Company's All Electric Residential Service Schedule, the point of delivery shall be the point where Customer's conductors are connected to Company's conductors in such panel box.
- (f) In cases where electric wiring was installed by Company in residences or apartment buildings with service entrances of 400 amperes or larger, by connection from Company's overhead service conductors, for the purpose of supplying electricity under Company's All Electric Residential Service Schedule, the point of delivery shall be the point where Company's conductors are connected to the main switch owned by Customer, or the point where Customer's conductors are connected to the meter trough provided for multiple dwelling units if there is not a main switch for all dwelling units.

Where special circumstances render it impracticable for the point of delivery to be located as above stated, then it shall be at a place selected or approved by Company and when so done the Customer shall bring his service conductors to and maintain them at such place.

12. INSTALLATIONS

- (a) By Company: Company shall install, own, operate, and maintain all lines and equipment located on its side of the point of delivery. It shall also furnish and install the necessary meter, and meter transformers where necessary, for measuring the electricity used, though such meter will usually be located on Customer's side of the point of delivery.

When Customer requests Company to supply electricity to a single premises in a special manner requiring facilities over and above those normally provided by Company, such additional facilities will be provided, if Company finds it practicable, under the following conditions:

- (1) The facilities will be a kind and type normally used by or acceptable to Company and will be installed at a place and in a manner satisfactory to Company.

- (2) Customer will pay to Company a Monthly Facilities Charge of 1.3 percent of the estimated original installed cost and rearrangement cost of all facilities required, including metering, in addition to those Company would have provided, but not less than \$25 per month.
- (3) If Company increases its investment, other than replacement of existing equipment with equipment of equal capacity and kind, in facilities necessary to supply Customer's special electric requirements (including conversion of the primary voltage to a higher voltage), the monthly charge for providing the additional facilities will be adjusted at that time. The Customer may terminate the additional facilities in accordance with the applicable termination provisions or continue the additional facilities under the changed conditions.
- (4) In lieu of the Monthly Facilities Charge of 1.3 percent, Customer may elect to make a contribution for the additional facilities as determined in 12(a)(2) and (3) above. After such payment the Monthly Facilities Charge for the additional facilities will be 0.5 percent of said payment.
- (5) When customer desires more than one point of delivery to a single premises at one or more voltages with a meter installation, acceptable to Company, to obtain the total kilowatt hours and simultaneous kilowatts of demand, Company will furnish such service under the applicable terms and conditions of this Section 12.

Only those points of delivery located external to Customer's plant structure may be included in a totalized metering system arrangement. In case of a primary meter installation, the installed cost of metering equipment will not be included as additional facilities nor will the metering equipment be compensated for line or transformation losses.

- (6) Company shall not be required to make such installation of facilities in addition to those normally provided until Customer has signed such agreements, including provisions for termination, as may be required by Company.
- (b) By Customer: Customer shall install, own, operate and maintain all lines, service conductors, meter bases, and equipment, exclusive of Company's meter and meter transformers on Customer's side of the point of delivery and Customer will be the owner and have exclusive control thereof as well as of all electricity after it passes the point of delivery. Customer shall so arrange his wiring that all electricity for one type of use can be supplied at one point of delivery and measured by a single meter. Except under special circumstances, Company's meter will be located on Customer's side of the point of delivery, and when it is to be so located Customer must make suitable provisions in his wiring for the convenient installation of the type of meter Company will use, and at a place suitable to Company. Customer's service entrance conductors shall not be installed within hollow walls unless the conductors are in conduit. Service entrance conductors not installed in conduit must be readily visible on the source side of Company's meter. Where a socket-type meter is to be used, Customer will provide, install at a place suitable to Company, own, and maintain a meter base or meter/switch enclosure to accommodate Company's meter under the following conditions: (1) the meter base or meter/switch enclosure shall be in accordance with Company specifications and bear the seal of approval of UL or other recognized authority in the industry, (2) Customer agrees to allow Company to install, maintain, and exercise exclusive control over all Company-owned facilities located inside Customer-owned meter base or meter/switch enclosure, including termination of Company-owned conductors to the line side terminals of Customer's meter base or meter/switch enclosure, (3) Customer agrees to allow Company to open and inspect the meter base or meter/switch enclosure at any time, and (4) Customer shall notify Company and obtain permission before altering or performing maintenance inside the meter base or metering section of the meter/switch enclosure. Socket-type meter bases furnished by Company prior to January 1, 1991 will continue to be owned by Company until replacement of meter base is necessary, at which time Customer will provide, install at a place suitable to Company, own, and maintain a replacement meter base under the above conditions.

Customer shall not utilize any equipment, appliance, or device which tends to affect adversely Company's supply of service to, or the use of service by, Customer or others. Customer shall not install gaseous discharge lighting with a power factor of less than 90 percent lagging. When polyphase service is supplied by Company, Customer shall control his use so that his load will be maintained in reasonable electrical balance between the phases at the point of delivery. Customer shall install and maintain devices adequate to protect his equipment against irregularities on Company's system, including devices to protect against single phasing.

- (c) Access To Premises: The duly authorized agents of Company shall have the right of ingress and egress to the premises of Customer at all reasonable hours over the same general route as Customer utilizes for the purpose of reading meters, inspecting Company's wiring and apparatus, changing, exchanging, or repairing its property on the premises of Customer and to remove such property at the time of or at any time after suspension of service or termination of Agreement.
- (d) Protection: Customer shall protect Company's wiring and apparatus on Customer's premises and shall permit no one but Company's agents to handle same. In the event of any loss or damage to such property of Company caused by or arising out of carelessness, neglect, or misuse by Customer, his employees or agents, the cost of making good such loss or repairing such damage shall be paid by Customer. In cases where Company's service facilities on Customer's premises require abnormal maintenance due to Customer's operation, Customer shall reimburse Company for such abnormal maintenance.

13. CONTINUANCE OF SERVICE AND LIABILITY THEREFOR

Company does not guarantee continuous service but shall use reasonable diligence at all times to provide an uninterrupted supply of electricity and having used reasonable diligence shall not be liable to Customer for damage, for failure in, or for interruptions or suspensions of, the same.

Company reserves the right to suspend service without liability on its part at such times and for such periods and in such manner as it may deem advisable (a) for the purpose of making necessary adjustments to, changes in, or repairs on its lines, substations, and facilities and (b) in cases where, in its opinion, the continuance of service to Customer's premises would endanger persons or property.

In the event of an adverse condition or disturbance on the system of Company, or on any other system directly or indirectly interconnected with it, which requires automatic or manual interruption of the supply of electricity to some customers or areas in order to limit the extent or damage of the adverse condition or disturbance, or to prevent damage to generating or transmission facilities, or to expedite restoration of service, Company may, without incurring liability, interrupt service to customers or areas and take such other action as appears reasonably necessary.

Customer assumes responsibility for and shall indemnify, defend, and save the Company harmless against all liability, claims, judgments, losses, costs, and expenses for injury, loss, or damage to persons or property including personal injury or property damage to Customer and his employees on account of defective construction, wiring, or equipment, or improper or careless use of electricity, on Customer's side of the point of delivery.

14. GOVERNMENT RESTRICTIONS

The delivery date, quantity, and type of electricity to be supplied by Company are subject to changes, restrictions, curtailments, or complete suspensions by Company as may be deemed by it to be necessary or advisable (a) on account of any lawful order or regulation of any municipal, State, or Federal government or agency thereof, or order of any court of competent jurisdiction, or (b) on account of any emergency or shortage due to war or catastrophe, or during the duration thereof, all without liability on the part of the Company therefor.

15. COSTS INCURRED IN PREPARING TO SERVE CUSTOMER

If a prospective customer advises Company that he intends to contract for electric service with Company, and Company incurs costs in preparing to furnish service to him, and thereafter he fails to enter into a written Service Agreement with Company within a reasonable time after the date when he advises Company that he expects to begin receiving service, then such prospective customer shall be liable to Company for all costs reasonably incurred by Company in preparing to serve him, subject to review by the Utilities Commission.

16. SALES TAX

Any applicable North Carolina Sales Tax shall be added to the charges contained in the Schedules, Riders, and these Service Regulations.

17. GENERAL

- (a) Whenever the term "service" or "electric service" is used in these Service Regulations or other portions of the Agreement, it shall be construed to refer to the electricity supplied to Customer.
- (b) The term "Company's service conductors" means Company's wires extending from the point of connection with Company's supply line to the point of delivery.
- (c) The term "Customer's service conductors" shall mean Customer's wires extending from the point of delivery to the switch box or other point where the branch circuits connect for the purpose of distributing the electricity taken from Company to his various places of use.
- (d) The term "service connection" means the connection of Company's service conductors to Customer's service conductors.

Duke Energy Progress, LLC
(North Carolina Only)

A-3

LINE EXTENSION PLAN E-66

I. AVAILABILITY

This line extension plan is applicable to distribution line extensions to all retail service.

II. DEFINITIONS

A. ABNORMAL INSTALLATIONS

Abnormal Installations include the following:

1. Abnormal Construction

Abnormal construction costs are incurred when physical obstacles or adverse conditions preclude the use of Company's standard construction methods, or excessive labor is necessary to install the Company's facilities to serve the Customer. Abnormal Construction includes (but is not limited to) the following conditions: the composition of the land where underground facilities are to be installed is such that Company's standard construction equipment cannot be used to complete the installation, or excessive labor is required to complete the installation; special equipment and materials are needed for stream crossing structures or concrete structures; explosives or other rock breaking measures are required; abrupt changes in final grade levels exceed a slope ratio of one when measured within three feet of the trench; or, cost is incurred to obtain special permits or in order to comply with requirements, if any, of the municipalities, counties, State and Federal highway or environmental agencies or departments regarding the replacement of pavement, ditching, compaction, backfilling, permitting or other related conditions. Also, when it is necessary to install underground facilities under existing streets, sidewalks, patios, or other paved areas, the Customer shall contribute the additional costs to install the Company's facilities had these physical obstructions not been present.

2. Abnormal Design

Abnormal design costs are incurred when the Customer requests facilities or construction methods that exceed the Company's standard engineering design practices and/or the standard design for normal service for a specific Customer.

Where abnormal installation costs are incurred by the Company, the Customer shall, in addition to any other charges contained in this Plan, pay for the excess costs incurred by the Company. Any Company facilities considered by the Company to be additional facilities in accordance with the Company's Service Regulations, Provision 12.(a) INSTALLATIONS or its successor, shall not be treated as abnormal installation costs in this Line Extension Plan.

B. CONSTRUCTION COST

The Construction Cost is the Company's estimated installed cost based upon either a detailed cost estimate or an average/standardized estimate of constructing all necessary facilities to the point(s) of delivery, including the cost of transformers, materials, labor, metering, transportation, stores, tax, engineering, and general expenses, exclusive of any abnormal installation costs as defined in II.A. above.

When applied to Temporary Service, Construction Service, and electric service to Nonpermanent Manufactured Homes, the Construction Cost shall also include the removal

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costs minus the salvage value of the facilities. When it is necessary to remove, relocate, or rearrange existing Company facilities, the Construction Cost shall also include the removal cost of existing Company facilities, plus the rearrangement cost of existing Company facilities, minus the salvage value of any existing Company facilities being removed.

C. CONSTRUCTION SERVICE

A Construction Service Customer is a customer whose need is for use in the construction of buildings or other establishments which will receive, upon completion, permanent electric service from the Company.

D. NONPERMANENT MANUFACTURED HOME

A manufactured home shall be considered nonpermanent if it does not meet the following requirements:

1. It must be attached to a permanent foundation;
2. It must be connected to permanent water and sewer facilities; and
3. It must be labeled as a structure which can be used as a permanent dwelling.

E. NORMAL POINT OF DELIVERY

The Normal Point of Delivery for overhead service to residential customers shall be on the outside wall of the end of the building nearest to the source of the Company's facilities entering the Customer's premises.

The Normal Point of Delivery for service to all other customers shall be at a location designated by the Company.

F. PERMANENT SERVICE

A Permanent Service customer must have on-going year-round electric service needs. For purposes of this Plan, the following types of customers or structures shall not be considered Permanent Service customers: Temporary Service customers, Construction Service customers, Nonpermanent Manufactured Homes, and structures designed or used to provide mobility and/or nonpermanent living accommodations (including, but not limited to, boats, campers, motor homes, and recreational vehicles).

G. REAL ESTATE DEVELOPMENT

A Real Estate Development is a residential subdivision, commercial park, industrial park, mobile home park, apartment complex, planned area development, or other similar type development consisting of four or more contiguous lots recorded with the appropriate County Registry where permanent electric service will be provided to four or more customers.

H. REVENUE CREDIT

The Revenue Credit is equal to three years of estimated annual revenues (five years for the initial extension of distribution facilities to an individual residential dwelling unit other than a Nonpermanent Manufactured Home or any structure classified as a Temporary Service Customer). The estimated annual revenue shall be determined by the Company for the new or additional load and shall be based upon the charges set forth in the applicable rate schedule(s).

I. STANDARD DESIGN

Standard Design means the most cost effective design using the Company's current engineering design and construction practices which will meet the electrical service requirements of the Customer. The "standard design" which is the most cost effective may be either overhead or underground.

J. TEMPORARY SERVICE

A Temporary Service Customer is any residential or nonresidential customer whose electric service needs will not result in permanent electric service and the Company's facilities installed to serve the Customer shall not be needed to serve other customers in the near future. Customers requesting electric service to vehicles or structures designed or used to provide mobility and/or nonpermanent living accommodations (including, but not limited to, boats, campers, motor homes, and recreational vehicles), rock crushers, asphalt plants, carnivals, fairs and other nonpermanent installations shall also be classified as Temporary Service Customers.

III. EXTENSION OF SERVICE

A. SINGLE-PHASE SERVICE TO INDIVIDUAL CUSTOMERS

1. Extensions Involving Only Secondary Service

The Company will construct, own, operate, and maintain the overhead service facilities necessary to provide service from an overhead secondary source or an underground service lateral from an underground secondary source to the Normal Point of Delivery to all customer-requested facilities except Nonpermanent Manufactured Homes (see III.A.3. below), Temporary Service Customers (see III.C. below), or Construction Service Customers (see III.D. below) at the Company's expense, except that the Customer shall pay for any abnormal installation costs as determined by the Company. A non-residential Customer shall pay the Construction Cost minus the Revenue Credit (see II.H. above) for the service in excess of five hundred (500) feet.

If the Customer requests an installation other than the standard design and/or for points of delivery other than the Normal Point of Delivery that cause the Company to incur additional costs the customer shall pay such costs.

When it is necessary to relocate the secondary service for the Customer's convenience, the Customer's payment, if any, shall be the Construction Cost minus the Revenue Credit (see II.H. above), plus any abnormal installation costs as determined by the Company.

2. Extensions Involving Primary Distribution Facilities

The Company will construct, own, operate, and maintain all primary distribution facilities necessary to extend single-phase electric service to the Normal Point of Delivery at Company's expense, except as provided below. The Company will provide the secondary service portion of such line extension, if any, in accordance with III.A.1. above.

For the primary portion of a standard design single-phase line extension to all customer-requested facilities except Nonpermanent Manufactured Homes (see III.A.3. below), Temporary Service Customers (see III.C. below), or Construction Service Customers (see III.D. below), the Customer shall pay the amount (if any) by which the Construction Cost exceeds the Revenue Credit (see II.H. above).

If the Customer requests an installation other than the standard design and/or for Points of Delivery other than the Normal Point of Delivery that cause the Company to incur additional costs, the Customer shall pay for such additional cost.

When it is necessary to relocate the primary distribution facilities serving any customer-requested facilities except Nonpermanent Manufactured Homes (see III.A.3. below) or Temporary Service Customers (see III.C. below) for the Customer's convenience, the Customer shall pay the amount by which the Construction Cost exceeds the Revenue Credit (see II.H. above).

3. Service Extensions or Relocations for Nonpermanent Manufactured Homes

The Company shall construct, own, operate, and maintain the single-phase 120/240 volt secondary service to the Normal Point of Delivery necessary to provide service for a Nonpermanent Manufactured Home and the Customer shall pay the total installed cost plus removal cost minus salvage value of the facilities removed plus any abnormal installation costs as determined by the Company.

B. THREE-PHASE SERVICE TO INDIVIDUAL CUSTOMERS

1. Extensions Involving Only Secondary Service

The Company will construct, own, operate, and maintain all overhead and/or underground distribution facilities necessary to extend three-phase secondary electric service to the Normal Point of Delivery at the Company's expense, except that the customer shall pay for any estimated abnormal installation costs as determined by the Company,. A non-residential Customer shall pay the Construction Cost minus Revenue Credit (see II.H. above) for service in excess of five hundred (500) feet.

If the Customer requests an installation other than the standard design and/or for Points of Delivery other than the Normal Point of Delivery which causes the Company to incur additional costs, the Customer shall pay for such additional cost.

2. Extensions Involving Primary Distribution Facilities

The Company will construct, own, operate, and maintain all primary distribution facilities necessary to extend three-phase service to the Normal Point of Delivery at the Company's expense, except as provided below.

For a standard design three-phase primary line extension to all customer-requested facilities except Temporary Service Customers (see III.C. below) or Construction Service Customers (see III.D. below), the Customer shall pay the amount by which the Construction Cost exceeds the Revenue Credit (see II.H. above).

If the Customer requests an installation other than the standard design and/or for Points of Delivery other than the Normal Point of Delivery that cause the Company to incur additional costs, the Customer shall pay for such additional costs.

C. TEMPORARY SERVICE

For overhead single-phase 120/240 volt secondary service extensions requiring a service drop only, the Customer shall pay an overhead temporary service charge plus a service footage charge of conductor. For up to five feet of underground single-phase 120/240 volt secondary service provided from existing underground facilities, the Customer shall pay an underground temporary service charge. The service charge shall recover Company's cost for extending

overhead or underground facilities for a typical installation. For all other types of Temporary Service, including but not limited to installation of transformers, the Customer shall pay for the actual cost of connection and disconnection. The cost shall include the total installed cost plus removal cost less salvage value of the facilities removed.

D. CONSTRUCTION SERVICE

Overhead single-phase 120/240 volt Construction Service requiring a service drop of no more than one hundred feet without the installation of any Company-owned transformers or poles, or an underground single-phase 120/240 volt Construction Service requiring a service lateral of no more than five feet from and existing 120/240 volt source shall be provided at the Company's expense. For all other types of Construction Service, the Customer shall pay the total installed cost plus removal cost less salvage value of the facilities removed.

In addition to any Customer payment for the initial Construction Service, the Customer shall pay for the estimated installed cost plus removal costs minus salvage value of the facilities installed to provide any Construction Service facilities in excess of one point of delivery per permanent building.

E. NEW REAL ESTATE DEVELOPMENTS

1. Residential Developments

At the developer's request, the Company will construct, own, operate, and maintain overhead and/or underground distribution facilities to provide a basic distribution system, normally 120/240 volt single-phase service or as determined by the Company, within the Real Estate Development in which it is contemplated that individual lots will be sold or leased. The developer requesting the basic distribution system shall pay any amount by which the Construction Cost exceeds the estimated Revenue Credit (see II.H. above) from the development, plus any estimated abnormal installation costs as determined by the Company.

2. Nonresidential Developments and Planned Area Developments

At the developer's request, the Company will construct, own, operate, and maintain overhead and/or underground distribution facilities to provide a basic distribution system within the Real Estate Development in which it is contemplated that individual lots will be sold or leased. The developer requesting the basic distribution system shall pay any amount by which the Construction Cost exceeds the estimated Revenue Credit (see II.H. above) from the development, plus any estimated abnormal installation costs as determined by the Company.

3. Idle Facilities Deposits

The Company may in its discretion limit installation of the Company's electrical facilities in a Real Estate Development to that area which in the Company's judgment is likely to be occupied within a reasonable period of time, in order to avoid excess investment in idle facilities. The developer may obtain installation in the additional area by paying a deposit equal to the total estimated installed cost of the facilities to serve the additional area. In lieu of such deposit and solely at the Company's option, an approved alternative financial instrument, such as an irrevocable standby letter of credit, may be used as security. Idle Facilities Deposits are reviewed annually and will be refunded based on the pro rata portion of the Company's idle facilities needed to serve customers during the preceding 12 months. Any deposit held by the Company for five years or more shall not be refunded.

4. General

In advance of any design work by the Company, the developer of a Real Estate Development shall be responsible for providing to the Company an estimate of electrical loads within the development, and a surveyor's recorded plot plan with premise addresses for each lot. In the case of a mobile home park or multi-family project, the plot plan shall indicate the location of each structure within the development. The developer recognizes and acknowledges that the Company will rely upon such information in sizing and installing the facilities necessary to serve the development.

Each individual customer within the development will be served in accordance with III.A., B., C., or D. above, and shall be subject to any applicable Customer payment obligation.

When the Company's existing facilities within a Real Estate Development must be rearranged and/or abandoned due to any actions of the original owner or developer, or any subsequent owner(s) or developer(s) within the development, the party requesting the changes shall pay: 1) the Construction Cost of relocating the facilities, plus 2) the installed cost plus removal cost less salvage value for any facilities removed or abandoned.

F. CONVERSIONS OF OVERHEAD TO UNDERGROUND SERVICE

The conversion of existing overhead distribution facilities to underground distribution facilities is governed solely by the provisions of this section. Conversions shall be in accordance with the following:

1. Residential Customers

When the Customer requests the Company to replace an existing single phase overhead residential service connection or a secondary and service combination, the Customer shall pay the average/standardized construction cost for a standard installation including the following charges:

- (a) The cost of converting from overhead to underground facilities.
- (b) A per foot cost per linear foot of underground conductor.
- (c) Any estimated abnormal installation costs as determined by the Company.

If the Customer's load requirements necessitate replacing the overhead secondary or the secondary and service combination, the construction cost of replacing the overhead facilities shall be credited to the Customer. The above charges will not apply and charges will be determined pursuant to Section F.2. below when (1) the Customer requests to undertake certain tasks, as permitted by Section IV.B. (2) when load additions warrant replacement of the overhead facilities and the Customer requests a detailed cost estimate or (3) the Company is required to replace an existing residential overhead connection which involves primary distribution facilities.

2. Other Individual Customers

When the Customer requests the Company to replace an existing overhead connection with underground facilities and such change is not the result of an increase in the Customer's electrical requirement that would have necessitated replacing the overhead

facilities, the Customer shall pay, based on the Company's estimates:

- (a) The installed cost of the underground facilities, plus
- (b) The costs of removing and rearranging the overhead facilities, plus
- (c) Any abnormal installation costs as determined by the Company, minus
- (d) The salvage value of the overhead facilities

When the Customer's electrical requirement necessitates replacing the overhead facilities serving the Customer, the Customer payment shall be determined in accordance with paragraph III.A., B., C., or D. of this Plan.

3. Replacement of General Overhead Distribution Facilities with Underground Facilities

For installations not otherwise covered by other sections of this Plan or rate schedules, or which include more facilities than are covered by other sections of this Plan, the Company shall replace overhead distribution facilities with underground facilities subject to the following conditions:

- (a) The party requesting the conversion shall deposit with the Company the estimated cost of the engineering study necessary to determine the cost of converting to underground facilities. If within one year after the date of the deposit an agreement is reached for converting the distribution facilities to underground facilities, the deposit shall be credited to the contribution required by the requesting party. Should an agreement not be executed within one year, the deposit shall not be refunded or credited to the requesting party.
- (b) The area to be converted shall be the area that the Company considers physically and technically feasible, but normally will not be less than one city block or 1,000 linear feet.
- (c) The party requesting the conversion shall arrange with all customers affected thereby to receive, at locations designated by the Company, electric service of the type and voltage available from the underground system. The area being converted shall be declared an underground area and only underground service will be available within such area. Underground service to future customers within the area shall be provided in accordance with III.A., B., C., D., and E. of this Plan.
- (d) The party requesting the conversion shall pay the estimated cost of underground facilities, plus the cost of removing and rearranging the overhead facilities, less the salvage value of the overhead facilities being removed. If the Company has to rebuild its overhead facilities within the area, such as relocating its facilities due to a street widening, the payment to the Company shall be reduced by the estimated cost of such work exclusive of the cost of rights of way, clearing, and street lighting.
- (e) Street lighting service and conversion to underground facilities shall be in accordance with the Company's filed street lighting schedules.
- (f) The party requesting the conversion shall provide the Company the necessary rights of way and clearing thereof, at no cost to the Company, for the installation of the Company's underground facilities. Such rights of way and clearing will include the necessary space for the Company to install any required vaults, pad mounted transformers, or other associated equipment.

- (g) The party requesting the conversion shall be responsible for placing all traffic and other control circuits underground.

IV. GENERAL

A. RIGHTS OF WAY

The Customer will furnish, without cost to the Company, necessary easements and rights of way for the supply of electric service to the Customer.

The location of the Company's transmission lines or right of way easements of the Company for existing or future transmission lines shall not be affected by this Plan or any contract executed thereunder.

The Customer shall be responsible for the initial clearing to final grade, free of stumps and other obstructions, for any right of way necessary to provide underground electric service. When it is necessary to clear the right of way on the Customer's property to provide overhead electric service, the Customer shall be responsible for the removal of all debris resulting from such clearing. In lieu thereof, the Company shall provide such service provided the Customer agrees to pay the Company for any and all estimated clearing costs and any tree debris removal and/or disposal costs.

B. PAYMENTS

The Company reserves the right to collect any line extension payments under this Plan before installation of the facilities begins.

The Customer may be allowed to perform certain tasks solely on property owned by Customer in accordance to the Company's specifications to reduce the Customer payments contained herein, provided the Company determines that the Customer's work will not reduce the quality of the installation and maintenance of the facilities to be installed. Such tasks include trenching, right of way clearing for overhead facilities, rock removal, and cutting and replacing pavement and other obstructions that would impede the Company from using normal construction materials and equipment, which the Company determines would not reduce the quality of the installation and maintenance of the facilities to be installed. When the Customer elects to perform such work, the Customer shall be solely responsible for obtaining all necessary permits and for complying with all state and federal laws and regulations.

The Company will only collect payments under this Plan when the total of all contributions, minus all credits, exceeds Company's administrative cost of collecting and processing the payment.

Whenever the Revenue Credit exceeds the Construction Cost, the difference shall always be expressed as zero.

C. TYPE OF FACILITIES

The Company shall have the right to install an overhead or underground distribution system at its option. However, if the Customer or developer requests, or a city ordinance or other legal restriction requires that such lines be placed underground rather than overhead, the Customer or developer shall pay for all costs associated with such service pursuant to this Plan. The Company, in reliance upon information provided by the Customer or Developer shall design the most efficient and cost-effective system to meet the Customer's needs based on the Company's current design and construction practices. The Company's cost

calculations shall be based on this standard design for normal service. If the standard design for normal service includes multiple circuits installed in the same trench, the trench footage used in computing the Customer's payment shall be multiplied by the number of circuits installed in the trench.

Normally, the Company does not install overhead facilities in areas served (or contracted to be served) by an underground distribution system. However, where adverse conditions exist which would cause excessive costs to the Company if underground facilities were installed, overhead facilities may be utilized as needed to avoid such excessive costs. Should the Customer or local ordinance require the installation of underground facilities, the Customer shall pay the normal charges for underground service plus the estimated amount by which the cost of providing underground facilities under the adverse conditions exceeds the cost of providing underground facilities under normal conditions.

The Company shall provide electric service, either overhead or underground, at a single point of delivery at one of the Company's standard voltages. The type and location of these facilities shall be in accordance with sound engineering practices as determined by the Company's engineers and any information provided by the Customer.

In areas, where the Company's standard design requires that underground conductors be placed in concrete-encased duct systems, typically designated downtown underground areas, the Company will bear the expense of the concrete-encased duct system on public easements. Where the design to meet the Customer's request requires the concrete-encased duct system to be extended onto private property, the Customer will provide the appropriate concrete-encased duct system to the Company's specifications. Alternatively, the Customer may request that the Company install the concrete-encased duct system and the cost shall be paid to the Company by the Customer.

D. OBSTRUCTIONS

The Customer, developer, or other party requesting the Company's distribution facilities to be installed shall remove all obstructions from the route along which the Company's underground facilities are to be installed, and provide continuing access to the Company for operation, maintenance, or replacement of these facilities. The Company shall not be responsible for any damage to any shrubs, trees, grass, or any other foliage or property caused by the Company's equipment during installation, maintenance, or replacement of the Company's facilities. The Customer shall be responsible for all such items, and for reseeding or resodding the trench cover where required. In addition, the Company shall not be responsible for the repair or replacement of underground facilities on the Customer's premises damaged during the installation of the Company's facilities, unless, prior to the Company's construction, the Customer clearly identified the location of such facilities.

The Customer, developer, or other party requesting the Company's distribution facilities to be installed shall install conduit, as specified by the Company, for locations where underground conductors will cross underneath paved areas when paving is to be completed prior to the installation of the Company's underground conductors.

V. TAXES

To the above charges will be added any applicable taxes for contributions in aid of construction and any applicable Sales Tax.

Duke Energy Progress, LLC

STANDARD SERVICE VOLTAGES
AVAILABLE FROM DISTRIBUTION CLASS FACILITIES
(SEE COMMENTS CONCERNING SPECIFIC VOLTAGES)

A. Residential Service (+/- 5%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	114	120	126
120/240*	114/228	120/240	126/252
240/120	228/114	240/120	252/126
208Y/120	198Y/114	208Y/120	218Y/126

B. Specifically for Lighting Purposes (+/- 5%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	114	120	126
120/240*	114/228	120/240	126/252
240/120	228/114	240/120	252/126
208Y/120	198Y/114	208Y/120	218Y/126
480Y/277	456Y/263	480Y/277	504Y/291
4160Y/2400	3950Y/2280	4160Y/2400	4370Y/2520
7200*	6840	7200	7560
12470Y/7200	11850Y/6840	12470Y/7200	13090Y/7560
13200*	12540	13200	13860
22860Y/13200	21720Y/12540	22860Y/13200	24000Y/13860

C. Other Retail Service (+/- 10%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	108	120	132
120/240*	108/216	120/240	132/264
240/120	216/108	240/120	264/132
208Y/120	188Y/108	208Y/120	229Y/132
480Y/277	432Y/249	480Y/277	528Y/305
480	432	480	528
600	518	575	633
2400	2160	2400	2640
4160Y/2400	3740Y/2160	4160Y/2400	4580Y/2640
7200*	6480	7200	7920
12470Y/7200	11220Y/6480	12470Y/7200	13720Y/7920
13200*	11880	13200	14520
22860Y/13200	20570Y/11880	22860Y/13200	25150Y/14520

*Single Phase Voltages - all other three phase

Comments Concerning Specific Voltages

Nominal Voltage

- | | |
|--------------|--|
| 120 | This voltage is not recommended for load in excess of 20 amperes. |
| 120/240 | For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 100 kW. Company may apply its additional facilities provision for metered demands in excess of 100 kW. |
| 240/120 | This voltage is available only from overhead transformation facilities or from underground open-delta pad-mounted transformers provided the load doesn't exceed 155 kW. For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 300 kW. Company may apply its additional facilities provision for metered demands in excess of 300 kW. |
| 208Y/120 | This voltage is not recommended for individual residential service. For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 650 kW. Company may apply its additional facilities provision for metered demands in excess of 650 kW. |
| 600 or 2,400 | These voltages are not recommended for metered demands less than 300 kW. Company may apply its additional facilities provision for metered demands less than 300 kW. |

Duke Energy Progress, LLC
(North Carolina)

C-2

TERMS AND CONDITIONS FOR THE PURCHASE OF ELECTRIC POWER

1. PURCHASE POWER AGREEMENT

These "Terms and Conditions" provide a mechanism through which Duke Energy Progress, LLC, hereafter called "Company," will agree to purchase energy or capacity or both from an Eligible Qualifying Facility as defined in the Purchased Power Schedule PP. This Purchase Power Agreement is solely for the purchase of electricity produced by Seller's generation, net of generator auxiliary requirement, and does not provide for the sale of any electric service by Company to Seller.

- (a) Description - The Purchase Power Agreement (hereinafter sometimes termed "Agreement") shall consist of (1) Company's form of Purchase Power Agreement when signed by Seller and accepted by Company, (2) the applicable Schedule for the purchase of electricity as specified in the Purchase Power Agreement, and (3) these Terms and Conditions for the Purchase of Electric Power (hereinafter referred to as "Terms and Conditions"), and all changes, revisions, alterations therein, or substitutions therefor lawfully made.
- (b) Application of Terms and Conditions and Schedules - All Purchase Agreements in effect at the effective date of this tariff or that may be entered into in the future, are made expressly subject to these Terms and Conditions, and subject to all applicable Schedules as specified in the Purchase Power Agreement, and any changes therein, substitutions thereof, or additions thereto lawfully made, provided no change may be made in rates or in essential terms and conditions of this contract except by agreement of the parties to this contract or by order of the state regulatory authority having jurisdiction (hereinafter "Commission").
- (c) Conflicts - In case of conflict between any provision of a Schedule and of these Terms and Conditions, the provision of the Schedule shall prevail.
- (d) Waiver - The failure of either Party to enforce or insist upon compliance with any of the terms or conditions of this Agreement shall not constitute a waiver or relinquishment of any such terms or conditions, but the same shall be and remain at all times in full force and effect.
- (e) Assignment of Agreement - A Purchase Agreement between Company and Seller may not be transferred and assigned by Seller to any person, firm, or corporation purchasing or leasing and intending to continue the operation of the plant or business which is interconnected under such Agreement, without the prior written approval of Company. Company will not unreasonably withhold consent provided that such assignment does not require any amendment to the terms and conditions of this Agreement, other than the notice provision thereof. Any assignment that Company has not approved in writing shall be null and void and not effective for all purposes. However, before such rights and obligations are assigned, the assignee must first obtain necessary approval from all regulatory bodies including, but not limited to, the Commission.
- (f) Notification of Assignment, Transfer or Sale - In the event of an assignment of the rights and obligations accruing to Seller under this Agreement, or in the event of any contemplated sale, transfer or assignment of the Facility or the Certificate of Public Convenience and Necessity, the Seller shall, in addition to obtaining the approvals hereof, provide a minimum of 30 days prior written notice advising Company and the Commission of any plans for such an assignment, sale or transfer, or of any accompanying significant changes in the information required by Commission Rule R8-64, R9-65 or R8-66 which are incorporated by reference herein.
- (g) Suspension of Sales Under Agreement at Seller's Request - If Seller is temporarily unable to produce the electricity contracted for due to physical destruction of, or damage to, his premises,

Company will, upon written request of Seller, and for a period Company deems as reasonably required to replace or repair such premises, suspend billing under the Agreement, exclusive of any Monthly Facilities Charges, effective with the beginning of the next sales period.

- (h) Termination of Agreement at Seller's Request - If Seller desires to terminate the Agreement, Company will agree to such termination if all bills for services previously rendered to Seller including any termination or other charges applicable under any Interconnection Agreement, plus any applicable termination charges, have been paid. Termination charges shall consist of any applicable termination charges for premature termination of capacity as set forth in paragraphs 4 and 6 of these Terms and Conditions. Company may waive the foregoing provision if Company has secured or expects to secure from a new occupant or operator of the premises an Agreement satisfactory to Company for the delivery of electricity to Company for a term not less than the unexpired portion of Seller's Agreement.
- (i) Company's Right to Terminate or Suspend Agreement - Company, in addition to all other legal remedies, may either terminate the Agreement or suspend purchases of electricity from Seller (1) for any default or breach of Agreement by Seller, (2) for fraudulent or unauthorized use of Company's meter, (3) for failure to pay any applicable bills when due and payable, or (4) for a condition on Seller's side of the point of delivery actually known by Company to be, or which Company reasonably anticipates may be, dangerous to life or property. Termination of the contract is at Company's sole option and is only appropriate when Seller either cannot or will not cure its default or if Seller fails to deliver energy to Company for six (6) consecutive months.

No such termination or suspension, however, will be made by Company without written notice delivered to Seller, personally or by mail, stating what in particular in the Agreement has been violated, except that no notice need to be given in instances set forth in 1.(i)(2) above. Company shall give Seller thirty (30) calendar days prior written notice before suspending or terminating the Agreement pursuant to provisions 1.(i)(1) and (3). Company shall give Seller five (5) calendar days prior written notice before suspending or terminating the Agreement pursuant to provision 1.(i)(4).

Failure of Company to terminate the Agreement or to suspend the purchase of electricity at any time after the occurrence of grounds therefor, or to resort to any other legal remedy or to exercise any one or more of such alternative remedies, shall not waive or in any manner affect Company's right later to resort to any one or more of such rights or remedies on account of any such ground then existing or which may subsequently occur.

Any suspension of the purchase of electricity by Company or termination of the Agreement upon any authorized grounds shall in no way operate to relieve Seller of Seller's liability to compensate Company for services and/or facilities supplied, nor shall it relieve Seller (1) of Seller's liability for the payment of minimum monthly charges during the period of suspension, nor (2) of Seller's liability for damages, if the Agreement has been terminated, in the amount of (a) the minimum monthly charges which would have been payable during the unexpired term of the Agreement plus (b) the Early Contract Termination charge as set forth in these Terms and Conditions.

2. CONDITIONS OF SERVICE

- (a) Company is not obligated to purchase electricity from Seller unless and until: (1) Company's form of Purchase Power Agreement is executed by Seller and accepted by Company; (2) in cases where it is necessary to cross private property to accept delivery of electricity from Seller, Seller conveys or causes to be conveyed to Company, without cost to Company, a right-of-way easement, satisfactory to Company, across such private property which will provide for the construction, maintenance, and operation of Company's lines and facilities, necessary to receive electricity from Seller; provided, however, in the absence of a formal conveyance, Company nevertheless, shall be vested with an easement over Seller's premises authorizing it to do all

things necessary including the construction, maintenance, and operation of its lines and facilities for such purpose; and (3) any inspection certificates or permits that may be required by law in the local area are furnished to Company. Where not required by law, an inspection by a Company-approved inspector shall be made at Seller's expense. In the event Seller is unable to secure such necessary rights of way, Seller shall reimburse Company for all costs Company may incur for the securing of such rights of way.

The obligation of Company in regard to service under the Agreement are dependent upon Company securing and retaining all necessary rights-of-way, privileges, franchises, and permits, for such service. Company shall not be liable to any Seller in the event Company is delayed or prevented from purchasing power by Company failure to secure and retain such rights-of-way, privileges, franchises, and permits.

- (b) Seller shall operate its Facility in compliance with all applicable operating guidelines established by the North American Electric Reliability Corporation ("NERC") and the SERC Reliability Corporation ("SERC") or any successor thereto.
- (c) Seller shall submit an Interconnection Agreement as set forth in the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections. Company shall not be required to install facilities to support interconnection of Seller's generation or execute the Purchase Power Agreement until Seller has signed an Interconnection Agreement as set forth in the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections, as may be required by Company.
- (d) If electricity is received through lines which cross the lands of the United States of America, a state, or any agency or subdivision of the United States of America or of a state, Company shall have the right, upon 30 days' written notice, to discontinue receiving electricity from any Seller or Sellers interconnected to such lines, if and when (1) Company is required by governmental authority to incur expenses in the relocation or the reconstruction underground of any portion of said lines, unless Company is reimbursed for such expense by Sellers or customers connected thereto, or (2) the right of Company to maintain and operate said lines is terminated, revoked, or denied by governmental authority for any reason.

3. DEFINITIONS

- (a) Nameplate Capacity: The term "Nameplate Capacity" shall mean the manufacturer's nameplate rated output capability of the generator. For multi-unit generator facilities, the "Nameplate Capacity" of the facility shall be the sum of the individual manufacturer's nameplate rated output capabilities of the generators.
- (b) Net Capacity: The term "Net Capacity" shall mean the Nameplate Capacity of the Seller's generating facilities, less the portion of that capacity needed to serve the generating facilities' Auxiliary Load.
- (c) Auxiliary Load: The term "Auxiliary Load" shall mean power used to operate auxiliary equipment in the facility necessary for power generation (such as pumps, blowers, fuel preparation machinery, and exciters).
- (d) Whenever the term "purchase" or "purchase of electricity" is used in these Terms and Conditions or other portions of the Agreement, it shall be construed to refer to the electricity supplied to Company by Seller.
- (e) The term "Company's conductors" shall mean Company's wires extending from the point of connection with Company's existing electric system to the point of delivery.

- (f) The term "Seller's conductors" shall mean Seller's wires extending from the point of delivery to the switch box or other point where Seller's circuits connect for the purpose of supplying the electricity produced by Seller.
- (g) The term "interconnection" shall mean the connection of Company's conductors to Seller's conductors.

4. CONTRACT CAPACITY

- (a) The Contract Capacity shall be the kW of capacity specified in the Purchase Power Agreement. This term shall mean the maximum continuous electrical output capability expressed on an alternating current basis of the generator(s) at any time, at a power factor of approximately unity, without consuming VARs supplied by Company, as measured at the Point of Delivery and shall be the maximum kW delivered to Company during any billing period. In cases where any change is required in Company's facilities due to the actual capacity delivered exceeding the Contract Capacity or due to Seller requesting an increase in the capacity of Company's facilities, Company may require Seller to execute a new Agreement or amend an existing Agreement, thereby establishing a new Contract Capacity. If Company's facilities cannot be upgraded to accept such actual or requested increase, then upon written notice, Seller shall not exceed the existing Contract Capacity or such amount in excess thereof as Company determine it is able to accept.
- (b) Seller shall not change its generating capacity or contracted estimated annual kWh energy production without adequate notice to Company, and without receiving Company's consent, and if such unauthorized increase causes loss of or damage to Company's facilities, the cost of making good such loss or repairing such damage shall be paid by Seller.
- (c) Company may require that a new Contract Capacity be determined when it reasonably appears that the capacity of Seller's generating facility will deviate from contracted or established levels for any reason, including, but not limited to, a change in water flow, steam supply, or fuel supply.
- (d) In the event that the Contract Capacity is terminated prior to the completion of the term of the Agreement, the Seller shall pay to Company a penalty as set forth in paragraph 6, below.

5. CONTRACT ENERGY

The Contract Energy specified in the Purchase Power Agreement shall be the estimated total annual kilowatt-hours registered or computed by or from Company's metering facilities for each time period during a continuous 12-month interval.

6. EARLY CONTRACT TERMINATION OR INCREASE IN CONTRACT CAPACITY

If Seller terminates the Agreement or seeks to increase the Contract Capacity prior to the expiration of the initial (or extended) term of the Purchase Agreement:

Early Contract Termination – Seller shall pay to Company the total Energy and/or Capacity credits received in excess of the sum of what would have been received under the Variable Rate for Energy and/or Capacity Credits applicable at the initial term of the contract period and as updated every two years, plus interest. The interest should be the weighted average rate for new debt issued by the Company in the calendar year previous to that in which the Agreement was commenced.

Increase In Contract Capacity – Seller may apply to Company to increase the Contract Capacity during the Contract Period and, upon approval by Company, future Monthly Delivered Capacities shall not exceed the revised Contract Capacity. If such increase in Contract Capacity results in additional costs associated with redesign or a resizing of Company's facilities, such additional costs to Seller shall be determined in accordance with the Interconnection Agreement.

7. CONTRACT RENEWAL

This Agreement shall be subject to renewal for subsequent term(s) at the option of Company on substantially the same terms and provisions and at a rate either (1) mutually agreed upon by the parties negotiating in good faith and taking into consideration the Company's then avoided cost rates and other relevant factors, or (2) set by arbitration.

8. QUALITY OF ENERGY RECEIVED

- (a) Seller has full responsibility for the routine maintenance of his generating and protective equipment to insure that reliable, utility grade electric energy is being delivered to Company.
- (b) Seller's facility shall be operated in such a manner as to generate reactive power as may be reasonably necessary to maintain voltage levels and reactive area support as specified by Company. Any operating requirement is subject to modification or revision if warranted by future changes in the distribution or transmission circuit conditions.
- (c) Seller may operate direct current generators in parallel with Company through a synchronous inverter. The inverter installation shall be designed such that a utility system interruption will result in the removal of the inverter infeed into the Company's system. Harmonics generated by a DC generator-inverter combination must not adversely affect Company's supply of electric service to, or the use of electric service by Company's other customers, and any correction thereof is the full responsibility of Seller.
- (d) In the event Company determines, based on calculations, studies, analyses, monitoring, measurement or observation, that the output of the Facility will cause or is causing the Company to be unable to provide proper voltage levels to its customers, Seller shall be required to comply with a voltage schedule and/or reactive power output schedule as prescribed by Company.
- (e) Seller shall provide Company written notification of any changes to their generation system, support equipment such as inverters, or interconnection facilities and shall provide Company adequate time to review such changes to ensure continued safe interconnection prior to implementation.
- (f) Failure of Seller to comply with either (a), (b), (c), (d) or (e) above will constitute grounds for Company to cease parallel operation with Seller's generation equipment and constitute grounds for termination or suspension of the Agreement as set forth under paragraph 1, above.

9. BILLING

- (a) Meters will be read and bills rendered monthly. Readings are taken each month at intervals of approximately thirty (30) days.
- (b) If Company is unable to read its purchase meter for any reason, Seller's production may be estimated by Company on the basis of Seller's production during the most recent preceding billing period for which readings were obtained, unless some unusual condition is known to exist. A bill or payment rendered on the basis of such estimate shall be as valid as if made from actual meter readings.
- (c) The term "Month" or "Monthly", as used in Company's Schedules and Riders, refers to the period of time between the regular meter readings by the Company, except that if the period covered by an initial or final bill, or due to rerouting of the meter reading schedule, is more 33 or less than 27 days, the bill will be prorated based on a 30-day billing month.
- (d) Payments for capacity and/or energy will be made to Seller based on the rate schedule stated in the Purchase Power Agreement.

- (e) Company reserves the right to set off against any amounts due from the Company to Seller, any amounts which are due from Seller to Company, including, but not limited to, unpaid charges pursuant to the Interconnection Agreement or past due balances on any accounts Seller has with Company for other services.

10. RECORDS

In addition to the regular meter readings to be taken monthly for billing purposes, Company may require additional meter readings, records, transfer of information, etc. as may be agreed upon by the Parties. Company reserves the right to provide to the Commission or the FERC or any other regulatory body, upon request, information pertaining to this Agreement, including but not limited to: records of the Facility's generation output and Company's purchases thereof (including copies of monthly statements of power purchases and data from load recorders and telemetering installed at the Facility); copies of this Agreement. The Company will not provide any information developed solely by Seller and designated by Seller in writing to be "proprietary" unless required to do so by order of the Commission or the FERC or any other regulatory body or court, in which event, the Company will notify Seller prior to supplying the proprietary information.

Seller shall provide to Company, on a monthly basis within ten (10) days of the meter reading date and in form to be mutually agreed upon by the Parties, information on the Facility's fuel costs (coal, oil natural gas, supplemental firing, etc.), if any, for the power delivered to Company during the preceding month's billing period.

11. METER STOPPAGE OR ERROR

In the event a meter fails to register accurately within the allowable limits established by the state regulatory body having jurisdiction, Company will adjust the measured energy for the period of time the meter was shown to be in error, and shall, as provided in the rules and regulations of the state regulatory body having jurisdiction, pay to Seller, or Seller shall refund to Company, the difference between the amount billed and the estimated amount which would have been billed had the meter accurately registered the kilowatt hours provided by Seller. No part of any minimum service charge shall be refunded.

12. POINT OF DELIVERY

The point of delivery is the point where Company's conductors are, or are to be, connected to Seller's conductors. Seller shall do all things necessary to bring its conductors to such point of delivery for connection to Company's conductors, and shall maintain said conductors in good order at all times. If Seller chooses to deliver power to Company through a point of delivery where Seller presently receives power from Company, then the point of delivery for the purchase of generation shall be the same point as the point of delivery for electric service.

13. INTERCONNECTION FACILITIES

If Seller is not subject to the terms and conditions of the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Interconnection, as approved by the Commission in Docket No. E-100, Sub 101, the following conditions shall apply to Interconnection Facilities necessary to deliver Seller's electricity to Company. Otherwise, the terms and conditions of the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Interconnection, as approved by the Commission in Docket No. E-100, Sub 101 govern.

- (a) By Company: Company shall install, own, operate, maintain, and otherwise furnish all lines and equipment located on its side of the point of delivery to permit parallel operation of the Seller's facilities with the Company's system. It shall also install and own the necessary metering equipment, and meter transformers, where necessary, for measuring the electricity

delivered to Company, though such meter may be located on Seller's side of the point of delivery. Interconnection facilities, installed by either Company or Seller, solely for such purpose, include, but are not limited to connection, line extension, transformation, switching equipment, protective relaying, metering, telemetering, communications, and appropriate safety equipment.

Any interconnection facilities installed by Company necessary to receive power from Seller shall be considered additional facilities and shall be provided, if Company finds it practicable, under the following conditions:

- (1) The facilities will be of a kind and type normally used by or acceptable to Company and will be installed at a place and in a manner satisfactory to Company.
- (2) Seller will pay to Company a Monthly Interconnection Facilities Charge of 1.3 percent of the estimated original installed cost and rearrangement cost of all facilities, including metering, required to accept interconnection, but not less than \$25 per month.. The monthly charge for the Interconnection Facilities to be provided under this Agreement is subject to the rates, Service Regulations and conditions of the Company as the same are now on file with the Commission and may be changed or modified from time to time upon approval by the Commission. Any such changes or modifications, including those which may result in increased charges for the Interconnection Facilities to be provided by the Company, shall be made a part of this Agreement to the same effect as if fully set forth herein.
- (3) If Company increases its investment, other than replacement of existing equipment with equipment of equal capacity and kind, in interconnection facilities or other special facilities required by Seller (including conversion of the Company's primary voltage to a higher voltage), the Monthly Interconnection Facilities Charge for providing the interconnection facilities will be adjusted at that time. Seller may terminate the interconnection facilities in accordance with the applicable termination paragraph 1 above, or continue the interconnection facilities under the changed conditions.
- (4) In lieu of the Monthly Interconnection Facilities Charge of 1.3 percent, Seller may elect to make a contribution equal to the total interconnection facilities investment, plus associated tax gross-ups. After such payment, the Monthly Interconnection Facilities Charge for the interconnection facilities will be 0.5 percent of said payment.
- (5) The Monthly Interconnection Facilities Charge as determined shall continue regardless of the term of the Agreement until Seller no longer has need for such facilities. In the event Seller's interconnection facilities should be discontinued or terminated in whole or in part, such discontinuation or termination should be calculated in accordance with 1, above.
- (6) Seller's wiring and appurtenant structures shall provide for the location, connection, and installation of Company's standard metering equipment or other equipment deemed necessary by Company for the metering of Seller's electrical output. Company shall, at its expense, be permitted to install, in Seller's wiring or equipment, any special metering devices or equipment as deemed necessary for experimental or monitoring purposes.
- (7) Company shall furnish and install the Interconnection Facilities no later than the date requested by Seller for such installation. Seller's obligation to pay the Interconnection Facilities charges shall begin on the date that such Interconnection Facilities become operational, except as provided in Paragraph 3.4 hereof, and such charges shall apply at all times thereafter during the term of this Agreement, whether or not Seller is actually supplying electric power to Company.

- (b) By Seller: Seller shall install, own, operate, and maintain all lines, and equipment, exclusive of Company's meter and meter transformers, on Seller's side of the point of delivery. Seller will be the owner and have the exclusive control of, and responsibility for, all electricity on Seller's side of the point of delivery. Seller must conform to the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections. Seller's wiring shall be arranged such that all electricity generated for sale can be supplied to one point of delivery and measured by a single meter. Company's meter may be located on Seller's side of the point of delivery, and when it is to be so located, Seller must make suitable provisions in Seller's wiring, at a place suitable to Company, for the convenient installation of the type of meter Company will use. All of Seller's conductors installed on the Company's side of the meter and not installed in conduit must be readily visible.

Seller shall install and maintain devices adequate to protect Seller's equipment against irregularities on Company's system, including devices to protect against single-phasing. Seller shall also install and maintain such devices as may be necessary to automatically disconnect Seller's generating equipment, which is operated in parallel with Company, when service provided by Seller is affected by electrical disturbances on Company's or Seller's systems, or at any time when Company's system is de-energized from its prime source.

- (c) Access to Premises: The duly authorized agents of Company shall have the right of ingress and egress to the premises of Seller at all reasonable hours for the purpose of reading meters, inspecting Company's wiring and apparatus, changing, exchanging, or repairing Company's property on the premises of Seller, or removing such property at the time of or at any time after suspension of purchases or termination of this Agreement.
- (d) Protection: Seller shall protect Company's wiring and apparatus on Seller's premises and shall permit no one but Company's agents to handle same. In the event of any loss of or damage to such property of Company caused by or arising out of carelessness, neglect, or misuse by Seller or Seller's employees or agents, the cost of making good such loss or repairing such damage shall be paid by Seller. In cases where Company's service facilities on Seller's premises require abnormal maintenance due to Seller's operation, Seller shall reimburse Company for such abnormal maintenance cost.

14. CONTINUANCE OF PURCHASES AND LIABILITY THEREFOR

The Parties do not guarantee continuous service but shall use reasonable diligence at all times to provide for uninterrupted acceptance and supply of electricity. They shall use reasonable diligence at all times to provide satisfactory service, and to remove the cause or causes in the event of failure, interruption, reduction or suspension of service, but neither Party shall be liable for any loss or damage resulting from such failure, interruption, reduction or suspension of service, nor shall same be a default hereunder, when due to any of the following:

- (a) An emergency action due to an adverse condition or disturbance on Company's system, or on any other system directly or indirectly interconnected with it, which requires automatic or manual interruption of the supply of electricity to some customers or areas in order to limit the extent or damage of the adverse condition or disturbance, or to prevent damage to generating or transmission facilities, or to expedite restoration of service, or to effect a reduction in service to compensate for an emergency condition on an interconnected system.
- (b) An event or condition of force majeure, as described below.
- (c) Making necessary adjustments to, changes in, or repairs on Company lines, substations, and facilities, and in cases where, in its opinion, the continuance of service from Seller's premises would endanger persons or property.

Seller shall be responsible for insuring the safe operation of his equipment at all times, and will install and maintain, to Company's satisfaction, the necessary automatic equipment to prevent the backfeed of power into, or damage to Company's de-energized system, and shall be subject to immediate disconnection of its equipment from Company's system if Company determines that such equipment is unsafe or adversely affects Company's transmission/distribution system or service to its other customers.

Seller assumes responsibility for and shall indemnify, defend, and save Company harmless against all liability, claims, judgments, losses, costs, and expenses for injury, loss, or damage to persons or property including personal injury or property damage to Seller or Seller's employees on account of defective construction, wiring, or equipment, or improper or careless use of electricity, on Seller's side of the point of delivery.

15. FORCE MAJEURE

Circumstances beyond the reasonable control of a Party which solely cause that Party to experience delay or failure in delivering or receiving electricity or in providing continuous service hereunder, including: acts of God; unusually severe weather conditions; earthquake; strikes or other labor difficulties; war; riots; fire; requirements shall be deemed to be "events or conditions of force majeure". It also includes actions or failures to act on the part of governmental authorities (including the adoption or change in any rule or regulation or environmental constraints lawfully imposed by federal, state or local government bodies), but only if such requirements, actions or failures to act prevent or delay performance; or transportation delays or accidents. Events or conditions of force majeure do not include such circumstances which merely affect the cost of operating the Facility.

Neither Party shall be responsible nor liable for any delay or failure in its performance hereunder due solely to events or conditions of force majeure, provided that:

- (a) The affected Party gives the other Party written notice describing the particulars of the event or condition of force majeure, such notice to be provided within forty-eight (48) hours of the determination by the affected Party that an event or condition of force majeure has occurred, but in no event later than thirty (30) days from the date of the occurrence of the event or condition of force majeure;
- (b) The delay or failure of performance is of no longer duration and of no greater scope than is required by the event or condition of force majeure, provided that in no event shall such delay or failure of performance extend beyond a period of twelve (12) months;
- (c) The affected Party uses its best efforts to remedy its inability to perform;
- (d) When the affected Party is able to resume performance of its obligations under this Agreement, that Party shall give the other Party prompt written notice to that effect; and,
- (e) The event or condition of force majeure was not caused by or connected with any negligent or intentional acts, errors, or omissions, or failure to comply with any law, rule, regulation, order or ordinance, or any breach or default of this Agreement.

16. INSURANCE

Seller shall obtain and retain, for as long as the generation is interconnected with Company's system, either the applicable homeowners insurance policy with liability coverage of at least \$100,000 per occurrence or the applicable comprehensive general liability insurance policy with liability coverage in the amount of at least \$300,000 per occurrence, which protects Seller from claims for bodily injury and/or property damage. This insurance shall be primary for all purposes. Seller shall provide certificates evidencing this coverage as required by Company. Company reserves the right to refuse

to establish, or continue the interconnection of Seller's generation with Company's system, if such insurance is not in effect.

17. GOVERNMENTAL RESTRICTIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either party or over this Agreement. This Agreement shall not become effective until all required governmental authorizations are obtained. Certification of receipt of all permits and authorizations shall be furnished by Seller to Company upon Company's request. This Agreement shall not become effective unless it and all provisions thereof are authorized and permitted by such governmental agencies without change or conditions.

This Agreement shall at all times be subject to changes by such governmental agencies, and the parties shall be subject to conditions and obligations, as such governmental agencies may, from time to time, direct in the exercise of their jurisdiction, provided no change may be made in rates or in essential terms and conditions of this contract except by agreement of the parties to this contract. Both parties agree to exert their best efforts to comply with all of the applicable rules and regulations of all governmental agencies having control over either party or this Agreement. The parties shall take all reasonable action necessary to secure all required governmental approval of this Agreement in its entirety and without change.

The delivery date, quantity, and type of electricity to be accepted for purchase by Company, from Seller, are subject to changes, restrictions, curtailments, or complete suspensions by Company as may be deemed by it to be necessary or advisable (a) on account of any lawful order or regulation of any municipal, State, or Federal government or agency thereof, or order of any court of competent jurisdiction, or (b) on account of any emergency due to war, or catastrophe, all without liability on the part of the Company therefor.

Supersedes: April 1, 2014
Effective: March 1, 2016
NCUC Docket No E-100, Sub 140

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Duke Energy Progress, LLC Proposed North Carolina Tariffs

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Jun 01 2017

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Duke Energy Progress, LLC
(North Carolina Only)

R-1

RESIDENTIAL SERVICE
SCHEDULE RES-45

AVAILABILITY

This Schedule is available when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm's products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons.

Service under this Schedule is not available for processing (or handling) for market of farm products produced by others; for separately metered domestic or farm operations; for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); for commercial or industrial purposes; for other uses not specifically provided for by the provisions herein; or for resale service, except as provided for in Chapter 22 of the Commission Rules regarding the provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment at Company's expense to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

Bills Rendered During July - October

A. Basic Customer Charge:
\$19.50 per month

B. Kilowatt-Hour Charge:
10.502¢ per kWh

Bills Rendered During November - June

Basic Customer Charge:
\$19.50 per month

Kilowatt-Hour Charge:
10.002¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.29/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule RES-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

R-2

RESIDENTIAL SERVICE
TIME-OF-USE
SCHEDULE R-TOUD-45

AVAILABILITY

This Schedule is available on a voluntary basis when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons. This Schedule is also available to an existing residential customer (1) if service is also received under Net Metering for Renewable Energy Facilities Rider NM or (2) if served under the Residential Service Time-of-Use Schedule R-TOUD before December 1, 2013 until such time as service is terminated or service is elected under another available schedule.

This Schedule is also available to customers served under the Residential Service Load Control Rider with applicable billing credits. Billing demands established and energy consumed by the load subject to control will be billed in accordance with this Schedule.

Service under this Schedule is not available: (1) for processing (or handling) for market of farm products produced by others; (2) for separately metered domestic or farm operations; (3) for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); (4) for commercial or industrial purposes; (5) for other uses not specifically provided for by the provisions herein; (6) for new applicants on and after December 1, 2013, or (7) for resale service, except as provided for in Chapter 22 of the Commission Rules regarding the provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment at Company's expense to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during calendar months of June through September:

1. Basic Customer Charge:
\$22.35
2. On-Peak kW Demand Charge:
\$5.40 per kW for all on-peak
Billing Demand
3. kWh Energy Charge:
6.707¢ per on-peak kWh
5.782¢ per off-peak kWh

B. Service used during calendar months of October through May:

1. Basic Customer Charge:
\$22.35
2. On-Peak kW Demand Charge:
\$4.32 per kW for all on-peak
Billing Demand
3. kWh Energy Charge:
6.707¢ per on-peak kWh
5.782¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.29/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

BILLING DEMAND

The on-peak Billing Demand shall be the maximum demand used in the on-peak hours of the current month during any 15-minute interval.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessor, at the current location, the Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule R-TOUD-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

R-3

RESIDENTIAL SERVICE
TIME-OF-USE
SCHEDULE R-TOU-45

AVAILABILITY

This Schedule is available on a voluntary basis when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons.

Service under this Schedule is not available: (1) for processing (or handling) for market of farm products produced by others; (2) for separately metered domestic or farm operations; (3) for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); (4) for commercial or industrial purposes; (5) for other uses not specifically provided for by the provisions herein; or (6) for resale service, except as provided for in Chapter 22 of the Commission Rules regarding provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during the calendar months of June through September:

1. Basic Customer Charge:

\$22.35

B. Service used during the calendar months of October through May:

1. Basic Customer Charge:

\$22.35

2. kWh Energy Charge:

24.619¢ per on-peak kWh
12.310¢ per shoulder kWh
7.034¢ per off-peak kWh

2. kWh Energy Charge:

23.388¢ per on-peak kWh
12.002¢ per shoulder kWh
7.034¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.29/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

DETERMINATION OF ON-PEAK, SHOULDER, AND OFF-PEAK HOURS

I. Service used beginning at 12:00 midnight March 31, and ending at 12:00 midnight September 30:

- A. The on-peak hours are defined as the hours between 1:00 p.m. and 6:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 11:00 a.m. and 1:00 p.m. and between 6:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

II. Service used beginning at 12:00 midnight September 30, and ending at 12:00 midnight March 31:

- A. The on-peak hours are defined as the hours between 6:00 a.m. and 9:00 a.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 9:00 a.m. and noon and between 5:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

III. Off-Peak Holidays:

All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessor, at the current location, the Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule R-TOU-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

G-1

SMALL GENERAL SERVICE
SCHEDULE SGS-45

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand of less than 30 kW, until the Customer's registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or until the Customer's registered demand equals or exceeds 50 kW.

This Schedule is not available: (1) for residential service, (2) for resale service, (3) for a Contract Demand of 30 kW or more, (4) whenever the monthly registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or (5) whenever the monthly registered demand equals or exceeds 50 kW. The Company may at any time conduct a test or install a demand meter to determine the maximum 15-minute demand.

When the Customer has installed generating or converting equipment that can operate in parallel with the Company's service, the Customer shall install the protective equipment acceptable to the Company that will protect the Company's employees, its other customers, and its distribution system. The Company shall have the right to suspend delivery of electricity to the Customer with such generating or converting equipment until the Customer has installed the protective equipment.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Single-Phase Service:

A. \$22.50 Customer Charge

B. Kilowatt-Hour Energy Charge:

11.284¢ per kWh for the first 750 kWh
9.417¢ per kWh for the next 1,250 kWh
8.909¢ per kWh for all additional kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SGS-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

G-2

SMALL GENERAL SERVICE
ALL-ENERGY TIME-OF-USE
SCHEDULE SGS-TOUE-45

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand of less than 30 kW, until the Customer's registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or until the Customer's registered demand equals or exceeds 50 kW.

This Schedule is not available: (1) for residential service, (2) for resale service, (3) for a Contract Demand of 30 kW or more, (4) whenever the monthly registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or (5) whenever the monthly registered demand equals or exceeds 50 kW. The Company may at any time conduct a test or install a demand meter to determine the maximum 15 minute demand.

When the Customer has installed generating or converting equipment that can operate in parallel with the Company's service, the Customer shall install the protective equipment acceptable to the Company that will protect the Company's employees, its other customers, and its distribution system. The Company shall have the right to suspend delivery of electricity to the Customer with such generating or converting equipment until the Customer has installed the protective equipment.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during the calendar months of June through September:

1. Basic Customer Charge:

\$22.50

B. Service used during the calendar months of October through May:

1. Basic Customer Charge:

\$22.50

2. kWh Energy Charge:

23.817¢ per on-peak kWh
11.909¢ per shoulder kWh
5.954¢ per off-peak kWh

2. kWh Energy Charge:

21.435¢ per on-peak kWh
11.314¢ per shoulder kWh
5.954¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

DETERMINATION OF ON-PEAK, SHOULDER, AND OFF-PEAK HOURS

I. Service used beginning at 12:00 midnight March 31, and ending at 12:00 midnight September 30:

- A. The on-peak hours are defined as the hours between 1:00 p.m. and 6:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 11:00 a.m. and 1:00 p.m. and between 6:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

II. Service used beginning at 12:00 midnight September 30, and ending at 12:00 midnight March 31:

- A. The on-peak hours are defined as the hours between 6:00 a.m. and 9:00 a.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 9:00 a.m. and noon and between 5:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

III. Off-Peak Holidays:

All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SGS-TOUE-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

G-3

MEDIUM GENERAL SERVICE
SCHEDULE MGS-45

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand or a registered or computed demand of 30 kW and greater, but less than 1,000 kW. This Schedule is also available to an existing nonresidential customer if served under the Small General Service Schedule SGS on September 24, 1982 with: (1) a Contract Demand of 1,000 kW or more, until such time as service is terminated, or service is elected under another available schedule; or (2) a Contract Demand below 1,000 kW until such time as the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months or the Customer's Contract Demand is increased to 1,000 kW or more, whereupon this Schedule will no longer be available thereafter.

This Schedule is not available: (1) for residential service; (2) for breakdown, standby, or supplementary service unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (3) for resale service; or (4) for a new customer after September 23, 1982 with a Contract Demand of 1,000 kW or more, or whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months.

MONTHLY RATE

I. For Single-Phase Service:

- A. Customer Charge: \$30.00 per month
- B. Billing Demand: \$6.19 per kW
- C. Kilowatt-Hour Energy Charge:
7.108¢ per kWh for all kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

BILLING DEMAND

The Billing Demand shall be the greater of: (1) the maximum kW registered or computed, by or from the Company's metering facilities, during any 15-minute interval within the current billing month; (2) 80% of the maximum 15-minute demand during the billing months of July through October of the preceding 11 billing months; (3) 60% of the maximum monthly 15-minute demand during the billing months of November through June of the preceding 11 billing months; (4) 75% of the Contract Demand until such time as the Billing Demand first equals or exceeds the effective Contract Demand; or (5) 25 kW.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

- I. That the service supplied shall be for a continuous period until disconnected; and
- II. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule MGS-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

G-4

SEASONAL OR INTERMITTENT SERVICE
SCHEDULE SI-45

AVAILABILITY

This Schedule is available for a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, and whose operation is normally seasonal or varies greatly from month to month; whose actual kW demand for at least two consecutive months is less than 30% of the greater of the Contract Demand or maximum demand registered in the preceding 12 months; and whose Contract Demand or registered or computed demand is 30 kW or more.

This Schedule is not available for short-term, construction, temporary, breakdown, standby, or supplementary service or for Contract Demands or loads of less than 30 kW or greater than 100,000 kW.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

- I. For those months when service is used:

For Single-Phase Service:

- A. \$30.00 Customer Charge
- B. Kilowatt-hour Energy Charge:
- 12.877¢ per kWh for the first 2,000 kWh
- 10.469¢ per kWh for all additional kWh

For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

- II. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

- III. A charge will be added to the monthly bill in each of three consecutive months in each contract year to be referred to as facilities charge months. Facilities charge months shall begin with the first month service is taken or as specified in the Service Agreement but shall not begin later than the tenth month of the contract year. The charge to be added during each facilities charge month will be determined as follows:

- \$41.00 Customer Seasonal Charge
- \$ 1.84 per kW Facilities Charge for each kW of demand registered in the first facilities charge month or the maximum 15-minute registered demand in the previous 11 months or the Contract Demand, whichever is greater.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

REMOVAL OF FACILITIES

If the Customer is not using service or is only partially using service, the Company may, after notice to the Customer, remove any of its transformers and other equipment (other than structures and conductors) or may substitute other equipment for that which is being only partially used by the Customer. In either event, the Company will furnish and install, at its own expense, the same or equivalent equipment, or any needed substitute equipment, at the time the Customer notifies the Company of their desire to resume taking service.

CONTRACT PERIOD

The Contract Period shall not be less than one year, except where the Customer fails to meet the availability requirement of this Schedule.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SI-42A
Effective for service rendered on and after July 1, 2017
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Duke Energy Progress, LLC
(North Carolina Only)

G-5

SMALL GENERAL SERVICE
(TIME-OF-USE)
SCHEDULE SGS-TOU-45

AVAILABILITY

This Schedule is available on a voluntary basis for electric service used by a nonresidential customer with an initial Contract Demand of 30 kW or greater but less than 1,000 kW. This Schedule is also available to an existing nonresidential customer with a Contract Demand below 30 kW (1) if service is also received under Net Metering for Renewable Energy Facilities Rider NM or (2) if served under the Small General Service (Time-of-Use) Schedule SGS-TOU before December 1, 2013, until such time as service is terminated or service is elected under another available schedule.

This Schedule is not available: (1) for residential service; (2) for breakdown, standby, or supplementary service, unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (3) for resale service; (4) for new applicants with a Contract Demand below 30 kW on and after December 1, 2013; or (5) whenever the registered or computed demand equals or exceeds 1,000 kW and an increase in the capacity of Company's facilities is required.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

- I. Service used during the calendar months of June through September:
 - A. Basic Customer Charge:
\$37.00
 - B. kW Demand Charge:
 - 1. \$ 11.34 per kW for all kW of on-peak Billing Demand
 - 2. \$ 1.32 per kW for all off-peak excess Billing Demand

C. kWh Energy Charge:

5.846¢ per on-peak kWh
4.955¢ per off-peak kWh

II. Service used during the calendar months of October through May:

A. Basic Customer Charge:

\$37.00

B. kW Demand Charge:

1. \$9.45 per kW for all kW of on-peak Billing Demand
2. \$1.32 per kW for all off-peak excess Billing Demand

C. kWh Energy Charge:

5.846¢ per on-peak kWh
4.955¢ per off-peak kWh

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.501¢ per kWh, and (4) \$1.32 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year, except where Customer fails to meet the availability requirements of this Schedule. For short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event Customer agrees:

- I. That the service supplied shall be for a continuous period until discontinued; and
- II. That where it is necessary for Company to extend lines, erect transformers, or do any work necessary to supply service, Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SGS-TOU-42A
Effective for service rendered on and after July 1, 2017
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Duke Energy Progress, LLC
(North Carolina Only)

G-6

CHURCH SERVICE
(TIME-OF-USE)
SCHEDULE CH-TOUE-45

AVAILABILITY

This schedule is available on a voluntary basis for electric service used by churches with a Contract Demand or a registered or computed demand of 30 kW and greater, but less than 1,000 kW.

This Schedule is not available: (1) for residential service; (2) for short-term, construction, temporary, breakdown, standby, or supplementary service; (3) for resale service; (4) for a Contract Demand of 1,000 kW or more; (5) whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months and an increase in the capacity of Company's facilities is required; (6) whenever the registered or computed demand equals or exceeds 1,500 kW; or (7) for electric service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule.

Company has the right to install, operate, and monitor special equipment to measure Customer's load characteristics.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Service used during the calendar months of June through September:

A. Basic Customer Charge:
\$37.00

B. kWh Energy Charge:
27.113¢ per on-peak kWh
6.964¢ per off-peak kWh

II. For Service used during the calendar months of October through May:

A. Basic Customer Charge:

\$37.00

B. kWh Energy Charge:

25.458¢ per on-peak kWh

6.964¢ per off-peak kWh

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.501¢ per kWh and (4) \$1.32 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand registered or computed from Company's metering facilities during the current and preceding 11 billing months.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will also be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessors, the Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule CH-TOUE-42A
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Duke Energy Progress, LLC
(North Carolina Only)

G-7

GENERAL SERVICE
(THERMAL ENERGY STORAGE)
SCHEDULE GS-TES-45

AVAILABILITY

This Schedule is available on a voluntary basis for electric service when used for thermal storage equipment to provide space conditioning requirements by a nonresidential customer with a Contract Demand less than 4,000 kW. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize electrical loads of chillers, boilers, pumps, or fans.

This Schedule is not available: (1) for residential service; (2) for temporary service; (3) for service used for purposes other than thermal storage space conditioning equipment; (4) for breakdown, standby, or supplementary service; (5) for resale service; or (6) for a Contract Demand of 4,000 kW or more.

APPLICABILITY

This Schedule is applicable to electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

For Contract Demands less than 1,000 kW*	\$37.00
For Contract Demands of 1,000 kW or greater	\$204.00

*If the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months, the Basic Customer Charge shall be increased to \$204.00 thereafter.

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand	\$12.87 per kW	\$11.49 per kW
B. Off-Peak Excess Billing Demand	\$1.32 per kW	\$1.32 per kW

III. kWh Energy Charge:

4.861¢ per on-peak kWh
4.586¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.501¢ per kWh, and (4) \$1.32 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 12:00 noon and 8:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule GS-TES-42A
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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

G-8

AGRICULTURAL POST-HARVEST PROCESSING
(EXPERIMENTAL THERMAL ENERGY STORAGE)
SCHEDULE APH-TES-45

AVAILABILITY

This Schedule is available on an experimental basis for electric service to the first ten customers applying when used by thermal storage equipment installed for the post-harvest processing of fruits and vegetables. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize electrical loads of chillers, boilers, pumps, or fans. The Contract Demand must be less than 1,000 kW.

This Schedule is not available: (1) for service used for purposes other than thermal storage equipment utilized in the processing of fruits and vegetables; (2) for temporary service; (3) for breakdown, standby, or supplementary service; (4) for resale service; (5) for a Contract Demand of 1,000 kW or more; or (6) whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months.

APPLICABILITY

This Schedule is applicable to electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

\$37.00

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand	\$12.87 per kW	\$11.49 per kW
B. Off-Peak Excess Billing Demand	\$ 1.32 per kW	\$1.32 per kW

III. kWh Energy Charge:

4.861¢ per on-peak kWh
4.586¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 3.501¢ per kWh, and (4) \$1.32 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 12:00 noon and 8:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule APH-TES-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

G-9

LARGE GENERAL SERVICE
SCHEDULE LGS-45

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer with either a Contract Demand that equals or exceeds 1,000 kW or whenever the registered or computed demand equals or exceeds 1,000 kW in the preceding 12 months.

This Schedule is not available: (1) for breakdown, standby, or supplementary service unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (2) for resale service; or (3) for any new customer with a Contract Demand in excess of 100,000 kW.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher or the voltage at which Customer was being served on September 24, 1982. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

\$204.00

II. kW Demand Charge:

\$13.35 per kW for the first 5,000 kW of Billing Demand
\$12.35 per kW for the next 5,000 kW of Billing Demand
\$11.35 per kW for all over 10,000 kW of Billing Demand

III. kWh Energy Charge:

5.769¢ per kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Transformation Discounts:

When Customer owns the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, the charge per kW of Billing Demand and per kWh will be reduced in accordance with the following:

<u>Transmission Service</u> <u>Transformation Discount</u>	<u>Distribution Service</u> <u>Transformation Discount</u>
\$0.51/kW	\$0.44/kW
\$0.00040/kWh	\$0.00005/kWh

Transmission: For Customer to qualify for the Transmission Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service at the voltage of the 69 kV, 115 kV, or 230 kV transmission line from which Customer received service.

Distribution: For Customer to qualify for the Distribution Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service from the distribution line of 12.47 kV or higher from which Customer receives service. The distribution service source must be from a general distribution line and must be from other than a transmission-to-distribution substation built primarily for Customer's use in order to qualify for the Distribution Service Transformation Discount. A general distribution line is a 12.47 kV or higher voltage distribution line built to serve the general area and not built primarily to serve a specific customer.

Company shall have the option to install high-side metering equipment or low-side metering equipment compensated for Customer-owned transformer and line losses.

Any facilities which Company provides above those which Company would normally have utilized to service Customer's Contract Demand shall be considered as Extra Facilities. Any Company-owned protection system installed when service is directly from Company's 69 kV, 115 kV, or 230 kV transmission system or a distribution line of 12.47 kV or higher shall be considered Extra Facilities.

If changing conditions on Company's electrical system make continuation of the current delivery voltage impractical, Customer shall be responsible for all costs for the conversion beyond the point of delivery except any Company-owned metering equipment. At the time of the conversion, Company reserves the right to provide service at one of its available voltages.

If subsequent changes in the use of Company's facilities occur which cause the reclassification of either transformers or lines, Customer's entitlement to the discount may be changed.

VI. Minimum Bill:

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment plus a charge for 1,000 kW.

BILLING DEMAND

The Billing Demand shall be the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current billing month. However, the Billing Demand shall not be less than the greater of: (1) 80% of the maximum monthly 15-minute demand during the billing months of July through October of the preceding 11 billing months, or (2) 60% of the maximum monthly 15-minute demand during the billing months of November through June of the preceding 11 billing months, or (3) 75% of the Contract Demand until such time as the Billing Demand first equals or exceeds the effective Contract Demand, or (4) 1,000 kW.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demands used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction or temporary service, the Contract Period may be for the period requested by Customer and in such event Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for Company to extend lines, erect transformers, or do any work necessary to supply service, Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule LGS-42A

Effective for service rendered on and after July 1, 2017

NCUC Docket No. E-2, Sub 1142

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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

G-10

LARGE GENERAL SERVICE
(TIME-OF-USE)
SCHEDULE LGS-TOU-45

AVAILABILITY

This Schedule is available on a voluntary basis for electric service used by a nonresidential customer with either a Contract Demand that equals or exceeds 1,000 kW or whenever the registered or computed demand equals or exceeds 1,000 kW in the preceding 12 months.

This Schedule is not available: (1) for breakdown, standby, or supplementary service, unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (2) for resale service; (3) for short-term or temporary service; or (4) for any new customer with a Contract Demand in excess of 100,000 kW.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher or the voltage at which Customer was being served on September 19, 1983. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:
\$204.00

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand:		
First 5,000 kW of Billing Demand	\$19.61 per kW	\$14.47 per kW
For the next 5,000 kW of Billing Demand	\$18.61 per kW	\$13.47 per kW
All over 10,000 kW of Billing Demand	\$17.61 per kW	\$12.47 per kW
B. All off-peak excess Billing Demand	\$ 0.91 per kW	\$ 0.91 per kW

III. kWh Energy Charge:

5.466¢ per on-peak kWh
4.966¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Transformation Discounts:

When Customer owns the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, the charge per kW of on-peak Billing Demand and per kWh will be reduced in accordance with the following:

<u>Transmission Service</u>	<u>Distribution Service</u>
<u>Transformation Discount</u>	<u>Transformation Discount</u>
\$0.51/kW	\$0.44/kW
\$0.00040/kWh	\$0.00005/kWh

Transmission: For Customer to qualify for the Transmission Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service at the voltage of the 69 kV, 115 kV, or 230 kV transmission line from which Customer received service.

Distribution: For Customer to qualify for the Distribution Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service from the distribution line of 12.47 kV or higher from which Customer receives service. The distribution service source must be from a general distribution line and must be from other than a transmission-to-distribution substation built primarily for Customer's use in order to qualify for the Distribution Service Transformation Discount. A general distribution line is a 12.47 kV or higher voltage distribution line built to serve the general area and not built primarily to serve a specific customer.

Company shall have the option to install high-side metering equipment or low-side metering equipment compensated for Customer-owned transformer and line losses.

Any facilities which Company provides above those which Company would normally have utilized to service Customer's Contract Demand shall be considered as Extra Facilities. Any Company-owned protection system installed when service is directly from Company's 69 kV, 115 kV, or 230 kV transmission system or a distribution line of 12.47 kV or higher shall be considered Extra Facilities.

If changing conditions on Company's electrical system make continuation of the current delivery voltage impractical, Customer shall be responsible for all costs for the conversion beyond the point of delivery except any Company-owned metering equipment. At the time of the conversion, Company reserves the right to provide service at one of its available voltages.

If subsequent changes in the use of Company's facilities occur which cause the reclassification of either transformers or lines, Customer's entitlement to the discount may be changed.

VI. Minimum Bill:

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment plus a charge for 1,000 kW at the off-peak excess demand rate.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed by or from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed by or from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demand used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

RIDER APPLICATIONS

When this Schedule is used in conjunction with any applicable rider, the charges, if any, as stated in the rider will be adjusted to reflect the on-peak and off-peak periods and on-peak and off-peak charges in this Schedule unless specific and different on-peak and off-peak periods and charges are stated in the rider.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule LGS-TOU-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

LARGE GENERAL SERVICE
(REAL TIME PRICING)
SCHEDULE LGS-RTP-45

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JUN 01 2017

AVAILABILITY

This Schedule is available for electric service to a maximum of eighty-five (85) nonresidential Customer accounts with a Contract Demand that equals or exceeds 1,000 kW.

This Schedule is not available: (1) for short-term or temporary service; (2) for electric service in conjunction with Incremental Power Service Rider IPS or Dispatched Power Rider No. 68; (3) for electric service in conjunction with Economic Development Rider ED and Large Load Curtailable Rider LLC, except as provided for in the RTP Base Charge; or (4) for any new Customer with a Contract Demand in excess of 50,000 kW.

Power delivered under this Schedule shall not be used for resale, or as a substitute for power contracted for or which may be contracted for under any other schedule of Company, except at the option of Company, under special terms and conditions expressed in writing in the contract with Customer. Customer shall be required to furnish and maintain a communication link and equipment suitable to support remote reading of Company's meter serving Customer and to support daily receipt of the Hourly Real Time Pricing (RTP) rates. Customer may use emergency or back-up generation to respond to RTP hourly rates without receiving standby service.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the type of service necessary for Customer's requirements will be supplied under this Schedule.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

CUSTOMER BASELINE LOAD (CBL)

Company shall establish a Customer Baseline Load (CBL), expressed in kilowatt-hours, using one complete year of Customer-specific hourly load data that, in Company's opinion, represents Customer's electricity consumption pattern and is typical of Customer's operation for billing under the otherwise applicable tariffs and from which to measure changes in consumption for billing pursuant to this Schedule. For situations in which hourly load data are not available, a CBL will be constructed by Company using load shapes of Customers with similar usage patterns and from relevant information provided by Customer and verified by Company. The initial CBL shall consider verifiable changes in Customer's operation such as (1) installation of permanent energy efficiency measures; (2) permanent removal or addition of Customer's equipment; (3) one-time extraordinary events such as natural disasters; (4) annual plant shutdowns or other random variations in the load patterns; and (5) other on-going changes in demand. The CBL for new Customers will be calculated in the same manner as the CBL for existing Customers. Establishment of a CBL is a precondition for use of this Schedule.

SUBSEQUENT CBL ADJUSTMENT

After the initial CBL is established, it shall only be subject to an adjustment at Customer's request by providing 30-days advance written notice. Any downward adjustment is subject to Company's concurrence and will be consistent with the principles of initial CBL establishment.

CBL CALENDAR MAPPING

To provide Customer with the appropriate CBL for the RTP Service Year, the hourly consumptions established by the CBL shall be calendar-mapped to the corresponding day of the RTP Service Year. Calendar-mapping is a day-matching method to ensure that Mondays are matched to Mondays, holidays to holidays, etc.

The CBL shall be established by first identifying holidays and then grouping the remaining days (i.e., Mondays, Tuesdays, etc.) and averaging over the calendar month to result in hourly consumption for a typical week in each calendar month. The CBL result shall then be adjusted for each calendar month to reflect annual plant shutdowns, holidays, or other known work stoppages during the next RTP Service Year. Calendar-mapping is performed prior to each annual renewal of service under this Schedule after adjustments, if any, are made to the CBL.

MONTHLY RATE

The monthly rate shall consist of the following charges:

I. RTP Administrative Charge:

\$165.00

II. RTP Base Charge:

RTP Base Charge = Monthly Bill for the CBL consumption and monthly billing demand of the current billing month pursuant to the conventional LGS Class tariffs under which Customer either previously received service or would have elected to receive service prior to electing this Schedule. When the conventional tariffs include Economic Development Rider ED or Large Load Curtailable Rider LLC, the provisions of these Riders shall only apply to the CBL usage.

III. RTP Hourly Energy Charge Adjustment:

RTP Hourly Energy Charge = $\Sigma\{\text{Hourly RTP Rate} \times (\text{Hourly Consumption} - \text{CBL Consumption})\}$

where:

Σ = The summation of the RTP charges and credits for each hour of the current billing month.

The Hourly RTP Rate shall be determined based upon the following formula:

Hourly RTP Rate = $(\text{MENERGY} + \text{CAP} + \text{ADDER}) \times (1 + \text{TAXES})$

where:

MENERGY = Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses

CAP	=	Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15
ADDER	=	$\beta \times (\text{Class Rate-Hourly Marginal Cost})$, but not less than zero
where:		
β	=	a fixed value equal to 0.20
Class Rate	=	the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing
Hourly Marginal Cost	=	the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above
TAXES	=	NC Regulatory Fee (currently 0.14%)

IV. Facilities Demand Charge:

per kW of Facilities Demand for service provided from:

Transmission System (voltage of 69 kV or higher) without transformation	\$1.58/kW
Transmission System (voltage of 69 kV or higher) with one transformation	\$2.09/kW
Distribution System (voltage below 69 kV) without transformation	\$2.59/kW
Distribution System (voltage below 69 kV) with one transformation	\$3.03/kW

The kW of Facilities Demand shall be the greater of (1) the Contract Demand or (2) the maximum demand registered or recorded by Company's meter during a 15-minute interval in the current billing month, in excess of the maximum 15-minute billing demand included in the CBL applicable to the current billing month. The Contract Demand used to determine the Facilities Demand shall exclude any Standby Service kW, when applicable.

V. Rider Adjustments:

DSM/EE Incremental Charge = (Actual Consumption – CBL Consumption) X Rider Adjustment

where:

Actual Consumption = kWh consumed during the billing month

CBL Consumption = kWh billed as the CBL during the billing month

Rider Adjustment = Sum of the DSM/EE and DSM/EE EMF rate adjustments during the current billing month

VI. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification -	\$10.66/month
Industrial/Public Authority Classification -	\$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve

in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PROVISION OF STANDBY SERVICE

If service is received under a standby or back-up service tariff prior to service under this Schedule, the use of standby service shall be excluded from initial determination of the CBL. The RTP Base Charge, as set forth in the Monthly Rate provision above, shall include billing of Supplementary Service but shall not include charges related to use of Standby Service. The Monthly Rate provisions of the applicable standby or back-up service tariff shall be calculated assuming no standby or back-up service was used with any actual use of Standby Service being billed pursuant to the RTP Hourly Energy Charge provisions of this Schedule. All other provisions of the applicable standby or back-up service tariff apply.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demand used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

CUSTOMER RATE NOTIFICATION

Company will notify Customer of the hourly prices via electronic mail, or other method of communications acceptable to Company, by 4 p.m. of the preceding business day. Prices for Saturday, Sunday, and Monday will generally be available on the preceding Friday. For a recognized holiday and the day following the holiday, prices will be available the preceding Company business day. Whenever prices are provided in excess of a day ahead and updated projections would result in significantly different prices, Company reserves the right to issue revised prices provided such prices are conveyed no later than 4 p.m. on the preceding calendar day.

Company is not responsible or liable for Customer's failure to receive and act upon the hourly prices. If Customer does not receive these prices, it is Customer's responsibility to inform Company so that future prices may be supplied.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be monthly and will be automatically renewed unless terminated by either party by giving not less than thirty (30) days written notice of termination.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Where Customer's other source of power is connected electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems. Should Company determine that Customer's facilities are not adequate to protect Company's facilities, Company may install the necessary facilities and Customer shall pay for the extra facilities in accordance with Company's Service Regulations.

Company makes no representation regarding the benefits of Customer subscribing to this Schedule. Customer, in its sole discretion, shall determine the feasibility and benefits of Customer subscribing to this Schedule.

Supersedes Schedule LGS-RTP-42A
Effective for service rendered on and after July 1, 2017
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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

G-12

CHURCH AND SCHOOL SERVICE
SCHEDULE CSG-45

AVAILABILITY

This Schedule is available for electric service used in a church plant contracting to pay for service for 12 months in each calendar year when Company does not own equipment, other than meters or metering equipment, on Customer's side of the point of delivery.

This Schedule is also available for electric service used in educational and recreational buildings operated as an educational institution of elementary or high school level provided that no part of the school is used for boarding facilities to accommodate students or faculty members.

This Schedule is not available for service to other types of schools, such as an industrial, vocational or training school; or for service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule; or for breakdown, standby, or supplementary service.

This Schedule is not available for new applications after June 30, 1977. Customer will be billed on this Schedule until Customer requests another available schedule or until Company's review of the preceding 12 months' history indicates the total annual bill on another available schedule would have been equal to or less than billing under this Schedule.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

MONTHLY RATE

I. For Single-Phase Service:

- A. Customer Charge: \$30.00
- B. Kilowatt-hour Energy Charge: 18.061¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

Minimum: The minimum charge shall be the sum of (1) the Customer Charge, (2) the Three-Phase charge, if applicable, (3) the REPS Adjustment, (4) \$2.75 for each kW, and (5) 3.501¢ per kWh. The kW of Demand shall be the greater of (a) the Contract Demand or (b) the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current or preceding 11 billing months.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule CSG-42A

Effective for service rendered on and after July 1, 2017

NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

G-13

CHURCH AND SCHOOL SERVICE
SCHEDULE CSE-45

AVAILABILITY

This Schedule is available when permanently installed electric space heating equipment is the only type of space heating equipment installed in either: (1) all parts of the church plant; (2) in the church sanctuary and pertinent rooms thereto; (3) in all parts of the church plant, except the parts contained in item (2); (4) in a newly constructed church educational building with not less than 50% of the floor area of the existing church plant, excluding the parts contained in item (2); or (5) any separately metered church building comprising a part of the church plant.

This Schedule is also available for electric service used in educational and recreational buildings operated as an educational institution of elementary or high school level when permanently installed electric space heating equipment is the only type of equipment installed for space heating purposes and all installed cooking and water heating equipment is electrical, provided that no part of the school is used for boarding facilities to accommodate students or faculty members.

This Schedule is not available for service to other types of schools, such as an industrial, vocational or training school; or for service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule; or for breakdown, standby, or supplementary service.

This Schedule is not available for new applications after June 30, 1977. Customer will be billed on this Schedule until Customer requests another available schedule or until Company's review of the preceding 12 months' history indicates the total annual bill on another available schedule would have been equal to or less than billing under this Schedule.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the three-phase 4 wire type will be supplied.

MONTHLY RATE

- I. For Single-Phase Service:
 - A. Customer Charge: \$30.00
 - B. Kilowatt-hour Energy Charge: 14.469¢ per kWh
- II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00

Minimum: The minimum charge shall be the sum of (1) the Customer Charge, (2) the Three-Phase Charge, if applicable, (3) the REPS Adjustment, (4) \$2.75 for each kW, and (5) 3.501¢ per kWh. The kW of Demand shall be the greater of (a) the contract demand or (b) the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current or preceding 11 billing months.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule CSE-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

**SMALL GENERAL SERVICE (CONSTANT LOAD)
SCHEDULE SGS-TOU-CLR-45**

AVAILABILITY

This Schedule is available at Company's sole discretion for electric service used by a nonresidential customer with equipment that supports an expectation of constant operation at a single point of delivery, at one of the Company's standard voltages. Customer may be required to furnish Company engineering specifications, meter history results, or other evidence to support an expectation of a constant load. This Schedule is not available other applications. Customer shall notify Company in writing if Customer's equipment or mode of operation change to no longer support an expectation of constant operation.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

\$22.50 Basic Facilities Charge

7.529¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes the constant load provision of Schedule SGS-TOUE-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

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Duke Energy Progress, LLC
(North Carolina Only)

L-1

TRAFFIC SIGNAL SERVICE
SCHEDULE TSS-45

AVAILABILITY

This Schedule is available for electric service supplied for the operation and illumination of traffic signals installed along public and private highways where Company has an existing secondary distribution line.

INSTALLATION

The Company, for each signal or group of signals operating from one controller, will make its connection to Customer's service wire at a point one foot below the lowest support, carrying existing 120/240 volt conductors, or the equivalent, on the nearest pole. Customer will furnish, install, and maintain all service wires, fixtures, and other necessary equipment, including lamps and lamp renewals, for the installation and operation of all traffic signals.

TYPE OF SERVICE

Alternating current, 60 hertz, single-phase, 2 wires, 120 volts nominal.

DEFINITIONS

A One-way Signal is a signal with only one face which can be seen from only one approach.

A Multi-Direction Signal is a signal with more than one face each of which can be seen from only one approach.

MONTHLY RATE

I. MONTHLY RATE PER SIGNAL

TYPE OF SIGNAL	With Lamps of 70 Watts or Less(1) <u>Operating for a Maximum Day of</u>		With Lamps of 150 Watts or Less <u>Operating for a Maximum Day of</u>	
	<u>16 Hours/kWh</u>	<u>24 Hours/kWh</u>	<u>16 Hours/kWh</u>	<u>24 Hours/kWh</u>
Blinker Signal with One Lamp.....	\$1.93 / 19	\$2.61 / 28	\$3.52 / 33	\$4.89 / 49
One-way Signal with One Lamp.....	2.55 / 35	3.47 / 51	5.18 / 62	7.44 / 92
Two Lamps.....	3.16 / 35	4.17 / 51	6.54 / 62	8.91 / 92
Three Lamps.....	3.34 / 35	4.51 / 51	6.67 / 62	9.18 / 92
Four Lamps.....	4.16 / 50	5.77 / 75	9.13 / 91	12.60 / 135
Five Lamps (2).....	3.34 / 35	4.51 / 51	6.67 / 62	9.18 / 92

(1) When a customer elects to install a lamp of 120 watts or less, in lieu of 70 watts or less, in the red cycle of a One-way Signal with two or more lamps, then the rates for all One-way Signals with two, three, or four lamps will be increased by \$0.97 and \$1.22, respectively, for 16 hours and 24 hours of operation.

(2) Used as indicating signals for a turning lane of traffic.

II. Multi-Direction Signal

The rate for a Multi-Direction Signal is the sum of the applicable One-way Signal rate for each face of the Multi-Direction Signal.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum: The amount computed under the above rates but not less than \$22.50 plus the REPS Adjustment.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule TSS-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

L-2

TRAFFIC SIGNAL SERVICE (METERED)
SCHEDULE TFS-45

AVAILABILITY

This Schedule is available for electric service supplied solely for the operation and illumination of traffic signals installed along public and private highways.

INSTALLATION

The Company, for each signal or group of signals operating from one controller, will make its connection to Customer's service wire at a point where Company's conductors may be conveniently extended and terminated. Customer will furnish, install, and maintain all service wires, fixtures, and other necessary equipment, including lamps and lamp renewals, for the installation and operation of all traffic signals.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. For the cost to bill and provide facilities necessary to support consumption of electricity:

\$22.50 Customer Charge

B. For the cost of electricity consumed:

Kilowatt-Hour Energy Charge: 5.783¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule TFS-42A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

L-3

AREA LIGHTING SERVICE
SCHEDULE ALS-45

AVAILABILITY

This Schedule is available for service supplied in the lighting of outdoor areas, private streets, and private driveways by means of mercury vapor, metal halide, sodium vapor lighting, and light emitting diode units. Lighting units will be bracket-mounted on Company-owned poles, and the mercury vapor lamps will be color-corrected.

This Schedule is not available for the lighting of dedicated streets or highways.

SERVICE

Prior to installing area lighting facilities, Customer and Company must enter into an agreement for Area Lighting Service. The service supplied by Company will include the installation and operation, according to Company standards and requirements, of the area lighting units and will include the furnishing of electricity required for the illumination of the lamps from dusk to dawn. After Customer has notified Company that a lamp is not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The lumen rating of the lighting units listed under the MONTHLY RATE indicates the class of lamp.

MONTHLY RATE

I. Overhead Service

Basic Rate: The basic rate per fixture defined below will be billed for installations of standard area lighting fixtures installed on Company's system distribution poles. The basic rate does not include the monthly charges for extra facilities, area lighting poles, underground service, Masterpiece Series Standard Facilities, or any contribution required under this Schedule.

	Monthly Charge Per Fixture	Monthly kWh Per Fixture
<u>Light Emitting Diode Units</u>		
LED 50	\$7.95	18
LED 50 floodlight	11.72	18
LED 75	8.10	25
LED 105	9.88	35
LED 130 floodlight	23.49	44
LED 150	12.56	54
LED 215	15.31	73
LED 260 floodlight	42.68	88
LED 280	17.09	101
LED 420	41.82	142
LED 530	50.73	179
<u>Sodium Vapor Units</u>		
9,500 lumen	\$10.54	46
16,000 lumen	12.27	59
28,500 lumen	14.61	109
50,000 lumen	20.21	152
50,000 lumen floodlight	22.72	168

Monthly Charge
Per Fixture

Monthly kWh
Per Fixture

Lighting Fixtures - No Longer Available to New Applicants

5,800 lumen (Sodium Vapor) ¹	\$6.61	29
9,000 lumen (Metal Halide) ²	12.59	41
7,000 lumen semi-enclosed (Mercury Vapor) ¹	7.76	69
7,000 lumen (Mercury Vapor) ¹	9.10	69
12,000 lumen (Retrofit Sodium Vapor) ¹	11.82	59
20,000 lumen (Metal Halide) ²	17.85	94
21,000 lumen (Mercury Vapor) ¹	13.96	149
21,000 lumen flood (Mercury Vapor) ¹	17.36	160
22,000 lumen (Sodium Vapor) ²	12.89	86
33,000 lumen (Metal Halide) ²	23.06	133
38,000 lumen (Retrofit Sodium Vapor) ¹	16.65	135
40,000 lumen (Metal Halide) ²	23.94	160
60,000 lumen (Mercury Vapor) ¹	26.93	382
60,000 lumen floodlight (Mercury Vapor) ¹	29.71	382
110,000 lumen (Metal Halide) ²	44.44	370

¹ Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the lamp, photocell, fixture or ballast or earlier pursuant to Commission Rule R8-47, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Mercury vapor fixtures shall also be replaced, prior to failure, upon Customer's request.

² Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the fixture or ballast, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Fixtures shall also be replaced, prior to failure, upon Customer's request.

Restricted Lumen Classification	Default Replacement Classification*
5,800 lumen HPS	LED 50
7,000 lumen MV	LED 50
9,000 lumen MH	LED 50
12,000 lumen RSV	LED 50
20,000 lumen MH	LED 150
21,000 lumen MV	LED 150
22,000 lumen HPS	LED 150
33,000 lumen MH	LED 205
38,000 lumen RSV	LED 215
40,000 lumen MH	LED 205
60,000 lumen MV	LED 280
110,000 lumen MH	LED 530

* Whenever a comparable LED fixture is available, an LED fixture shall be installed; otherwise, the default fixture will be a comparable sodium vapor source.

II. Overhead Service to Light Emitting Diode (LED) Lighting

The rate per fixture defined below will be billed for installations of DEP-approved lighting fixtures installed on Company's system distribution poles. Upon notification by Customer that 35% or greater of the light emitting diodes contained within the fixture are not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The rate does not include the monthly charges for extral facilities, special lighting poles or posts, underground service, or any contribution required under this Schedule.

LED Rate (Standard Offer):

	<u>Monthly Charge Per</u>	<u>Monthly kWh Per</u>
<u>Fixture</u>	<u>Fixture*</u>	<u>Fixture</u>
LED 75	\$5.90 ¹	25
LED 105	8.46 ¹	35
LED 215	11.97 ¹	73
LED 205 Site Lighter	12.11	69

* In addition to the Rate, Customer shall pay a monthly charge of 1.0% times the cost difference between the estimated installed cost of a DEP-approved fixture and the LED fixture cost allowance for the stated lumen category in accordance with the EXTRA FACILITIES paragraph below. The monthly charge shall not be less than zero.

¹ The LED 75, LED 105, and LED 215 are not available to new installations under the Standard Option effective September 15, 2014.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification -	\$1.29/month
Commercial/Governmental Classification -	\$10.66/month
Industrial/Public Authority Classification -	\$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Underground Service

For underground service, the monthly bill will be increased by \$3.50 per pole or, in lieu thereof, a one-time contribution of \$521.00 per pole. The monthly pole charge, if selected, may be terminated at any time upon payment by Customer of the one-time contribution. The monthly pole charge defined below will also be applicable to underground service.

V. Special Area Lighting Poles and Posts

A special area lighting pole or post is any Company-owned pole or post, except those installed under Extra Facilities Item IV. below, installed as a part of an area lighting system and on which no other Company overhead distribution facilities are installed except those necessary to provide service to an area lighting system or a pole or post installed as a part of a Company-owned underground area lighting system.

	<u>Monthly Charge</u> <u>Per Pole or Post</u>
Wood	\$2.21
Metal*, Fiberglass, or Post	5.24
12-Foot Smooth Concrete Post**	10.21
16-Foot Smooth Concrete Post**	11.24
Decorative Square Metal	11.24
13-Foot Fluted Concrete Post**	15.34
Decorative Aluminum 12-Foot Post	18.39
Decorative 35- or 39-Foot Tapered Metal Pole	29.21

* Metal will be installed in locations where fiberglass cannot be used as determined by Company.

** Concrete posts will not be available for new installations on and after August 1, 2007. Concrete posts or similar material posts, as determined by Company, will be offered in accordance with the Extra Facilities paragraph.

V. Masterpiece Series Standard Facilities

Masterpiece Series Standard Facilities are deluxe decorative fixtures, posts, and brackets that are normally maintained in inventory by Company to meet the lighting needs of customers. The initial Contract Period for All Masterpiece Series facilities is 10 years. The MONTHLY RATE for Masterpiece Series Standard Facilities is as follows:

Masterpiece Series Fixtures: In addition to the MONTHLY RATE, Item I., for a 9,000 or 9,500 lumen fixture, Customer pays:

Masterpiece Series A Fixture	\$ 3.00
Masterpiece Series B Fixture	\$ 4.15

Masterpiece Series Decorative Posts:

Masterpiece Series A 12-Foot decorative metal post	\$18.39
Masterpiece Series A 16-Foot decorative metal post	\$22.48

Masterpiece Series Bracket:

Masterpiece Series A Twin Mounting Bracket	\$ 5.00
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EXTRA FACILITIES

In addition to the MONTHLY RATE, Customer shall pay a monthly facilities charge when facilities are requested that exceed facilities normally supplied by Company to render lighting service. Customer shall pay a Monthly Facilities Charge of 1.3 percent of the estimated installed cost of the Special Facilities. Special Facilities that are considered to be above normal include, but are not limited to, the following:

- I. Upon Company review and approval, multiple lighting fixtures may be installed per pole. Special facilities shall be considered as the estimated installed cost of the facilities necessary to serve the multiple fixture installation in excess of that normally required to provide standard area lighting service.
- II. Special facilities shall include any distribution transformer and/or primary conductor extension.
- III. For a work request installing an underground circuit, special facilities shall include any conductor length in excess of an average of 250 feet per span. Customer may elect to make a nonrefundable contribution of the estimated installed cost of an underground circuit deemed to be Special facilities without being required to pay a monthly facilities charge.
- IV. Special Facilities shall include special nonstandard poles and posts not listed above in MONTHLY RATE.
- V. For nonstandard fixtures not included in the MONTHLY RATE provision above, the monthly charge will be the charge in accordance with the MONTHLY RATE and the Special Facilities shall be the difference between the estimated installed cost of the nonstandard fixture and the estimated installed cost of the equivalent standard fixture.
- VI. The cost of a bracket or mast arm in excess of the standard facilities for a given fixture type shall be considered as Special Facilities.

NONREFUNDABLE CONTRIBUTION

- I. In the event that rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, Customer will contribute the additional cost except when the Service Extension Provision as stated below is applicable.
- II. Customer will contribute the estimated cost of installing cables under paved or landscaped surface areas; however, Customer may cut and replace the pavement or surface in lieu of making the contribution.

- III. Service supplied under the MONTHLY RATE in this Schedule does not include the conversion of existing overhead secondary conductors to underground. Should Customer desire such a conversion under this Schedule, Customer will contribute to Company, in addition to the applicable contributions above, the estimated net loss in salvage value of the overhead facilities being removed. The Customer will thereafter pay the applicable rate for underground service.

SERVICE EXTENSIONS

The installation of lighting fixtures or poles shall be in a location that is readily accessible by a Company truck to support installation and maintenance of Company facilities.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The initial Contract Period for lighting units shall be one of the following:

- (a) One year when the lighting unit will be mounted on Company's existing distribution pole (excluding temporary service poles), no more than one additional span of overhead secondary conductor is required, and no extra facilities are required;
- (b) Three years for overhead service other than those which comply with the one-year term provisions, and (d) or (e) does not apply; or
- (c) Five years for underground service (includes all LED site lighter and shoe-box fixtures); or
- (d) Ten years for service to all Masterpiece Series facilities, LED facilities (only if installed under the Rate plus a monthly charge option, excluding the LED site lighter and shoe-box fixtures), and for service utilizing fixtures, poles, and posts determined by Company as Special Order nonstandard; or
- (e) Twenty years for service utilizing fixtures, poles, and posts determined by Company as Custom Design nonstandard.
- (f) For temporary lighting facilities, the Customer shall pay the total estimated installed cost plus removal cost minus salvage value of the facilities installed to provide such service in lieu of a Contract Period.

The Contract Period shall extend from year to year thereafter until terminated by Customer or Company. Customer may terminate the Agreement before the expiration of the initial Contract Period by paying to Company a sum of money equal to 40% of the bills which otherwise would have been rendered for the unexpired months of the initial Contract Period.

Company may require Customer to initially make a termination deposit which will not exceed the termination amount computed in accordance with the above paragraph. Such termination deposit will be refunded in equal amounts at the end of each full year service is rendered. This annual refund will be the termination deposit divided by the number of years in the Contract Period.

GENERAL

Service rendered under this Schedule is subject to the provisions of Company's Service Regulations filed with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

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L-4

STREET LIGHTING SERVICE
SCHEDULE SLS-45

AVAILABILITY

This Schedule is available for service supplied in the lighting of dedicated public streets, highways, municipally owned and operated public parking lots, and municipally owned and operated public parks by lighting fixtures mounted on Company-owned poles or government-owned traffic signal poles. This Schedule is also available for continuous service to other installations which were being served on April 1, 1973, under superseded Schedules SL-1G and SL-2C.

SERVICE

The service supplied by Company will include the installation of a street lighting system, according to Company's standards and requirements, which will be owned, maintained, and operated by Company, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. The lumen ratings of lighting units listed under the MONTHLY RATE indicate the general class of lamp.

MONTHLY RATE

I. Overhead Service

Basic Rate: The basic rate per fixture defined below will be billed for installations of standard street lighting fixtures. The basic rate does not include the monthly charges for additional facilities, street lighting poles, underground service, Masterpiece Series Standard Facilities, or any contribution required under this Schedule and under the Street Lighting Service Regulations.

	Monthly Charge Per Fixture	Monthly kWh Per Fixture
<u>Light Emitting Diode Units</u>		
LED 50	\$7.95	18
LED 75	8.10	25
LED 105	9.88	35
LED 150	12.56	54
LED 215	15.31	73
LED 280	17.09	101
LED 420	41.82	142
LED 530	50.73	179
<u>Sodium Vapor</u>		
9,500 lumen	\$10.54	46
16,000 lumen	12.27	59
28,500 lumen	14.61	109
50,000 lumen	20.21	152
<u>Lighting Fixtures - No Longer Available to New Applicants</u>		
5,800 lumen (sodium vapor) ¹	\$6.61	29
7,000 lumen semi-enclosed (mercury vapor) ¹	7.76	69
7,000 lumen (mercury vapor) ¹	9.10	69
9,000 lumen (metal halide) ²	12.59	41
12,000 lumen (Retrofit Sodium Vapor) ¹	11.82	59
20,000 lumen (metal halide) ²	17.85	94
21,000 lumen (mercury vapor) ¹	13.96	149
22,000 lumen (Sodium Vapor) ²	12.89	86
33,000 lumen (metal halide) ²	23.06	133
38,000 lumen (Retrofit Sodium Vapor) ¹	16.65	135
40,000 lumen (metal halide) ²	23.94	160
60,000 lumen (mercury vapor) ¹	26.93	382
110,000 lumen (metal halide) ²	44.44	370

¹ Not available for new installations. For all fixtures other than Masterpiece, non-standard or custom design, upon failure of the lamp, photocell, fixture or ballast, or earlier pursuant to Commission Rule R8-47, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Mercury vapor fixtures shall also be replaced, prior to failure, upon Customer's request.

² Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the fixture or ballast, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Fixtures shall also be replaced, prior to failure, upon Customer's request.

Restricted Lumen Classification	Default Replacement Classification*
5,800 lumen HPS	LED 50
7,000 lumen MV	LED 50
9,000 lumen MH	LED 50
12,000 lumen RSV	LED 50
20,000 lumen MH	LED 150
21,000 lumen MV	LED 150
22,000 lumen HPS	LED 150
33,000 lumen MH	LED 205
38,000 lumen RSV	LED 215
40,000 lumen MH	LED 205
60,000 lumen MV	LED 280
110,000 lumen MH	LED 530

* Whenever a comparable LED fixture is available, an LED fixture shall be installed; otherwise, the default fixture will be a comparable high pressure sodium source.

II. Overhead Service to Light Emitting Diode (LED) Lighting

The rate per fixture defined below will be billed for installations of DEP-approved lighting fixtures installed on Company's system distribution poles. Upon notification by Customer that 35% or greater of the light emitting diodes contained within the fixture are not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The rate does not include the monthly charges for extra facilities, special lighting poles or posts, underground service, or any contribution required under this Schedule.

A. LED Rate (Standard Option):

<u>Fixture</u>	<u>Monthly Charge Per</u>	<u>Monthly kWh Per</u>
	<u>Fixture*</u>	<u>Fixture</u>
LED 75	\$5.90 ¹	25
LED 105	8.46 ¹	35
LED 215	11.97 ¹	73
LED 205 Site Lighter	12.11	69

* In addition to the Rate, Customer shall pay a monthly charge of 1.0% times the cost difference between the estimated installed cost of a DEP-approved fixture and the LED fixture cost allowance for the stated lumen category in accordance with the EXTRA FACILITIES paragraph below. The monthly charge shall not be less than zero.

¹ The LED 75, LED 105, and LED 215 are not available to new installations under the Standard Option effective September 15, 2014.

- B. LED Rate (Customer-Ownership Option): The Customer-Ownership Option is not available for new installations effective September 15, 2014. Customer with existing installations installed prior to this date shall provide a DEP-approved LED fixture at no cost to Company for installation on Company's system distribution poles. Customer retains full ownership of the fixture and after removal from service will be picked up by the Customer.

The rate defined below will be billed for installation, operation and maintenance of Customer-owned lighting fixture. Customer shall provide a replacement fixture, if required, to maintain the lighting service.

<u>Fixture</u>	<u>Monthly Charge Per Fixture</u>	<u>Monthly kWh Per Fixture</u>
LED 75	\$5.25	25
LED 105	5.51	35
LED 215	6.35	73
LED 205 Site Lighter	6.26	69

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include an REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month
Industrial/Public Authority Classification - \$83.21/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Underground Service

For underground service, the monthly bill will be increased by \$3.50 per pole, or in lieu thereof, a one-time contribution of \$521.00 per pole. The monthly charge, if selected, may be terminated at any time upon payment by Customer of the one-time contribution. The monthly pole charge defined below will also be applicable to underground service.

V. Special Street Lighting Poles and Posts

	<u>Monthly Charge Per Pole or Post</u>
Wood	\$ 1.67
Metal*, Fiberglass, or Post	2.92
12-Foot Smooth Concrete Post**	10.21
Decorative Square Metal	11.24
16-Foot Smooth Concrete Post**	11.24
13-Foot Fluted Concrete Post**	15.34
Decorative Aluminum 12-Foot Post	18.39
Decorative 35- or 39-Foot Tapered Metal Pole	29.21
System Metal	1.00

* Metal will be installed in locations where fiberglass cannot be used as determined by Company.

** Concrete posts will not be available for new installations on and after August 1, 2007. Concrete posts or similar material posts, as determined by Company, will be offered in accordance with the Extra Facilities paragraph.

VI. Masterpiece Series Standard Facilities

Masterpiece Series Standard Facilities are deluxe decorative fixtures, posts, and brackets that are normally maintained in inventory by Company to meet the lighting needs of customers. The MONTHLY RATE for Masterpiece Series Standard Facilities is as follows:

Masterpiece Series Fixtures: In addition to the MONTHLY RATE Item I, for a 9,000 or 9,500 lumen fixture, Customer pays:

Masterpiece Series A Fixture	\$ 3.00
Masterpiece Series B Fixture	\$ 4.15

Masterpiece Series Decorative Posts:

Masterpiece Series A 12-Foot decorative metal post	\$18.39
Masterpiece Series A 16-Foot decorative metal post	\$22.48

Masterpiece Series Bracket:

Masterpiece Series A Twin Mounting Bracket	\$5.00
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EXTRA FACILITIES

In addition to the MONTHLY RATE, Customer shall pay a monthly facilities charge when facilities are requested that exceed facilities normally supplied by Company to render lighting service. Customer shall pay a Monthly Facilities Charge of 1.0 percent of the estimated original installed cost of the Special Facilities. Special Facilities that are considered to be above normal include, but are not limited to, the following:

- I. Upon Company review and approval, multiple lighting fixtures may be installed per pole. Special facilities shall be considered as the estimated installed cost of the facilities necessary to serve the multiple fixture installation in excess of that normally required to provide standard area lighting service.
- II. Special facilities shall include any distribution transformer and/or primary conductor extension.
- III. For a work request installing an underground circuit, special facilities shall include any conductor length in excess of an average of 250 feet per span. Customer may elect to make a nonrefundable contribution of the estimated installed cost of an underground circuit deemed to be Special facilities without being required to pay a monthly facilities charge.
- IV. Special Facilities shall include special nonstandard poles and posts not listed above in MONTHLY RATE.
- V. For nonstandard fixtures not included in the MONTHLY RATE provision above, the monthly charge will be the charge in accordance with the MONTHLY RATE and the Special Facilities shall be the difference between the estimated installed cost of the nonstandard fixture and the estimated installed cost of the equivalent standard fixture.
- VI. The cost of a bracket or mast arm in excess of the standard facilities for a given fixture type shall be considered as Special Facilities.

NONREFUNDABLE CONTRIBUTION

- I. In the event that rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, Customer will contribute the additional cost except when the Service Extension Provision as stated below is applicable.
- II. Customer will contribute the estimated cost of installing cables under paved or landscaped surface areas; however, Customer may cut and replace the pavement or surface in lieu of making the contribution.

- III. Service supplied under the MONTHLY RATE in this Schedule does not include the conversion of existing overhead street lighting circuits to underground. Should Customer desire such a conversion under this Schedule, Customer will pay to Company, in addition to the applicable contribution and charges herein, the estimated net investment depreciated, plus removal cost, less salvage value of the overhead conductor being removed.

SERVICE EXTENSION

The installation of lighting fixtures or poles shall be in a location that is readily accessible by a Company truck to support installation and maintenance of Company facilities.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than the following:

- (a) Ten years for standard and Masterpiece Series standard fixtures, poles, and posts, and
- (b) Twenty years for service utilizing fixtures, poles, and posts determined by Company as nonstandard or custom-designed.

GENERAL

Service rendered under this Schedule is subject to the provisions of Company's Street Lighting Service Regulations filed with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SLS-42B

Effective for service rendered on and after July 1, 2017

NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

L-5

STREET LIGHTING SERVICE SCHEDULE SLR-45
(RESIDENTIAL SUBDIVISIONS AND NEIGHBORHOODS)

AVAILABILITY

This Schedule is available for service supplied in the lighting of residential dedicated public streets by means of mercury vapor, light emitting diode or sodium vapor lighting units installed within residential subdivisions or neighborhoods, consisting of single or duplex dwelling units, located (1) outside the corporate limits of a municipality at the time of the installation or (2) inside the corporate limits of a municipality when the area served was subsequently annexed by the municipality after lighting service was first established. This Schedule is also available inside a municipality jointly served by a municipal-owned electric utility when the municipality approves a regulation or ordinance requiring its residents to individually pay for lighting service. The street lighting must conform to the installations set forth in the Monthly Rate paragraph.

This Schedule is not available to supply service for the lighting of parking lots, shopping centers, other public or commercial areas within the residential subdivision or neighborhood, or areas not specifically provided for by the provisions herein.

SERVICE

The service supplied by Company will include the installation of a street lighting system, according to Company's standards and requirements, which will be owned, maintained, and operated by Company, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. Lighting units will be located by Company to provide the most uniform lighting possible in the residential area. The lumen ratings of the lighting units furnished under the Monthly Rate indicate the class of lamp.

MONTHLY RATE

The following amount will be added to each monthly bill rendered for residential electric service within the subdivision or neighborhood:

	Monthly Charge Per Customer
OVERHEAD DISTRIBUTION AREA:	
Bracket-mounted, enclosed luminaire on approved wood pole:	
1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	\$1.20
LED 50 light emitting diode	1.01
1 light per 5 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	2.39
LED 50 light emitting diode	2.02
1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.91
LED 50 light emitting diode	3.30
UNDERGROUND DISTRIBUTION AREA:	
Bracket-mounted, enclosed luminaire on approved wood pole:	
1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	1.70
LED 50 light emitting diode	1.46

1 light per 5 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.41
LED 50 light emitting diode	2.93

1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	5.61
LED 50 light emitting diode	4.81

Bracket-mounted, enclosed luminaire on standard fiberglass or metal* pole or approved direct burial post:

1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	1.95
LED 50 light emitting diode	1.70
LED 50 light emitting diode (post-top fixture)	2.12

1 light per 6 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.25
LED 50 light emitting diode	2.84
LED 50 light emitting diode (post-top fixture)	3.53

1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	6.44
LED 50 light emitting diode	5.60
LED 50 light emitting diode (post-top fixture)	6.96

*Metal will be installed in locations where fiberglass cannot be used as determined by Company on or after January 15, 1997.

Mercury vapor units converted before September 19, 1983, to 12,000 lumen retrofit sodium vapor units, add to mercury vapor prices:

If 1 light per 10 customers:	0.16
If 1 light per 5 customers:	0.32
If 1 light per 6 customers:	0.26

¹ Mercury vapor or retrofit sodium vapor fixtures are not available to new installations. Upon failure of the lamp, fixture or ballast or earlier pursuant to Commission Rule R8-47, these fixtures shall be replaced at no charge with a comparable LED 50 fixture. When a comparable LED fixture isn't available, a comparable sodium vapor fixture shall be installed.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ANNEXATION CONSIDERATIONS

- I. If any of the following conditions exist, the developer of the subdivision or neighborhood will be required to obtain from the municipal governing agency its written approval of the street lighting service being provided under this Schedule and the number and location of the lights to be installed:
 - A. The subdivision or neighborhood abuts a boundary of the municipality.
 - B. It is known that the subdivision or neighborhood will be annexed into the municipality.
 - C. The municipal governing agency has enacted a subdivision or neighborhood control ordinance which applies to the subdivision or neighborhood or any portion thereof.

- II. If the subdivision or neighborhood is subsequently annexed and the municipality accepts the street lighting under a street lighting service contract on the rate for the equivalent lighting unit, the following will apply:
- A. Overhead Distribution: If the municipality accepts the street lighting service under Street Lighting Service Schedule SLS, no monthly customer charge will be applied to the subdivision or neighborhood residents.
- B. Underground Distribution: If the municipality accepts the street lighting service under Street Lighting Service Schedule SLS and agrees to pay the contribution under the schedule for the street lighting system, no monthly customer charge will be applied to the subdivision or neighborhood residents. If the municipality accepts the street lighting service but does not agree to pay the contribution for the underground system, the monthly customer charges will be reduced according to the following schedule:

Lights per Customer	Pole type	Monthly Customer Charge		
		7,000 lumen	9,500 lumen	LED 50
1 light per 10	Wood	\$0.33	\$0.45	\$0.42
1 light per 10	Post, Fiberglass or Metal	\$0.39	\$0.55	\$0.44
1 light per 5	Wood	\$0.61	\$0.82	\$0.83
1 light per 6	Post, Fiberglass or Metal	\$0.67	\$0.94	\$0.73
1 light per 3	Wood	\$0.72	\$0.99	\$1.38
1 light per 3	Post, Fiberglass or Metal	\$0.78	\$1.11	\$1.46

The retrofit 12,000 Lumen Sodium Vapor units will be reduced to the corresponding reduced 7,000 Lumen Mercury Vapor Monthly Customer Charge.

- III. If the subdivision or neighborhood is subsequently annexed and the municipality does not accept the installed street lighting under a street lighting service contract, the service will be provided under this Schedule with the applicable monthly charges. If the municipality initially accepts the installed street lighting under a street lighting service contract and subsequently terminates such lighting service contract, the service will be provided under this Schedule only upon approval of an authorizing ordinance requiring the municipal residents to pay the applicable monthly charges.

NONREFUNDABLE CONTRIBUTION

Normally, a contribution will not be required for service under this Schedule. Company will require a nonrefundable contribution from the developer under the following conditions:

- I. Unusual Circumstances: In the event rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, the developer will contribute the additional cost incurred thereby.
- II. Paved Areas: If Company has to install any portion of the street lighting system under existing paved areas, the developer will either cut and replace the pavement or contribute to Company the additional cost incurred to install its facilities under the paved area.
- III. Excess Circuitry: When any lighting unit is located so that the span of underground cable necessary to serve such unit exceeds 250 feet, the developer will contribute the sum of the estimated installed costs of all such overages within the subdivision or neighborhood.

EXISTING SUBDIVISIONS OR NEIGHBORHOODS

Street lighting service under this Schedule will be available in existing residential subdivisions or neighborhoods not previously receiving lighting service provided either Company receives a petition requesting this service signed by all the owners of residential lots within the subdivision or neighborhood or a municipality requests this service and approves an ordinance requiring residents to pay the applicable monthly charges. When the electrical distribution system within the subdivision or neighborhood is installed underground, the persons requesting the installation of the street lighting system will pay to

Company, in addition to any contribution required above, a nonrefundable contribution equal to the cost of trenching and backfilling necessary for the installation of the street lighting system. If a contribution is required under Excess Circuitry, that portion of trenching and backfilling included in such contribution will be excluded from the preceding requirement. Re-landscaping of the area necessary due to the installation of the street lighting system will be the responsibility of the residents within the subdivision or neighborhood. The appropriate monthly charge as set forth above will be applied to the monthly billings of all residents in the subdivision or neighborhood.

CONVERSION OF EXISTING LIGHTING SYSTEM

Street lighting installed pursuant to this schedule is subject to conversion upon request of an Applicant under the conditions stated below. An Applicant is a duly authorized representative of customers served under this Schedule with the authority to seek changes to the lighting system.

- I. Upon request of an Applicant, the street lighting may be converted to a different light type, light source or installation density provided all of the following conditions are met:
 - A. Applicant requesting a change in the street lighting system must submit a petition signed by all the owners of residential lots within the subdivision or neighborhood requesting the revised lighting service.
 - B. If the current lighting has been installed fewer than 20 years, Applicant must submit a payment of \$50 per fixture for fixture conversions on existing poles or \$500 per fixture if the change also involves a pole or post. If the change requires a redesign of the system layout, Applicant shall also pay any required Nonrefundable Contribution, as described in the above paragraph.
 - C. The converted lighting system must conform to the options offered under this Schedule and must be applicable to all lighting within the subdivision or neighborhood.
 - D. The new monthly rate shall apply immediately following completion of the revised lighting installation.
- II. Upon request of a Homeowners Association or other legal entity representing the interest of residents served under this Schedule, the street lighting may be converted to service under Street Lighting Service Schedule SLS provided all of the following conditions are met:
 - A. The Applicant must demonstrate legal authority to represent the interests of all land-owners within the subdivision or neighborhood. Absent this demonstration, the Applicant must submit a petition signed by all the owners of residential lots within the subdivision or neighborhood requesting conversion to Schedule SLS.
 - B. The Applicant must execute an Agreement for lighting service under Schedule SLS. The Agreement shall include a statement by the Applicant verifying that all residential land owners will be notified in writing prior to the conversion to lighting service under Schedule SLS and transfer of the lighting responsibilities to the Applicant. The Agreement shall also include a statement by the Applicant verifying that once service is established under Schedule SLS, the Applicant shall also be required to notify land owners in writing of any future changes to the lighting system including, but not limited to, potential disconnection of the lighting service due to nonpayment or termination of service.
 - C. The Applicant must demonstrate credit-worthiness or provide a deposit satisfactory to Company in case of default.
 - D. Following conversion of the street lighting to Schedule SLS, any change in the light type, light source or lighting design shall be made pursuant to the Street Lighting Service Regulations.

PAYMENTS

The monthly charges set forth under this Schedule will be billed in conjunction with the normal bill for residential service. The total of the bill so rendered shall be subject to the terms and conditions of the Service Regulations approved and on file with the state regulatory commission. Failure to pay the total bill rendered when due and payable shall constitute a failure to pay the bill for residential service.

CONTRACT PERIOD

The applicable monthly charge set forth in this Schedule shall be applied to the monthly billings of all residents in the subdivision or neighborhood as long as street lighting service is provided under any of the conditions as set out herein.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

Supersedes Schedule SLR-42A
Effective for service rendered on and after July 1, 2017
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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

L-6

SPORTS FIELD LIGHTING
SCHEDULE SFLS-45

AVAILABILITY

This Schedule is available for electric service used for lighting specifically designed for outdoor fields which are normally used for football, baseball, softball, tennis, races, and other organized competitive sports.

This Schedule is not available for breakdown, standby, supplementary, or resale service.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 wires, or three-phase 3 or 4 wires, at Company's standard distribution voltage available for the area or the voltage at which an installation was served on December 1, 1973.

EXTENSION OF FACILITIES

Company will make the type of service agreed upon available to Customer, provided Customer will pay to Company the total estimated cost of extending or increasing the capacity of Company's facilities located on Company's side of the point of delivery, exclusive of the material cost of transformers and the entire cost of the meter installation.

MONTHLY RATE

I. For Single-Phase Service:

- | | |
|---------------------------------|----------------|
| A. Basic Customer Charge | \$30.00 |
| B. Billing Demand: | \$1.35 per kW |
| C. Kilowatt-hour Energy Charge: | 4.608¢ per kWh |

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$10.66/month

Upon written request, only one REPS Adjustment shall apply to each premise serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premise, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

BILLING DEMAND

The Billing Demand shall be the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current billing month, but not less than the maximum kW previously registered during the current season (period of continuous connection).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

BILLING

The billing to Customer will be continuous from the beginning to the end of each complete season or period of special use, and service will not be disconnected until the end of each complete season or period of special use. If the season or period of use is for less than 30 consecutive days, Customer will be billed the estimated cost of connecting and disconnecting service, which estimated cost shall not be less than \$17.00.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one month, unless Customer agrees to pay the estimated cost of connection and disconnection, which estimated cost shall be \$17.00.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA and Joint Agency Asset Rider JAA.

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Duke Energy Progress, LLC
(North Carolina Only)

RR-1

ANNUAL BILLING ADJUSTMENTS
RIDER BA-16

APPLICABILITY – RATES INCLUDED IN TARIFF CHARGES

The rates shown below are included in the MONTHLY RATE provision in each schedule identified in the table below:

Billing Adjustment Factors (¢/kWh)*					
Rate Class	Fuel and Fuel-Related Adjustment		DSM and EE Adjustment		Net Adjustment
	Rate ⁽¹⁾	EMF ⁽²⁾	Rate ⁽³⁾	EMF ⁽⁴⁾	
Residential Applicable to Schedules: RES, R-TOUD, & R-TOU	0.000	-0.160	0.636	0.140	0.616
Small General Service Applicable to Schedules: SGS, SGS-TOUE, SGS-TOU-CLRTSF & TSS	0.000	-0.359	0.552 (EE Only) 0.052 (DSM Only)	0.055 (EE Only) 0.000 (DSM Only)	0.300
Medium General Service Applicable to Schedules: MGS, SGS-TOU, SI, CH-TOUE, GS-TES, APH-TES, CSG, CSE	0.000	-0.448	0.552 (EE Only) 0.052 (DSM Only)	0.055 (EE Only) 0.000 (DSM Only)	0.211
Large General Service Applicable to Schedules: LGS, LGS-TOU, LGS-RTP	0.000	-0.016	0.552 (EE Only) 0.052 (DSM Only)	0.055 (EE Only) 0.000 (DSM Only)	0.643
Lighting Applicable to Schedules: ALS, SLS, SLR & SFLS	0.000	0.280	0.109 (EE Only) 0.000 (DSM Only)	0.001 (EE only) 0.000 (DSM Only)	0.390

* Billing Adjustment Factors, shown above, includes a North Carolina regulatory fee.

Billing Adjustment Factors Description:

- (1) The Fuel and Fuel-Related Adjustment Rate is adjusted annually to reflect incremental changes in the costs of fuel and fuel-related costs from the rates approved in the last general rate case.
- (2) The Fuel and Fuel-Related Adjustment Experience Modification Factor (EMF) is adjusted annually to reflect the difference between reasonable and prudently incurred fuel and fuel-related costs and the fuel and fuel-related revenues realized during a test period under review and shall remain in effect for a fixed 12 month period.
- (3) The Demand Side Management (DSM) and Energy Efficiency (EE) Rates are adjusted annually to reflect the costs and incentives associated with DSM and EE measures and programs approved by the North Carolina Utilities Commission.
- (4) The DSM and EE Experience Modification Factors (DSM EMF and EE EMF) are adjusted annually to reflect the difference between reasonable and prudently incurred DSM and EE costs and incentives and DSM and EE revenues realized during the period under review and shall remain in effect for a fixed 12 month period.

The fuel rate included in base tariff rates effective July 1, 2017 are 1.996¢/kWh for RES, 2.091¢/kWh for SGS, 2.434¢/kWh for MGS, 2.256¢/kWh for LGS and 0.597¢/kWh for Lighting, including the North Carolina regulatory fee.

Demand Side Management and Energy Efficiency “Opt-Out” Option

North Carolina Utilities Commission Rule R8-69(e) allows commercial customers with annual consumption of 1,000,000 kWh or greater in the billing months of the prior calendar year and all industrial customers to elect to not participate in either or both (1) any utility-offered DSM or (2) any utility-offered EE program and, after written notification to the utility, not be subject to either or both the DSM or EE Rates and EMFs, as applicable and as shown above. For purposes of application of this option, a customer is defined to be a metered account billed under a single application of a Company rate tariff. For commercial accounts, once one account meets the opt-out eligibility requirement, all other accounts billed to the same entity with lesser annual usage located on the same or contiguous properties are also eligible to opt-out in the same manner from paying either or both of the DSM and EE Rates and EMFs. Since these rates are included in the rate tariff charges, Customers electing this option shall receive either or both of the following DSM and EE Credit(s) on their monthly bill statement:

DSM Opt-Out Credit = Billed kWh times the sum of the DSM Rate and EMF*
EE Opt-Out Credit = Billed kWh times the sum of the EE Rate and EMF*

* The DSM and EE Rates and EMFs shall be as shown in the above table for the schedule applicable to Customer’s monthly bill.

Following the December bill each year, usage for commercial accounts electing to “opt-out” of the DSM/EE rates shall be reviewed and the customer shall be notified and removed from the “opt-out” option if annual consumption is less than 1,000,000 kWh in the prior twelve months.

APPLICABILITY – RATES NOT INCLUDED IN TARIFF CHARGES

The rates shown below are not included in the MONTHLY RATE provision of the applicable schedule used in billing and shall therefore be added to Customer’s monthly bill statement:

Billing Adjustment Factors Per Customer (\$/month)*			
Revenue Class	REPS Rate ⁽⁵⁾	REPS EMF ⁽⁶⁾	Net Billing Rate
Residential	\$ 1.26 per month	\$ 0.03 per month	\$ 1.29 per month
Commercial/Public Streets and Highways	\$ 10.64 per month	\$ 0.02 per month	\$10.66 per month
Industrial/Public Authority	\$ 67.49 per month	\$15.72 per month	\$83.21 per month

* Billing Adjustment Factors, shown above, includes a North Carolina regulatory fee.

For purposes of the applicability of the Renewable Energy Portfolio Standard (REPS) Billing Adjustment Factors, a “Customer” is defined as all accounts (metered and unmetered) serving the same customer of the same revenue classification located on the same or contiguous properties. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts, regardless of their revenue classification. Upon written notification from Customer, accounts meeting these criteria shall be coded in the billing system to allow Customer to receive only one monthly REPS charge for all identified accounts.

Billing Adjustment Factors Description:

- (5) The REPS Rate is adjusted annually to reflect research and development costs and incremental costs incurred to comply with the state’s Renewable Energy and Energy Efficiency Portfolio Standard (REPS).
- (6) The REPS Experience Modification Factor (REPS EMF) Rate is adjusted annually to recover the difference between reasonable and prudently incurred REPS costs and REPS revenues realized during the period under review and shall remain in effect for a fixed 12 month period.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

The Fuel and Fuel-Related Adjustment EMF and REPS EMF are effective for service rendered through November 30, 2017. The DSM EMF and EE EMF are effective for service rendered through December 31, 2017.

Supersedes Rider BA-14

Effective for service rendered on and after July 1, 2017

NCUC Docket No. E-2, Sub 1142

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JUN 01 2017

Duke Energy Progress, LLC
(North Carolina Only)

RR-12

HIGHLY FLUCTUATING OR INTERMITTENT LOAD
RIDER NO. 9Q

AVAILABILITY

This Rider is available in conjunction with any schedule when service is taken for welding equipment, X-ray apparatus, elevator motors, electric furnaces, or other similar equipment and the Customer thereby imposes on the Company's system a highly fluctuating or intermittent load requiring facilities above those needed to serve the Contract Demand.

This Rider is not available for breaker or fault testing laboratories.

The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

HIGHLY FLUCTUATING OR INTERMITTENT LOAD

A Highly Fluctuating or Intermittent Load is a load imposed on the Company's system for an extremely short duration whose magnitude would not be recorded by the Company's metering equipment. The kVa of Highly Fluctuating or Intermittent Load will be the kVa capacity installed or supplied to maintain proper voltage less the estimated kVa capacity which would have been installed excluding the Highly Fluctuating or Intermittent Load, but shall not be greater than the total kVa of Highly Fluctuating or Intermittent Load equipment.

MONTHLY RATE

An amount computed under the rate schedule with which this Rider is used plus the sum of the following amounts:

1. \$0.41 per kVa for each kVa of Highly Fluctuating or Intermittent Load as determined above.
2. An amount equal to the Monthly Facilities Charge specified in the Company's Service Regulations times the cost of the additional distribution and transmission line capacity installed to provide for the Highly Fluctuating or Intermittent Load.

CONTRACT PERIOD

The Contract Period will be the period as specified in the Service Agreement.

Supersedes Rider No. 9O
Effective for bills rendered on and after July 1, 2017
Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

STANDBY AND SUPPLEMENTARY SERVICE
RIDER NO. 7E

AVAILABILITY

This Rider is available in conjunction with any general service schedule to permit Supplementary Service and the amount of Standby Service which, in the opinion of Company, it has available at any particular location, to customers having another source of power not held solely for emergency use and for which Company's service may be substituted either directly or indirectly or used as an additional power supply.

Where Customer's other source of power is connected either electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems.

Not available for temporary or seasonal service, or for Standby Service in excess of 25,000 kW.

The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

This Rider is not available for new applications after September 10, 1987. Customer receiving service under this Rider which was a part of a Service Agreement on September 10, 1987 may continue receiving service under this Rider. If Customer elects another standby or back-up service rider, or fails to meet the availability provisions contained herein, this Rider will no longer be available to Customer.

RIDER APPLICATIONS TO TIME-OF-USE SCHEDULES

When the Rider is used in conjunction with one of Company's time-of-use schedules, only the demands registered or computed by Company's metering facilities during the on-peak hours indicated in the applicable schedule shall be subject to the conditions of this Rider. Customer may contract for an off-peak Contract Demand which exceeds the on-peak Contract Demand, both of which are specified in the Service Agreement; however, the maximum demand registered during the off-peak period shall be billed in accordance with the applicable schedule.

DEFINITIONS

Contract Demand

The Contract Demand is the maximum kW that Customer desires Company to supply for Standby and Supplementary Service combined, as specified in the Agreement for Service, which shall not be less than 15 kW, and shall be increased by the amount of the excess whenever exceeded in either of the events following:

1. When the maximum kW registered for a 15-minute period of use exceeds the established Contract Demand, unless and until Company within sixty days requests Customer to reduce such demand to a specified amount but not less than the established Contract Demand.
2. When the sum of the Standby Service and the Supplementary Service exceeds the established Contract Demand.

Standby Service

Standby Service is the service which Customer desires Company to supply for scheduled maintenance or breakdown purposes. Customer shall arrange his maintenance during periods approved by Company. Such scheduled maintenance shall be consistent with good engineering and operating practices and shall not exceed 45 days during the contract year. Customer shall notify Company of any use of this Standby Service for breakdown purposes.

The amount of Standby Service initially contracted for may be increased by mutual agreement only before the established Contract Demand is exceeded and any established amount of Standby Service may be decreased, upon request of Customer and concurrence by Company, by substituting a kW of Supplementary Service for a kW of Standby Service.

Supplementary Service

Supplementary Service is service continuously available to supplement Customer's other power sources. The contract kW of Supplementary Service shall be the established Contract Demand less the contract kW of Standby Service, but cannot be less than the minimum contained in the rate schedule with which this Rider is used. The contract kW of Supplementary Service shall be increased by the amount of the excess whenever exceeded by the metered 15-minute demand, except that when Standby Service is being used for scheduled maintenance during periods approved by Company or when Company has been notified of its use for breakdown purposes the contract kW of Supplementary Service will not be increased unless the Contract Demand is exceeded and in such case the contract kW of Supplementary Service will be increased only by the amount that the metered demand exceeded the Contract Demand. However, in all events, Company may within sixty days request Customer to reduce such demand to a specified amount but not less than the established contract kW of Supplementary Service.

MONTHLY BILLING

The Monthly Billing shall be the sum of the following amounts:

1. An amount computed under the rate schedule with which this Rider is used for the Billing Demand established and the kilowatt-hours used during the current month but in no event for a consumption of less than the Minimum Number of Kilowatt-hours per kW of that portion of the Billing Demand which is billed as Supplementary Service during the current month. When Customer is served under a time-of-use schedule, the Minimum Number of Kilowatt-hours shall be determined based on the on-peak Billing Demand for the Contract kW of Supplementary Service and the Kilowatt-hours billed under the Minimum Number of Kilowatt-hours provision in excess of those registered shall be billed at the off-peak Kilowatt-hour charge of the applicable time-of-use schedule.
2. When Customer operates in parallel with Company or can substitute for Company's service, \$1.26 for each of the first 200 kW, \$0.97 for each of the next 24,800 kW, and \$1.55 for each of the additional kW of Contract Demand in excess of the Billing Demand established during the current month.
3. After Standby Service is used for breakdown purposes in more than 30 days during the current twelve billing months; an amount equal to \$0.39 times (a) the maximum number of kW registered during the current billing month in excess of the contract kW of Supplementary Service and (b) the number of days in the current billing month that Standby Service was used in excess of 30 days during the current twelve billing months.

4. An amount equal to the monthly facilities charge applicable to Extra Facilities, as specified in the Service Regulations, times the difference between the estimated cost of (1) the facilities required by Company to supply the Contract Demand and (2) the facilities required by Company to supply the contract kW of Supplementary Service.

MINIMUM NUMBER OF KILOWATT-HOURS

The Minimum Number of Kilowatt-hours per kW shall be:

1. For customers regularly generating electricity by steam all of which steam is subsequently used for heating or processing purposes or for customers generating electricity by water, 150 kilowatt-hours per kW.
2. For other customers, the number of kilowatt-hours per kW determined by dividing the difference between (1) the total number of kilowatt-hours used by Customer in the current billing month and (2) five percent of the lesser of (a) the number of kilowatt-hours supplied by Company in the current billing month or (b) the number of kilowatt-hours supplied by Customer in the current billing month, by Customer's maximum 15-minute system load established during the current billing month.

BILLING DEMAND

The Billing Demand(s) shall be determined in accordance with the applicable schedule for the contract kW of Supplementary Service; but when Customer has contracted for, or has used at any time, Supplementary Service for Standby Service purposes, the minimum Billing Demand(s) shall be the contract kW established for Supplementary Service less 1000 kW.

If Standby Service is used during part of the current billing month, the maximum kW registered will be reduced by an amount equal to the maximum kW registered in excess of the kW of Supplementary Service times the ratio of the number of days it was not used to 30 days.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

CONTRACT PERIOD

As specified in the Agreement for Service, but not less than one year.

Supersedes Rider No. 7C
Effective for bills rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-15

SUPPLEMENTARY AND FIRM STANDBY SERVICE RIDER SS-56

AVAILABILITY

This Rider is available to customers in conjunction with any of Company's general service rate schedules to permit Supplementary and Standby Service to Customer having generation equipment not held solely for emergency use and for which Company's service may be substituted either directly or indirectly or used as an additional power supply. Customer shall execute (1) a Service Agreement specifying separately the requirements for both Supplementary Service and Standby Service and (2) an Interconnection Agreement in accordance with the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generation Interconnections.

This Rider is not available (1) for temporary or supplementary seasonal service, (2) for use in conjunction with any of Company's other standby service riders, (3) for use in conjunction with Company's Dispatched Power Rider No. 68 or Incremental Power Service Rider IPS, or (4) for Standby Service in excess of 50,000 kW. The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

DEFINITIONS

Contract Demand

The Contract Demand is the total maximum kW that Customer desires Company to supply for both Supplementary and Standby Service combined, as specified in the Service Agreement. It shall be increased by the amount of the excess when the sum of the Supplementary Service Contract Demand and Standby Service Contract Demand exceeds the previously established Contract Demand. The increase shall be effective with the following billing month unless Company requests Customer to reduce such demand to a specified amount but not less than the previously established Contract Demand.

Standby Service

Standby Service is the service which Company supplies to replace Customer's generation. This includes breakdown and maintenance periods. For generation with a planning capacity factor of less than 60%, the Standby Service Contract Demand shall be the nameplate kW capacity of Customer's installed generation. For generation with a planning capacity factor of 60% or greater, the Standby Service Contract Demand shall be the maximum increased demand Company is requested to serve whenever Customer's generation is not operating, which may be less than the generator nameplate rating. The Standby Service Contract Demand may be increased by mutual agreement.

Supplementary Service

Supplementary Service is the service which Company continuously supplies to replace Customer's generation. The Contract Demand of Supplementary Service shall be the established Contract Demand minus the Standby Service Contract Demand; however, whenever the established Contract Demand is exceeded, the Supplementary Service Contract Demand shall increase effective with the following billing month by the amount the established Contract Demand exceeds the Standby Service Contract Demand. However, in all events, Company may within 30 days request Customer to reduce such demand to a specified amount, but not less than the previously established Supplementary Service Contract Demand.

MONTHLY BILLING

The Monthly Bill shall be the sum of the following amounts:

1. Availability to Serve Charges:

- a. Generation Reservation Charge applicable customers both less than 60% and 60% or greater planning capacity factor - \$0.75/kW of Standby Service Contract Demand.
- b. Standby Service Delivery Charge (applicable to customer generation with a planning capacity factor 60% or greater):

Per kW of Standby Service Contract Demand for Customer served from:

Transmission System (voltage of 69 kV or higher) \$1.58/kW

Distribution System (voltage below 69 kV) \$2.59/kW

- c. Extra Facilities Billing applicable to both less than 60% and 60% or greater planning capacity factor customers: An amount equal to the monthly facilities charge, as specified in Company's Service Regulations, times the difference between the installed cost of (1) the facilities required by Company to supply the Contract Demand, including any protective or other equipment deemed necessary to accommodate Customer's parallel operation, and (2) the facilities required by Company to supply the contract kW of Supplementary Service.

2. Supplementary and Standby Service Usage Charges:

- a. For generation with a planning capacity factor of less than 60%:

Supplementary and Standby Service billing for the established demand and kilowatt-hours consumed during the month is under the rate schedule and rider(s) with which this Rider is used.

- b. For generation with a planning capacity factor of 60% or greater:

- i. Supplementary Service billing for the Billing Demand established and the kilowatt-hours consumed associated with the Supplementary Service Contract Demand is under the rate schedule and rider(s) with which this Rider is used.
- ii. Standby Service billing for the kilowatt-hours consumed in excess of the Supplementary Service Contract Demand shall be at the sum of the (1) Standby Service RTP Hourly Energy Rate, as shown below, plus (2) the Rider Adjustment applicable during the current billing month. The Rider Adjustment shall include the sum of the DSM/EE and DSM/EE EMF rate adjustments during the current billing month. This amount shall be computed on an hourly basis.

STANDBY SERVICE RTP HOURLY ENERGY RATE

The Real Time Pricing (RTP) Hourly Energy Rate applicable to all usage in excess of the Supplementary Service Contract Demand shall be calculated as follows:

$$\text{Hourly RTP Rate} = (\text{MENERGY} + \text{CAP} + \text{ADDER}) \times (1 + \text{TAXES})$$

where:

MENERGY = Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses

CAP = Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15

ADDER	=	$\beta \times (\text{Class Rate-Hourly Marginal Cost})$, but not less than zero
where:		
β	=	a fixed value equal to 0.20
Class Rate	=	the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing
Hourly Marginal Cost	=	the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above
TAXES	=	NC Regulatory Fee (currently 0.14%)

CONTRACT PERIOD

As specified in the Application for the Supply of Electricity, but not less than one year.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

GENERAL

Where Customer's generation equipment is connected either electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems.

Service rendered under this Rider is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Supersedes Riders SS-50A
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-16

SUPPLEMENTARY AND NON-FIRM STANDBY SERVICE
RIDER NFS-9

AVAILABILITY

This Rider is available to customers in conjunction with any of Company's General Service rate schedules to permit Supplementary and Non-Firm Standby Service to Customer having generation equipment with a planning capacity factor of 60% or greater not held solely for emergency use and for which Company's service may be substituted either directly or indirectly or used as an additional power supply. Customer shall execute (1) a Service Agreement specifying separately the requirements for both Supplementary Service and Non-Firm Standby Service and (2) an Interconnection Agreement in accordance with the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generation Interconnections.

This Rider is not available (1) for temporary or supplementary seasonal service, (2) for use in conjunction with any of Company's other standby or generation service riders, (3) for Customer's with nameplate generation capacity below 200 kW, (4) for a customer who is not currently receiving service under this Rider but had previously received service under the Rider in the preceding twelve months, (5) in conjunction with curtailable service schedules or riders, or (6) for Non-Firm Standby Service in excess of 50,000 kW. The provisions of the rate schedule with which this Rider is used are modified only as shown herein.

DEFINITIONS

Contract Demand

The Contract Demand is the maximum kW that Customer desires Company to supply for Supplementary and Non-Firm Standby Service combined, as specified in the Service Agreement, and shall be increased by the amount of the excess when the sum of the Supplementary Service Contract Demand and Non-Firm Standby Service Contract Demand exceeds the previously established Contract Demand, unless and until Company within 60 days requests Customer to reduce such demand to a specified amount but not less than the established Contract Demand.

During a Non-Firm Period, the Contract Demand is subject to curtailment by Customer to not exceed the Supplementary Service Contract Demand.

Non-Firm Standby Service

Non-Firm Standby Service is the service which Company supplies to replace Customer's generation. This includes breakdown and maintenance periods approved by Company. The amount of Non-Firm Standby Service shall not exceed the nameplate kW capacity of Customer's installed generation. The amount of Non-Firm Standby Service initially contracted will automatically be increased whenever the established Contract Demand is exceeded, unless Company within 60 days requests Customer to reduce such demand to a specified amount. The Non-Firm Standby Service Demand shall increase by the amount the established demand exceeds the Supplementary Service Contract Demand.

Supplementary Service

Supplementary Service is service continuously available to supplement Customer's other power sources and is the kW of demand to which Customer shall reduce his requirement during a Non-Firm period specified by Company. The Supplementary Service Contract Demand shall be specified in the contract and shall only change based upon mutual consent of the parties, but in no case can it be less than the minimum contained in the rate schedule with which this Rider is used.

MONTHLY BILLING

The Monthly Billing shall be the sum of the following amounts:

1. Supplementary Service Billing:

An amount computed under the rate schedule with which this Rider is used for the Billing Demand established and the kilowatt-hours consumed associated with the Supplementary Service Contract Demand.

2. Non-Firm Standby Service Billing:

An amount computed as the kilowatt-hours consumed in excess of the Supplementary Service Contract Demand times the sum of the (a) Non-Firm Standby Service Hourly RTP Energy Rate, as shown below, plus (b) the Rider Adjustment applicable during the current billing month. The Rider Adjustment shall include the sum of the DSM/EE and DSM/EE EMF rate adjustments during the current billing month. This shall be computed on an hourly basis.

3. Non-Firm Standby Notification Customer Charge: \$50.00

4. Non-Firm Standby Service Delivery Charge:

Per kWh of Non-Firm Standby Service Usage for Customer served from:

Transmission System (voltage of 69 kV or higher)	\$0.00298/kWh
Distribution System (voltage below 69 kV)	\$0.00476/kWh

Non-Firm Standby Service Usage shall be all kilowatt-hours consumed in excess of the Supplementary Service Contract Demand in the current billing month.

5. Extra Facilities Billing:

An amount equal to the monthly facilities charge as specified in Company's Service Regulations times the difference between the installed cost of (1) the facilities required by Company to supply the Contract Demand, including any protective or other equipment deemed necessary to accommodate Customer's parallel operation, and (2) the facilities required by Company to supply the contract kW of Supplementary Service.

NON-FIRM STANDBY SERVICE RTP HOURLY ENERGY CHARGE

The Real Time Pricing (RTP) Hourly Rate applicable to all usage in excess of the Supplementary Service contract kW shall be calculated as follows:

$$\text{Hourly RTP Rate} = (\text{MENERGY} + \text{CAP} + \text{ADDER}) \times (1 + \text{TAXES})$$

where:

$$\text{MENERGY} = \text{Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses}$$

$$\text{CAP} = \text{Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15}$$

$$\text{ADDER} = \beta \times (\text{Class Rate-Hourly Marginal Cost}), \text{ but not less than zero}$$

where:

$$\beta = \text{a fixed value equal to 0.20}$$

Class Rate = the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing

Hourly

Marginal Cost = the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above

TAXES = NC Regulatory Fee (currently 0.14%)

During Non-Firm Periods, the applicable Non-Firm Standby Service Hourly RTP Energy Rate shall be the greater of the Hourly RTP Rate, as calculated above, or the PJM price during the hour, plus 5%, plus any applicable transmission charges to deliver the electricity from PJM plus the North Carolina regulatory fee. The applicable PJM rate shall be final settlement hourly rate for the PJM Western Hub.

NON-FIRM PERIOD

The Non-Firm Period shall be a fifteen-hour period, unless Company specifies a shorter period at the time the Customer is notified. Customer shall be given a minimum of 30-minutes notice before the requested Non-Firm Period is to take place. Company shall use reasonable diligence to notify Customer of an impending Non-Firm Period and having used reasonable diligence shall not be liable to Customer should Customer not receive notification. To assist Customer in reviewing the financial impact of Non-Firm Standby Service usage, Company will provide its Hourly RTP Rates on a password-secured website. A forecast of PJM hourly rates is available from the PJM website; however, the final settlement rate will be used for billing which may differ from the PJM forecast.

SUPPLEMENTARY SERVICE BILLING DEMAND

The Billing Demand of Supplementary Service shall be the maximum kW registered or computed, by or from Company's metering facilities, during a 15-minute interval within the current billing month, but not greater than the Billing Demand determined in accordance with the schedule with which this Rider is used for the contract kW of Supplementary Service.

FAILURE TO COMPLY WITH NON-FIRM STANDBY SERVICE REQUIREMENTS

Customer shall undertake all reasonable steps to ensure that Customer's load does not exceed the Supplementary Service kW during all Non-Firm Periods. Continual failure to limit usage to the Supplementary Service kW or less during Non-Firm Periods shall constitute grounds for either increasing the Supplementary Service contract demand or removal from this Rider.

CONTRACT PERIOD

The Contract Period shall not be less than five years, and shall automatically extend thereafter for successive periods of two years unless terminated by either party at the end of any contract period by giving not less than sixty (60) days' written notice to the other party prior to the end of the contract period.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

GENERAL

Where Customer's generation equipment is connected either electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems.

Service rendered under this Rider is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Supersedes Rider NFS-6A

Effective for service rendered on and after July 1, 2017

NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-17

LARGE LOAD CURTAILABLE RIDER LLC-5

AVAILABILITY

This Rider is available on a voluntary basis to Customer receiving electric service under any general service schedule provided Customer contracts for 1,000 kW or greater which is subject to be curtailed under the provisions of this Rider. Customers continually served under a predecessor of this Rider prior to June 1, 2013 with a lesser amount of curtailable demand shall continue to be served under this Rider until such time that service under the Rider is terminated by Customer or Company.

This Rider is not available: (1) for temporary service, (2) for a customer who is not currently receiving service under this Rider, but had previously received service under this Rider in the preceding twenty-four months, or (3) in conjunction with another non-firm or curtailable rider. Customer may use other sources of power to curtail electrical load without being subject to standby service requirements.

APPLICABILITY

The schedule used in conjunction with this Rider is modified only as shown herein. By electing service under this Rider, Customer agrees to curtail electrical load according to the provisions of this Rider.

Where Customer's other source of power is connected electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems. Should Company determine that Customer's facilities are not adequate to protect Company's facilities, Company may install the necessary facilities and Customer shall pay for the extra facilities in accordance with Company's Service Regulations. When this Rider is used in conjunction with the applicable standby or back-up service rider, standby service shall not be substituted for curtailable load and in no event shall the Demonstrated Curtailable Demand be greater than the difference between the Supplementary Service Demand and the Firm Demand.

When this Rider is used in conjunction with either the Dispatched Power or Incremental Power Service Riders, any Class 2 Dispatched or Incremental energy (kWh) will be excluded from the determination of Demonstrated Curtailable Demand under this Rider and the Customer Charge contained herein will not be applicable.

DEFINITIONS

A. FIRM DEMAND

The Firm Demand shall be the kW of demand specified in the Service Agreement to which Customer shall reduce his requirement at the time specified by Company. Customer shall contract for a Winter Firm Demand for the service rendered during the calendar months of October through March and a Summer Firm Demand for service rendered during the calendar months of April through September.

B. DEMONSTRATED CURTAILABLE DEMAND

The Demonstrated Curtailable Demand shall be the average kW demand during the on-peak hours less the applicable Firm Demand. The Summer Firm Demand shall be applicable during the billing months of April through September and the Winter Firm Demand shall be applicable during the billing months of October through March. The average on-peak kW shall be determined by dividing the on-peak kWh by 252.

C. PREMIUM DEMAND

The Premium Demand shall be the maximum 15-minute kW demand registered or computed by or from Company's metering facilities during any Curtailment Period in the billing month less the

applicable Firm Demand, but not less than zero. The applicable Firm Demand shall be determined based upon the calendar month when the Premium Demand was consumed.

D. CURTAILMENT PERIOD

The Curtailment Period(s) may occur during on-peak or off-peak hours of any month and shall be an 8-hour period unless Company specifies a shorter period at the time Customer is notified. Company shall send notification to Customer a minimum of 30 minutes before the requested curtailment is to occur. At the time Customer is notified to curtail, Customer will be advised whether the Curtailment Period is a Level 1 or a Level 2 Capacity Curtailment Period. Company shall use reasonable diligence to notify Customer of an impending Curtailment Period and having used reasonable diligence shall not be liable to Customer should Customer not receive notification. The number of hours of Curtailment in any calendar day shall be no more than 8 hours. Company reserves the right for a longer interruption in the event continuity of service is threatened. The total hours of Capacity Curtailment Periods shall be no more than 400 hours during a calendar year.

E. ON-PEAK HOURS

1. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

2. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as the hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

F. OFF-PEAK HOURS

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

MONTHLY RATE

An amount computed under the applicable schedule and other riders with which this Rider is used, plus the following Customer Charge and Credit:

A. Customer Charge: \$50.00

B. Credit = Discount x Demonstrated Curtailable Demand, but not less than zero (\$0)

Where: Discount = \$5.40 per kW

ADDITIONAL CHARGES FOR USE OF PREMIUM DEMAND

If Customer exceeds the Firm Demand during a Level 1 or Level 2 Capacity Curtailment Period, it shall be considered to be the Use of Premium Demand.

A. DURING A LEVEL 1 CAPACITY CURTAILMENT PERIOD

For use of Premium Demand during a Level 1 Capacity Curtailment, Customer shall pay to Company \$2.70 per kilowatt-hour for all kilowatt-hours attributable to Premium Demand during the Level 1 Curtailable Period. This charge shall be in addition to applicable kWh charge(s) in the rate schedule with which this Rider is used.

DURING A LEVEL 2 CAPACITY CURTAILMENT PERIOD

Customer shall pay to Company \$50.00 for each kW of Premium Demand for each and every Level 2 Curtailable Period during the billing period.

In addition to the charge(s) for the use of Premium Demand, for the second Use of Premium Demand (Level 2 Only) during a 12-month period, the Firm Demand shall automatically be increased to equal the maximum 15-minute demand registered during the Level 2 Curtailment Period. In addition to the charges for the use of Premium Demand (Level 2 Only), for the third or subsequent Use of Premium Demand during a 12-month period, service under this Rider shall be terminated and Customer shall pay the sum of all credits received during the current and prior 11 billing months, reduced by any payments for the Use of Premium Demand during the 12 month period, but not less than zero.

CURTAILABLE NOTIFICATION

Customer must provide, at Customer's expense, contact information and suitable mean(s) for Company communication of Curtailment Periods, including but not limited to text messaging, telephone, and electronic mail. Customer is solely responsible to notify Company of changes in Customer's contact and communication information as they occur. Company shall use reasonable diligence to notify Customer of an impending Curtailment period and having used reasonable diligence shall not be liable for Customer's failure to receive and act upon curtailment notifications.

CONTRACT PERIOD

The Contract Period shall be five (5) years, with automatic successive extensions of two (2) years thereafter, unless: (a) terminated by either party at the end of the Contract Period by giving not less than sixty (60) days written prior notice, (b) terminated by Company in accordance with the Additional Charges for Use of Premium Demand provision above.

CUSTOMER REQUESTED TERMINATION OR CHANGES IN FIRM DEMAND

Customer may terminate service under the Rider or revise the Firm Demand at the end of any Contract Period without charge. The Firm Demand is also subject to upward adjustment at no charge if the Contract Demand is increased, provided there is no net change in the amount of demand that is subject to curtailment.

The difference in the Firm Demand and the Contract Demand may be reduced during the Contract Period provided Customer pays Company a charge of \$50.00 for each kW of Contract Demand that will no longer be subject to curtailment. If Curtailable Service is terminated at any other time, for reasons other than automatic disqualification due to the excessive Use of Premium Demand, Customer shall pay Company the sum of all credits received during the current and prior 11 billing months. Any adjustment of the Firm Demand shall not be applied retroactive to any prior Use of Premium Demand.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

GENERAL

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission. The provisions of this Rider are subject to change upon approval by the North Carolina Utilities Commission.

Supersedes Rider No LLC-3A
Effective for bills rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-18

DISPATCHED POWER
RIDER NO. 68M

AVAILABILITY

This Rider is available in conjunction with Company's Large General Service Schedules. The rate schedule with which this Rider is used is modified only as shown herein. The Contract Period for service under this Rider shall continue until terminated either by Customer or Company by giving not less than 30 days written notice to the other party.

Service under this Rider may be offered at Company option and only during Company's low production cost periods, for Customer usage normally above levels at which they would otherwise operate.

DEFINITIONS

Class 2 Dispatched Power Period

A Class 2 Dispatched Power Period shall normally be a 24-hour period for days which contain on-peak hours. Company will attempt to schedule Class 2 periods adjacent to Saturdays, Sundays, and holidays which are as specified in the Company's LGS-TOU Schedule.

Dispatched Demand

Dispatched Demand is the kW demand in each 15-minute interval, during a Class 2 Dispatched Power Period, minus: 1) the maximum on-peak demand established outside a Dispatched Power Period, exclusive of standby service, if the applicable schedule is LGS-TOU, or 2) the maximum billing demand established outside a Dispatched Power Period, exclusive of standby service, if the applicable schedule is LGS. In no event will Dispatched Demand be less than zero.

Dispatched Energy

Dispatched Energy is all kilowatt-hours attributable to use of Dispatched Demand.

MONTHLY RATE

- A. Customer Charge in addition to the Basic Customer Charge in the rate schedule: \$50.00.
- B. Demands established during a Class 2 Dispatched Power Period will not be 1) used to determine Billing Demand of the applicable rate schedule or 2) considered a use of standby or back-up service.
- C. Dispatched Energy: Class 2 Dispatched Energy shall be billed at the rate specified in the applicable schedule plus the following increment:

<u>LGS-TOU</u>		<u>LGS</u>
<u>On-peak</u>	<u>Off-peak</u>	
1.5¢/kWh	0.0¢/kWh	1.5¢/kWh

NOTIFICATION

When Company determines that it has Dispatched Power available for sale, Company will provide notification to Customer of the beginning and ending times of a Dispatched Power Period. Notification will be provided via procedures established by Company and such procedures shall be given to Customer.

Company shall use reasonable diligence to notify Customer of the institution of a Dispatched Power Period including the beginning and ending time(s). Company, having used reasonable diligence to notify Customer, shall not be liable should Customer not receive notification. Customer must install, at his expense, a dedicated telephone line in order to receive notification from Company and he must also provide satisfactory space for Company's communication equipment.

CHANGES TO A DISPATCHED POWER PERIOD

Upon Company's review of its generation costs and its system requirements, Company may notify Customer during a Dispatched Power Period that it will extend beyond the time which Company previously communicated to Customer that such Dispatched Power Period would end.

Upon 30-minute notice, Company may terminate a Dispatched Power Period prematurely in order to decrease the likelihood of instituting a Curtailable Period. A Dispatched Power Period will automatically terminate upon the actual commencement of a Curtailable Period.

GENERAL

Company will not install transformation capacity or other facilities which exceed Customer's requirement during non-Dispatched Power Periods. Demands established during Dispatched Power Periods shall not serve to satisfy Contract obligations of Customer.

Decisions to institute or extend a Dispatched Power Period rest solely with Company.

SALES TAX

To the above stated charges will be added any applicable North Carolina Sales Tax.

Supersedes Rider No. 68K
Effective for bills rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-19

INCREMENTAL POWER SERVICE
RIDER IPS-10

AVAILABILITY

This Rider is available to customers in conjunction with Company's Large General Service (Time-of-Use) Schedule LGS-TOU, which is modified only as shown herein.

Service under this Rider is only available at the option of Company, in conjunction with monthly Base Demands established by Company, for Customer usage above Base Demand levels at which Customer would otherwise operate.

This Rider is not available: 1) in conjunction with Company's Dispatched Power Rider No. 68, or 2) for twelve months following Customer's discontinuation of service under this Rider.

DEFINITIONS

Class 2 Incremental Power Period

A Class 2 Incremental Power Period shall normally be a 24-hour period for days that contain on-peak hours.

Base Demand

Company shall establish Customer's Base Demand for each month of the year. These monthly Base Demands shall be established by Company in advance of Customer's election to utilize this Rider in any given month. Generally, Company will establish or change Base Demand levels upon the following factors: 1) the maximum kW registered or computed, by or from Company's metering facilities, during any on-peak 15-minute interval for the corresponding billing month in the twelve months prior to contracting for this Rider; 2) recent added or reduced electrical load; and 3) whether Customer's historical electrical loads represent Customer's ongoing operation. The Base Demands shall also exclude any demands resulting from standby service, back-up service, dispatched power, or Incremental Power. The monthly Base Demand level shall automatically increase to the maximum on-peak demand established outside any Incremental Power Periods whenever the maximum on-peak demand established outside any Incremental Power Periods exceeds the monthly Base Demand. Customer shall provide thirty (30) days advance written notification to Company when electrical load is to be added or removed or a change in Customer's operation is expected to occur. Company shall adjust any previous monthly bills to reflect the change in the Base Demands upon Company determining that Customer had not provided Company advanced written notification of Customer's increase in electrical load. Company may require Customer to operate at proposed Base Demand levels for up to 12 months before receiving or continuing to receive service under this Rider. Company reserves the right to modify a monthly Base Demand at any time when in its opinion the Base Demand no longer represents Customer's demand level in the absence of the availability of Incremental Power.

Incremental Demand

When the registered or computed 15-minute kW demand during an Incremental Power Period exceeds the Base Demand, Incremental Demand shall be the kW demand in each 15-minute interval during the Incremental Power Period minus the greater of: 1) the maximum on-peak demand established outside an Incremental Power Period exclusive of standby or backup service, or 2) the Base Demand.

When the registered or computed 15-minute kW demand during an Incremental Power Period is less than or equal to the Base Demand, then the Incremental Demand shall be zero. In no event, shall Incremental Demand(s) be less than zero.

Incremental Energy

Incremental Energy is the sum of all kilowatt-hours attributable to use of Incremental Demand.

MONTHLY RATE

- A. Customer Charge in addition to the Basic Customer Charge in the rate schedule: \$50.00.
- B. The Billing Demand shall be as determined in accordance with Schedule LGS-TOU, disregarding any Incremental Demands used during the billing month.
- C. Incremental Energy: Class 2 Incremental Energy shall be billed at the rate specified in Schedule LGS-TOU plus the following increment:

<u>On-peak</u>	<u>Off-peak</u>
1.5¢/kWh	0.0¢/kWh

NOTIFICATION

When Company determines that it has Incremental Power available for sale, Company will provide notification to Customer of the beginning and ending times of an Incremental Power Period. Notification will be provided via procedures established by Company and such procedures shall be given to Customer.

Company shall use reasonable diligence to notify Customer of the institution of an Incremental Power Period including the beginning and ending time(s). Company, having used reasonable diligence to notify Customer, shall not be liable should Customer not receive notification. Customer must install, at Customer's expense, a dedicated telephone line in order to receive notification from Company and Customer must also provide satisfactory space for Company's communication equipment.

CHANGES TO AN INCREMENTAL POWER PERIOD

Company may notify Customer during an Incremental Power Period that it will extend beyond the time which Company previously communicated to Customer that such Incremental Power Period would end.

Upon thirty (30) minutes' notice, Company may terminate an Incremental Power Period prematurely in order to decrease the likelihood of instituting a Curtailable Period. An Incremental Power Period will automatically terminate upon the actual commencement of a Curtailable Period.

CONTRACT PERIOD

The Contract Period for service under this Rider shall continue until terminated by Customer or Company by giving not less than thirty (30) days written notice to the other party.

GENERAL

Company will not install transformation capacity or other facilities which exceed Customer's requirement during non-Incremental Power Periods. Demands established during Incremental Power Periods shall not serve to satisfy Contract obligations of Customer.

Decisions to institute, extend, or terminate an Incremental Power Period rest solely with Company.

SALES TAX

To the above stated charges will be added any applicable North Carolina Sales Tax.

Supersedes Rider No. IPS-8A

Effective for bills rendered on and after July 1, 2017

NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-20

ECONOMIC DEVELOPMENT
RIDER ED-13

AVAILABILITY

Available, only at Company's option, to nonresidential establishments receiving service under Company's Large General Service or Large General Service (Time-of-Use) Schedules provided that the establishment is not classified as Retail Trade or Public Administration by the Standard Industrial Classification (SIC) Manual published by the United States Government.

This Rider is available for load associated with initial permanent service to new establishments, expansion of existing establishments, or new customers in existing establishments who make application to Company for service under this Rider, and Company approves such application. The New Load applicable under this Rider must be a minimum of 1,000 kW at one point of delivery. To qualify for service under this Rider, Customer must meet the qualifications under A. or B. below:

- A. Customer employ an additional workforce in Company's service area of a minimum of seventy-five (75) full time equivalent (FTE) employees. Employment additions must occur following Company's approval for service under this Rider.
- B. Customer's New Load must result in capital investment of four hundred thousand dollars (\$400,000), provided that such investment is accompanied by a net increase in full time equivalent employees employed by Customer in Company's service area. The capital investment must occur following Company's approval for service under this Rider.

This Rider is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after Customer contracts for service under this Rider, the successor Customer may be allowed to fulfill the balance of the contract under Rider ED and continue the schedule of credits outlined below. This Rider is also not available for resumption of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. This Rider is also not available for: (1) load shifted from one establishment or delivery on Company's system to another on Company's system; (2) short-term, construction, or temporary service; (3) electrical load that results from the shutdown or reduction of generation facilities; or (4) service in conjunction with Transition Rider TR-1.

DEFINITIONS

New Load

New Load is that which is added to Company's system by a new establishment. For existing establishments, New Load is the net incremental load above that which existed prior to approval for service under this Rider. The New Load shall exclude any curtailable, back-up, standby, dispatched power, or incremental power service.

Delivery Date

The Delivery Date is the first date service is supplied under the contract.

Operational Date

The Operational Date shall be the date the facility is fully operational as declared by the Customer, but shall be no more than eighteen (18) months after the Delivery Date.

Month

The term "month" as used in this Rider means the period intervening between readings for the purpose of monthly billings. Readings will be collected each month at intervals of approximately thirty (30) days.

GENERAL PROVISIONS

1. Customer must make an application to Company for service under this Rider and Company must approve such application before Customer may receive service hereunder. The application must include a description of the amount of and nature of the New Load and the basis on which Customer requests qualification shown in A. or B. under Availability above. In the application, Customer must affirm that availability of this Rider was a factor in Customer's decision to locate the New Load on Company's system. The application shall also specify the total number of full time equivalent employees (FTE) employed by Customer in all establishments receiving electric service from Company's system, at the time of application for this Rider, and on the Operational Date.
2. Customer must agree to a minimum contract term of five (5) years, with the credits being available for a maximum period of five (5) years immediately following the Operational Date.
3. For customers contracting under this Rider due to expansion, Company may install metering equipment necessary to measure the New Load to be billed under this Rider separate from the existing load billed under the applicable rate schedule. Company reserves the right to make the determination of whether such installation will be separately metered or submetered. If in Company's opinion, the nature of the expansion is such that either separate metering or submetering is impractical or economically infeasible, Company will determine, based on historical usage, what portion of Customer's load, if any, qualifies as New Load eligible for this Rider.
4. All terms and conditions of the Large General Service and Large General Service (Time-of-Use) Schedules applicable to the individual customer shall apply to the service supplied to Customer, except as modified by this Rider.

MONTHLY BILLING

The Monthly Billing shall be the amount computed under the applicable schedule and other riders with which this Rider is used less the following Discount as computed in the formula below:

$$\text{Discount} = \text{New Load kW} \times \text{EDC}$$

Where:

New Load kW = the maximum 15-minute kW demand registered or computed (during on-peak hours when used in conjunction with the Large General Service (Time-of-Use) Schedule) associated with New Load added by Customer in accordance with this Rider.

EDC = the Economic Development Credit per kW as specified in the table below based on monthly load factor and the number of months service has been rendered under this Rider.

ECONOMIC DEVELOPMENT CREDIT (EDC)					
<u>Number of Months Service Has Been Rendered Under This Rider</u>					
<u>LOAD FACTOR*</u>	<u>1 - 12</u>	<u>13 - 24</u>	<u>25 - 36</u>	<u>37 - 48</u>	<u>49 - 60</u>
40% - 59%	\$3.39	\$2.71	\$2.03	\$1.35	\$0.68
60% - 79%	\$5.32	\$4.26	\$3.19	\$2.13	\$1.06
80% or greater	\$7.26	\$5.81	\$4.36	\$2.90	\$1.45

* Load Factor is equal to the kilowatt-hours (kWh) used during the billing month divided by the product of the maximum 15-minute kW demand registered or computed times 730 hours.

The Discount shall be zero (\$0) for load factors less than 40% or for service after sixty (60) monthly bills under this Rider.

EXTRA FACILITIES CHARGE

A monthly facilities charge, as specified in the Service Regulations, times the installed cost of extra facilities necessary for service for additional metering required under Rider ED, but not less than \$25, shall be billed to Customer in addition to the bill under the appropriate rate schedule and this Rider, when applicable.

CONTRACT PERIOD

Each customer shall enter into a Service Agreement to purchase electricity from Company for a minimum original term of five (5) years, and thereafter from year to year upon the condition that either party can terminate the Service Agreement at the end of the original term, or at any time thereafter, by giving at least twelve (12) months previous notice of such termination in writing. If Customer requests a change in rate schedule from that which was approved in conjunction with Rider ED, credit under Rider ED will no longer be available. Such a change will be allowed upon thirty (30) days written notice to Company. An individual establishment will not be allowed to receive credits for more than five years under this Rider, unless Company, at its option, agrees to accept a new application and contract for qualifying New Load, and such application receives special approval by Company. If at any time during the term of contract under this Rider, Customer violates any of the terms and conditions of the Rider or the Service Agreement, Company may discontinue service under this Rider without notice and bill Customer under the applicable schedule without further credits. In the event electric service is terminated or the Contract Demand is reduced by Company or Customer before the end of the Contract Period, Customer shall pay Company in addition to all other applicable charges, the sum of all Discounts received, plus interest, for the New Load that will no longer be served by Company. The rate of interest shall be the rate per annum paid by Company for electric service deposits pursuant to Commission Rule R12-4.

GENERAL

Kilowatt demands associated with dispatched power, incremental power, back-up, or standby service shall be disregarded from all applications of this Rider, except for the calculation of Load Factor as defined in the Monthly Billing provision.

The provisions of the Schedule with which this Rider is used are modified only as shown herein.

Supersedes Rider ED-11A
Effective for bills rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina Only)

RR-21

ECONOMIC REDEVELOPMENT
RIDER ERD-7

AVAILABILITY

Available, only at Company's option, to nonresidential establishments receiving service under Company's Medium General Service, Small General Service (Time-of-Use), Large General Service, or Large General Service (Time-of-Use) Schedules provided that the premise served is not classified as Retail Trade or Public Administration by the Standard Industrial Classification (SIC) Manual published by the United States Government.

This Rider is available for load associated with an existing premise served or previously served by Company, provided the premise is unoccupied and otherwise dormant for a minimum period of 60 days, as determined by Company. The Load eligible under this Rider must be a minimum of 500 kW at one point of delivery. In addition, the requested service necessary to serve the New Load must not result in additional investment in distribution facilities by Company, other than minor alterations to accommodate Customer's electrical requirements. To qualify for service under this Rider, Customer must meet the qualifications under A. or B. below:

- A. Customer employs an additional workforce in Company's service area of a minimum of thirty-five (35) full time equivalent (FTE) employees. Employment additions must occur following Company's approval for service under this Rider.
- B. Customer's New Load must result in capital investment of two hundred thousand dollars (\$200,000), provided that such investment is accompanied by a net increase in full time equivalent employees employed by Customer in Company's service area. The capital investment must occur following Company's approval for service under this Rider.

This Rider is not available to a new customer that results from a change in ownership of an existing premise. However, if a change in ownership occurs after Customer contracts for service under this Rider, the successor Customer may be allowed to fulfill the balance of the contract under Rider ERD and continue the schedule of credits outlined below. This Rider is also not available for resumption of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. This Rider is also not available for: (1) load shifted from one establishment or delivery on Company's system to another on Company's system; (2) short-term, construction, or temporary service; or (3) for service in conjunction with Economic Development Rider ED or a curtailable load rider.

DEFINITIONS

New Load

New Load is that which is added to Company's system by a customer beginning the occupation of an existing unoccupied premise.

Delivery Date

The Delivery Date is the first date service is supplied under the contract.

Operational Date

The Operational Date shall be the date the premise is fully operational, as declared by the Customer, but shall be no more than twelve (12) months after the Delivery Date.

Month

The term "month" as used in this Rider means the period intervening between readings for the purpose of monthly billings. Readings will be collected each month at intervals of approximately thirty (30) days.

Load Factor

For purposes of this Rider, Load Factor is equal to the kilowatt-hours (kWh) used during the billing month divided by the product of the maximum 15-minute kW demand registered or computed times 730 hours.

GENERAL PROVISIONS

1. Customer must make an application to Company for service under this Rider and Company must approve such application before Customer may receive service hereunder. The application must include a description of the amount of and nature of the New Load and the basis on which Customer requests qualification shown in A. or B. under Availability above. In the application, Customer must affirm that the availability of this Rider was a factor in Customer's decision to locate the New Load on Company's system. The application shall also specify the total number of full time equivalent employees (FTE) employed by Customer in all establishments receiving electric service from Company's system at the time of application for this Rider and on the expected Operational Date.
2. Customer must agree to a minimum contract term of five (5) years, with the credits being available for a maximum period of one (1) year immediately following the Operational Date.
3. To continue service under this Rider, Customer must maintain a monthly load factor of 40%, as defined above.
4. All terms and conditions of Company's rate schedule shall apply to the service supplied to Customer, except as modified by this Rider.

MONTHLY BILLING

The Monthly Billing shall be the amount computed under the applicable schedule and other riders with which this Rider is used less a credit during months 1 through 12 after the Operational Date. The credit shall be 25% of the total bill for contract demands less than 1,000 kW and 50% of the total bill for contract demands of 1,000 kW or greater, including the Basic Customer Charge, Demand Charge, and Energy Charge, but excluding any other rider or miscellaneous charges such as charges for extra facilities. The credit shall be zero (\$0) for months when Customer's monthly load factor, as defined above, is less than 40%.

CONTRACT PERIOD

Each customer shall enter into a Service Agreement to purchase electricity from Company for a minimum original term of five (5) years, and thereafter from year to year upon the condition that either party can terminate the Service Agreement at the end of the original term, or at any time thereafter, by giving at least twelve (12) months previous notice of such termination in writing. If Customer requests a change in rate schedule from that which was approved in conjunction with this Rider, the monthly credit will no longer be available. Such a change will be allowed upon thirty (30) days written notice to Company. If at any time during the term of contract under this Rider, Customer violates any of the terms and conditions of the Rider or the Service Agreement, Company may discontinue service under this Rider without notice and bill Customer under the applicable schedule without further credits. In the event electric service is terminated or the Contract Demand is reduced by Company or Customer before the end of the Contract Period, Customer shall pay Company in addition to all other applicable charges, the sum of all Discounts received, plus interest, for the New Load that will no longer be served by Company. The rate of interest shall be the rate per annum paid by Company for electric service deposits pursuant to Commission Rule R12-4.

Supersedes Rider ERD-5B
Effective for service rendered on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina)

RR-23

METER-RELATED OPTIONAL PROGRAMS RIDER MROP-12

AVAILABILITY

These programs are available upon request and on a voluntary basis to those customers as described below, subject to the availability of appropriate metering and meter-related equipment.

I. TOTALMETER PROGRAM

Metering equipment to allow remote automated meter reading by Company will be provided upon execution of an application for TotalMeter. The application describes the conditions of service, states all charges, and provides for a termination charge should the TotalMeter option be discontinued prior to 24 consecutive months of service. Customer receiving the TotalMeter option may select a desired meter-reading day. Monthly rates and other charges related to the TotalMeter are as follows:

Monthly Rate for TotalMeter

Option 1: Customer-supplied suitable telephone communications line ¹	\$ 3.00
Option 2: Company-supplied wireless telephone communications circuit	\$13.20

Charge for Customer-requested termination of TotalMeter

Option prior to 24 consecutive months of service	\$50.00
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¹ Option 1 is not available to new applicants on and after October 1, 2013. Existing participants may continue under this option until such time that the metering equipment requires replacement.

TotalMeter charges shall not apply when Company, at its option, determines that remote automated meter reading is necessary for Company's own use. Receipt of the TotalMeter option shall in no way restrict or otherwise limit Company's right of ingress and egress to read meters and inspect, maintain, repair and replace the meters and other facilities installed to serve Customer whenever necessary.

II. ENERGY PROFILER ONLINE

The Energy Profiler Online (EPO) program is available to any non-residential customer with a registered or contract demand of 30 kW or greater. EPO is an Internet-based program permitting Customer access to historic meter data from any internet-capable location. Access to meter data is both identification/name and password restricted. Monthly rates and other charges related to EPO are as follows:

Monthly Rate for EPO

Rate for totalized meter data only (updated monthly) ²	\$20.00 per totalized account
Rate for meter data per individual meter (updated each business day)	\$20.00 per meter
Set-up fee per meter	\$85.00
Set-up fee for totalized meter data only	\$85.00

² The rate applicable for totalized meter data only is not available to new applicants on and after July 1, 2017.

Provision of EPO requires that the standard meter, as determined solely by Company based upon the Customer's electrical requirement, have the capability of recording electrical consumption information on a 15-minute interval basis. Additional monthly rates and other charges, as described in Section III below, will apply if the standard meter based upon customer's electrical requirement does not have interval data capability.

III. CUSTOMER REQUESTS INSTALLATION OF NON-STANDARD METERING

Company, in its sole determination, shall establish appropriate meter standards based upon Customer's electrical requirement. If a non-residential customer desires additional meter services that require the installation of a non-standard meter, Company will comply for the following monthly rate and other charges:

Monthly Rate for non-standard meter with interval data capability	\$0.33 per month
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The following fees apply when the non-standard meter will not be remotely read:

Meter Set-up Fee	\$15.00
Meter Exchange Fee	\$77.00

A charge shall apply if Customer requests termination prior to 24 consecutive months of operation of a non-standard meter option that provides interval data. The charge shall equal the monthly rate times the sum of 24 minus the number of months the non-standard meter service has been received, not to exceed 24 months.

GENERAL

Upon appropriate notice to Customer, Company reserves the right to suspend and/or terminate any or all of these meter-related programs at any time if providing the requested program is not feasible. Company does not guarantee continuous provision of these meter-related programs but shall use reasonable diligence at all times to provide the program without interruption and having used reasonable diligence shall not be liable to Customer for damages, for failure in, or for interruptions or suspension of the same.

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission. The provisions of this Rider are subject to change upon approval of the North Carolina Utilities Commission.

Supersedes Meter-Related Optional Programs Rider MROP-8A
Effective on and after July 1, 2017
NCUC Docket No. E-2, Sub 1142

Duke Energy Progress, LLC
(North Carolina)

A-2

SERVICE REGULATIONS

1. SERVICE AGREEMENT

- (a) Description: The Service Agreement (hereinafter sometimes termed "Agreement") shall consist of (1) Company's form of Application for Supply of Electricity, when signed by Customer and accepted by Company, (2) the applicable Schedule and Riders and (3) these Service Regulations, and all changes, revisions, alterations therein, or substitutions therefor lawfully made; provided that when the requested supply of electricity (1) is for residential uses or (2) is for other uses when the Customer's contract demand (a) is initially not more than 1,000 kW or (b) does not require an increase in Company's facilities when the demand increases above 1,000 kW, and (3) when no extra charges for installation or other special contractual provisions are involved, the Customer's application and the Company's acceptance thereof may be verbal, and in such event the Company's applicable Schedule, Riders and these Service Regulations shall be effective in the same manner as if Company's form of Application for Supply of Electricity had been signed by Customer and accepted by Company. Such a verbal Service Agreement shall be conclusively presumed, when there is no written application by a Customer accepted in writing by Company, if electricity supplied by Company is used by Customer or is used on Customer's premises.
- (b) Application of Service Regulations and Schedules: All Service Agreements in effect at the time of the approval hereof or that may be entered into in the future, are made expressly subject to these Service Regulations, and subject to all applicable Schedules and Riders, and any changes therein, substitutions therefor, or additions thereto lawfully made.
- (c) Selection of Optional Schedules: Where two or more rate schedules and/or riders are available, Company will attempt to assist Customer to a reasonable extent in determining which rate schedule and/or rider to select. It is the Customer's right and responsibility to select the available rate and/or rider. The Company will not assume responsibility for this choice since the control of the electrical usage is under Customer's ultimate control.
- (d) Conflicts: In case of conflict between any provision of a Schedule or Rider and of these Service Regulations, the provision of the Schedule or the Rider shall prevail.
- (e) Transfer of Agreement: A Service Agreement between Company and Customer may be transferred and assigned by Customer to any person, firm, or corporation purchasing or leasing and intending to continue the operation of the plant or business which is being served under such Agreement, subject to the written approval of Company. Company will grant such approval upon being reasonably satisfied that the assignee will fulfill the terms of the Agreement and if, at Company's option, a satisfactory guarantee for the payment of bills is furnished by assignee.
- (f) Suspension of Billing Under Agreement at Customer's Request: If Customer is temporarily unable to take the electricity contracted for due to physical destruction of or damage to his premises, Company will, upon written request of Customer, and for a period reasonably required to replace or repair such premises, suspend billing under the Agreement effective with the beginning of the next ensuing billing period. However, if Customer desires to use electricity in a lesser amount than the minimum provided in the Agreement it will be supplied and billed under Company's Schedule and Riders applicable to his use. The Service Charge and any temporary service charges for electric service to temporary facilities will not be applied when Company's construction costs of such construction do not exceed a reasonable amount or to reestablish permanent electric service. A residential or small nonresidential customer, following the physical destruction of his premises from a natural disaster, may also suspend or terminate area lighting service within the initial contract period without incurring early termination charges.

If Customer will be using less than one-half of Contract Demand during a period of suspended operations for at least three consecutive months but no longer than twelve consecutive months, and upon written request by Customer, the Billing Demand shall be the maximum kW registered during the current billing month under the Schedules and Riders effective for the reduced usage. When Customer's load regularly falls below one-half of his Contract Demand, such operations shall not be considered as suspended operations.

During the initial twelve months of service, Customer's monthly bills will be rendered under the most advantageous available Schedule and Rider, except that once a bill is rendered under the Schedule and Rider(s) specified in the Service Agreement, service will thereafter be provided only under that Schedule and Rider. The Contract Demand will be excluded from the determination of the Billing Demand and Availability provisions of the Schedule during this initial period.

- (g) Termination of Agreement at Customer's Request: If Customer desires to terminate the Agreement, Company will agree to such termination if Company is satisfied that Customer no longer has use for electricity at the premises and all bills for electricity previously rendered have been paid, and provided that Customer pays to Company, for standard facilities, a termination charge equal to (1) for Customers served from Company's distribution system the loss in salvage of the facilities used to serve Customer less the greater of (a) 20 percent of the loss in salvage for each full year that such facilities shall have been in service or (b) 20 percent of each full year's revenue that such facilities shall have been in service; (2) for Customers served from Company's transmission system, the loss in salvage of the facilities used to serve Customer less the greater of (a) 10 percent of the loss in salvage for each full year that such facilities shall have been in service or (b) 10 percent of each full year's revenue that such facilities shall have been in service. Company may waive the foregoing provision if Company has secured or expects to secure from a new occupant or operator of the premises an Agreement satisfactory to Company for the supply of electricity for a term not less than the unexpired portion of Customer's Agreement.
- (h) Company's Right to Terminate or Suspend Agreement Company, in addition to all other legal remedies, may either terminate the Agreement or suspend delivery of electricity to Customer for (a) any default or breach of Agreement by Customer, (b) fraudulent or unauthorized use of electricity or use in such manner as to circumvent Company's meter, (c) failure to pay bills when due and payable or failure to restore deposit within the specified period or, (d) in case of a condition on Customer's side of the point of delivery actually known by Company to be, or which Company reasonably anticipates may be, dangerous to life or property. No such termination or suspension, however, will be made by Company without written notice, as required by the state regulatory authority, delivered to Customer personally or by mail, stating in what particular the Agreement has been violated, except that no notice need be given in instances set forth in (b) and (d) above.

Failure of Company to terminate the Agreement or to suspend the delivery of electricity at any time after the occurrence of grounds therefor or to resort to any other legal remedy or to exercise any one or more of such alternative remedies, shall not waive or in any manner affect Company's right later to resort to any one or more of such rights or remedies on account of any such ground then existing or which may subsequently occur.

Any suspension of the delivery of electricity by Company or termination of the Agreement upon any authorized grounds shall in no wise operate to relieve Customer of his liability to pay for electricity supplied, nor shall it relieve Customer (1) of his liability for the payment of minimum monthly charges during the period of suspension, nor (2) of his liability for damages, if the Agreement has been terminated, in the amount of (a) the minimum monthly charges which would have been payable during the unexpired term of the Agreement, plus (b) the termination charges provided for in paragraph 1(g) above. Whenever the supply of electricity is suspended for any authorized reason, Company will make a charge of \$19.00 for the restoration of service made during the normal business hours of Company's office or \$55.00 for the restoration of service made during all other hours.

2. CONDITIONS OF SERVICE

- (a) Company is not obligated to supply electricity to Customer unless and until: (1) Company's form of Application for Supply of Electricity is executed by Customer and accepted by Company; (2) in cases where it is necessary to cross private property to deliver electricity to Customer, Customer conveys or causes to be conveyed to Company, without cost to Company, a right-of-way easement, satisfactory to Company, across such private property for the construction, maintenance, and operation of Company's lines and facilities, necessary to the delivery of electricity by Company to Customer, provided, however, in the absence of a formal conveyance, Company, nevertheless, shall be vested with an easement over Customer's premises authorizing it to do all things necessary to the construction, maintenance, and operation of its lines and facilities for such purpose; (3) any inspection certificates or permits that may be required by law in the local area are furnished to Company.
- (b) If Company installs a substation or other facilities for service to Customer, any available capacity of such facilities not needed to supply Customer may be used by Company to supply others.
- (c) Company may refuse to furnish electric service to any Applicant, or Customer, who at the time is indebted to Company for electric service previously supplied to such Applicant or Customer or business, in any area served by Company, except that an applicant for residential service shall not be denied service for failure to pay such bills for classes of nonresidential service.
- (d) If electricity is supplied by lines which cross the lands of the United States of America, a state, or any agency or subdivision of the United States of America or of a state, Company shall have the right, upon 30 days written notice, to discontinue the supply of electricity to any Customer or Customers receiving electricity from such lines, if and when (1) Company is required by governmental authority to incur expense in the relocation or the reconstruction underground of any portion of said lines, unless Company is reimbursed for such expense by Customer or Customers served therefrom, or (2) the right of Company to maintain and operate said lines shall be terminated, revoked, or denied by governmental authority for any reason.

3. SERVICE CHARGE

When Company first supplies electricity under any applicable metered Schedule, Customer shall pay Company a service charge of \$17.00, except a Landlord Agreement Customer shall pay a service charge of \$5.35, which shall be in addition to all other charges under the Service Agreement. This service charge shall become a part of the first bill rendered thereafter to Customer for electricity supplied at such premises unless it is paid in advance of the rendition of such bill.

4. RETURNED CHECK CHARGE

In conformity with an Order of the North Carolina Utilities Commission, Company will make a charge of \$5.00 for checks tendered on a Customer's account and returned for insufficient funds. Such charge shall apply regardless of when the check is tendered.

5. DEPOSITS

The collection of Customer deposits shall be as provided in Chapter 12 of the Rules and Regulations of the North Carolina Utilities Commission establishing uniform rules for all public utilities for the collection of Customer deposits.

6. USE OF ELECTRICITY

Electricity shall be supplied directly to Customer by Company and shall be used by Customer only for the purposes specified in, and in accordance with, the Agreement. Electricity supplied by Company shall be for Customer's use only and may not be sold directly on a metered or unmetered basis by Customer to lessees, tenants or others, except as provided for in G.S. 62-110(h) and Chapter 22 of the Commission's Rules regarding resale of electricity by landlords to residential tenants, or as may be exempt from regulation under G.S. 62-3(23)(d) and (h). Under no circumstances may Customer or other person or concern install or maintain any meter for the purposes of metering electricity with the object of rendering a bill therefor unless authorized by G.S. 62-3(23)(d) and (h).

A Customer who desires electricity for more than one classification of use on the same premises shall execute a separate Agreement for each separate classification, Customer's wiring being so arranged that electricity for each separate classification can be metered separately. When Customer conducts a business in his residence, for which business electricity is used, Company will supply all electricity through one meter under the Schedule applicable to the classification for his business use, unless Customer's wiring is so arranged that his residential use and his business use can be separately metered, in which event the appropriate Schedule will be applied to each such use.

In the event Customer utilizes a form of load control, such controls shall not cause a demand to be placed on Company's facilities which, in Company's opinion, unreasonably exceeds the integrated metered demand. Company reserves the right to determine the maximum 15-minute demand on a rolling time interval rather than the time interval of the metering facility in order to reflect the effect of any such controlled demand. The rolling time interval may or may not coincide with a time interval, if any, being supplied to Customer.

Customer shall not without the written assent of Company connect his installation to lines which cross over or under any public or semi-public space in order to supply electricity purchased through one meter to his adjacent properties. Such written assent may be given only in instances where such adjacent properties are operated as one integral unit under the same name and proprietorship and for carrying on parts of the same business, and where a separate type of business is not involved.

7. CONTRACT DEMAND

- (a) The Contract Demand shall be the kW of demand specified in the Service Agreement. In cases where any change is required in Company's facilities due to the actual demand exceeding the Contract Demand or due to Customer requesting an increase in available capacity, Company may require Customer to execute a new Agreement or amend an existing Agreement, thereby establishing a new Contract Demand. If Company is unable to supply such actual or requested increase, then upon written request, Customer will not exceed the existing Contract Demand or such amount in excess thereof as Company determines it is able to provide.
- (b) If Customer desires to reduce the effective Contract Demand at any time prior to the time the Billing Demand of the applicable Schedule first equals or exceeds the Contract Demand, Company may agree to reduce the Contract Demand to the number of kilowatts specified in writing by Customer provided Customer pays to Company a sum of money equal to the estimated cost (after deducting the then value of usable materials and facilities and the salvage value of nonusable materials and facilities) of installing and removing the existing facilities in place for serving Customer, plus any money spent by Company which would not have been spent if Customer had originally requested the reduced Contract Demand less 10% (20% if Customer is served from Company's distribution system) for each full year such facilities shall have been in service. The agreed upon reduction shall be effective with the beginning of the next ensuing billing period.

The Company reserves the right to reduce its facilities to the capacity adequate to serve the Customer's maximum 15-minute demand of the preceding 12 billing months and to amend the Service Agreement to such maximum demand. If Customer desires that Company not change its facilities, Company may agree to do so provided Customer executes a Service Agreement for the amount such facilities were installed to serve.

- (c) If Customer increases his load without adequate notice to Company, and without receiving Company's consent, and such unauthorized increase causes loss of or damage to Company's facilities, the cost of making good such loss or repairing such damage shall be paid by Customer.

8. LOW POWER FACTOR ADJUSTMENT

Customer shall at all times maintain a power factor at the point of delivery as nearly 100% as practicable; however, if Customer's power factor is found to be less than 85%, Company will increase the monthly bill by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt - amperes (kVAr) registered or computed by a demand meter suitable for measuring the demands used during any 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

9. BILLING

- (a) Company's meters will be read as nearly as practicable at regular intervals of not less than 27 days and not more than 33 days. By special contract, Company and Customer may agree to billing intervals exceeding the 27-33 day period provided that Company renders 3 monthly bills per quarter. (By special order of the regulatory agencies bimonthly reading is permitted under certain conditions.)
- (b) If Company is unable to read Customer's meter for any reason, his use may be estimated by Company on the basis of his use during the next preceding billing period for which readings were obtained, unless some unusual condition is known to exist. A bill rendered on the basis of such estimate shall be as valid as if made from actual meter readings.
- (c) The term "Month" or "Monthly" as used in Company's Schedules and Riders refers to the interval transpiring between the previous meter reading date and the current reading date and bills shall be rendered accordingly, except that if the period covered by an initial or final bill or due to rerouting of meter reading schedule is more or less than 27-33 days, the bill will be prorated based on a 30-day billing month.

10. METER TESTING AND METER STOPPAGE OR ERROR

- (a) Upon reasonable notice, when requested in writing by Customer, Company shall test the accuracy of the meter serving Customer. Such testing will be performed free of charge, except when Customer has requested, within the previous twelve months, that the same meter be tested, in which case Customer shall pay Company \$40.00 for testing a non-demand meter, other than a time-of-use meter, and \$50.00 for testing a demand or time-of-use meter. This charge shall be refunded or credited to Customer (as a part of the settlement in the case of a disputed account) if the meter is found, when tested, to register more than 2% fast; otherwise the charge shall be retained by Company.
- (b) In the event a meter fails to register accurately within the allowable limits established by the state regulatory body having jurisdiction, Company will adjust the measured usage for the period of time the meter was shown to be in error, and shall, as provided in Rule R8-44 of the Rules and Regulations of the North Carolina Utilities Commission, refund or credit to Customer or Customer shall pay to Company the difference between the amount billed and the estimated amount which would have been billed had the meter not exceeded the allowable limits. No part of any minimum service charge shall be refunded.

11. POINT OF DELIVERY

The point of delivery is the point where Company's service conductors are, or are to be, connected to Customer's conductors. Customer shall do all things necessary to bring his service conductors to such point of delivery for connection to the Company's service conductors, and he shall maintain his said conductors in good order at all times. Unless otherwise stipulated in the Agreement, the point of delivery shall be located as follows:

- (a) In cases of a connection of Company's overhead service conductors to Customer's overhead service conductors, such point of delivery shall be on the outside of the wall of Customer's building where Company's service conductors may be conveniently extended and anchored.
- (b) In cases of connection of Company's overhead service conductors to Customer's underground service conductors, such point of delivery shall be at a place on Company's nearest pole approximately one foot below the Company's conductors from which Customer is to be supplied.
- (c) In cases of connection of Company's underground service conductors to Customer's service conductors, such point of delivery shall be at a place on the outside wall of Customer's building to which Company's conductors may be conveniently extended and terminated.
- (d) In cases where a ground type substation is installed by Company to supply electricity to Customer, the point of delivery shall be at a place designated by Company.
- (e) In cases where a service entrance panel box was installed by Company on the exterior of the outside wall of Customer's dwelling for the purpose of supplying electricity under Company's All Electric Residential Service Schedule, the point of delivery shall be the point where Customer's conductors are connected to Company's conductors in such panel box.
- (f) In cases where electric wiring was installed by Company in residences or apartment buildings with service entrances of 400 amperes or larger, by connection from Company's overhead service conductors, for the purpose of supplying electricity under Company's All Electric Residential Service Schedule, the point of delivery shall be the point where Company's conductors are connected to the main switch owned by Customer, or the point where Customer's conductors are connected to the meter trough provided for multiple dwelling units if there is not a main switch for all dwelling units.

Where special circumstances render it impracticable for the point of delivery to be located as above stated, then it shall be at a place selected or approved by Company and when so done the Customer shall bring his service conductors to and maintain them at such place.

12. INSTALLATIONS

- (a) By Company: Company shall install, own, operate, and maintain all lines and equipment located on its side of the point of delivery. It shall also furnish and install the necessary meter, and meter transformers where necessary, for measuring the electricity used, though such meter will usually be located on Customer's side of the point of delivery.

When Customer requests Company to supply electricity to a single premises in a special manner requiring facilities over and above those normally provided by Company, such extra facilities will be provided, if Company finds it practicable, under the following conditions:

- (1) The facilities will be a kind and type normally used by or acceptable to Company and will be installed at a place and in a manner satisfactory to Company.
- (2) Customer will pay to Company a Monthly Facilities Charge of 1.0 percent of the estimated installed cost and rearrangement cost of all facilities required, including metering, in addition to those Company would have provided, but not less than \$25 per month.

- (3) If Company increases its investment, other than replacement of existing equipment with equipment of equal capacity and kind, in facilities necessary to supply Customer's special electric requirements (including conversion of the primary voltage to a higher voltage), the monthly charge for providing the extra facilities will be adjusted at that time. The Customer may terminate the extra facilities in accordance with the applicable termination provisions or continue the extra facilities under the changed conditions.
- (4) In lieu of the Monthly Facilities Charge of 1.0 percent, Customer may elect to make a contribution for the extra facilities as determined in 12(a)(2) and (3) above. After such payment the Monthly Facilities Charge for the extra facilities will be 0.4 percent of said payment.
- (5) When customer desires more than one point of delivery to a single premises at one or more voltages with a meter installation, acceptable to Company, to obtain the total kilowatt hours and simultaneous kilowatts of demand, Company will furnish such service under the applicable terms and conditions of this Section 12.

Only those points of delivery located external to Customer's plant structure may be included in a totalized metering system arrangement. In case of a primary meter installation, the installed cost of metering equipment will not be included as extra facilities nor will the metering equipment be compensated for line or transformation losses.

- (6) Company shall not be required to make such installation of facilities in addition to those normally provided until Customer has signed such agreements, including provisions for termination, as may be required by Company.
 - (7) The cost basis for Extra Facilities provided before July 1, 2017, shall continue to apply until a change in Customer's requirements necessitates a recalculation of the facilities that Company normally would have provided for standard electric service.
- (b) By Customer: Customer shall install, own, operate and maintain all lines, service conductors, meter bases, and equipment, exclusive of Company's meter and meter transformers on Customer's side of the point of delivery and Customer will be the owner and have exclusive control thereof as well as of all electricity after it passes the point of delivery. Customer shall so arrange his wiring that all electricity for one type of use can be supplied at one point of delivery and measured by a single meter. Except under special circumstances, Company's meter will be located on Customer's side of the point of delivery, and when it is to be so located Customer must make suitable provisions in his wiring for the convenient installation of the type of meter Company will use, and at a place suitable to Company. Customer's service entrance conductors shall not be installed within hollow walls unless the conductors are in conduit. Service entrance conductors not installed in conduit must be readily visible on the source side of Company's meter. Where a socket-type meter is to be used, Customer will provide, install at a place suitable to Company, own, and maintain a meter base or meter/switch enclosure to accommodate Company's meter under the following conditions: (1) the meter base or meter/switch enclosure shall be in accordance with Company specifications and bear the seal of approval of UL or other recognized authority in the industry, (2) Customer agrees to allow Company to install, maintain, and exercise exclusive control over all Company-owned facilities located inside Customer-owned meter base or meter/switch enclosure, including termination of Company-owned conductors to the line side terminals of Customer's meter base or meter/switch enclosure, (3) Customer agrees to allow Company to open and inspect the meter base or meter/switch enclosure at any time, and (4) Customer shall notify Company and obtain permission before altering or performing maintenance inside the meter base or metering section of the meter/switch enclosure. Socket-type meter bases furnished by Company prior to January 1, 1991 will continue to be owned by Company until replacement of meter base is necessary, at which time Customer will provide, install at a place suitable to Company, own, and maintain a replacement meter base under the above conditions.

Customer shall not utilize any equipment, appliance, or device which tends to affect adversely Company's supply of service to, or the use of service by, Customer or others. Customer shall not install gaseous discharge lighting with a power factor of less than 90 percent lagging. When polyphase service is supplied by Company, Customer shall control his use so that his load will be maintained in reasonable electrical balance between the phases at the point of delivery. Customer shall install and maintain devices adequate to protect his equipment against irregularities on Company's system, including devices to protect against single phasing.

- (c) Access To Premises: The duly authorized agents of Company shall have the right of ingress and egress to the premises of Customer at all reasonable hours over the same general route as Customer utilizes for the purpose of reading meters, inspecting Company's wiring and apparatus, changing, exchanging, or repairing its property on the premises of Customer and to remove such property at the time of or at any time after suspension of service or termination of Agreement.
- (d) Protection: Customer shall protect Company's wiring and apparatus on Customer's premises and shall permit no one but Company's agents to handle same. In the event of any loss or damage to such property of Company caused by or arising out of carelessness, neglect, or misuse by Customer, his employees or agents, the cost of making good such loss or repairing such damage shall be paid by Customer. In cases where Company's service facilities on Customer's premises require abnormal maintenance due to Customer's operation, Customer shall reimburse Company for such abnormal maintenance.

13. CONTINUANCE OF SERVICE AND LIABILITY THEREFOR

Company does not guarantee continuous service but shall use reasonable diligence at all times to provide an uninterrupted supply of electricity and having used reasonable diligence shall not be liable to Customer for damage, for failure in, or for interruptions or suspensions of, the same.

Company reserves the right to suspend service without liability on its part at such times and for such periods and in such manner as it may deem advisable (a) for the purpose of making necessary adjustments to, changes in, or repairs on its lines, substations, and facilities and (b) in cases where, in its opinion, the continuance of service to Customer's premises would endanger persons or property.

In the event of an adverse condition or disturbance on the system of Company, or on any other system directly or indirectly interconnected with it, which requires automatic or manual interruption of the supply of electricity to some customers or areas in order to limit the extent or damage of the adverse condition or disturbance, or to prevent damage to generating or transmission facilities, or to expedite restoration of service, Company may, without incurring liability, interrupt service to customers or areas and take such other action as appears reasonably necessary.

Customer assumes responsibility for and shall indemnify, defend, and save the Company harmless against all liability, claims, judgments, losses, costs, and expenses for injury, loss, or damage to persons or property including personal injury or property damage to Customer and his employees on account of defective construction, wiring, or equipment, or improper or careless use of electricity, on Customer's side of the point of delivery.

14. GOVERNMENT RESTRICTIONS

The delivery date, quantity, and type of electricity to be supplied by Company are subject to changes, restrictions, curtailments, or complete suspensions by Company as may be deemed by it to be necessary or advisable (a) on account of any lawful order or regulation of any municipal, State, or Federal government or agency thereof, or order of any court of competent jurisdiction, or (b) on account of any emergency or shortage due to war or catastrophe, or during the duration thereof, all without liability on the part of the Company therefor.

15. COSTS INCURRED IN PREPARING TO SERVE CUSTOMER

If a prospective customer advises Company that he intends to contract for electric service with Company, and Company incurs costs in preparing to furnish service to him, and thereafter he fails to enter into a written Service Agreement with Company within a reasonable time after the date when he advises Company that he expects to begin receiving service, then such prospective customer shall be liable to Company for all costs reasonably incurred by Company in preparing to serve him, subject to review by the Utilities Commission.

16. SALES TAX

Any applicable North Carolina Sales Tax shall be added to the charges contained in the Schedules, Riders, and these Service Regulations.

17. GENERAL

- (a) Whenever the term "service" or "electric service" is used in these Service Regulations or other portions of the Agreement, it shall be construed to refer to the electricity supplied to Customer.
- (b) The term "Company's service conductors" means Company's wires extending from the point of connection with Company's supply line to the point of delivery.
- (c) The term "Customer's service conductors" shall mean Customer's wires extending from the point of delivery to the switch box or other point where the branch circuits connect for the purpose of distributing the electricity taken from Company to his various places of use.
- (d) The term "service connection" means the connection of Company's service conductors to Customer's service conductors.

Superseding North Carolina Service Regulations dated August 1, 2015
Revised July 1, 2017
NCUC Docket No. E-2, Sub 1142

LINE EXTENSION PLAN E-67

I. AVAILABILITY

This line extension plan is applicable to distribution line extensions to all retail service.

II. DEFINITIONS

A. ABNORMAL INSTALLATIONS

Abnormal Installations include the following:

1. Abnormal Construction

Abnormal construction costs are incurred when physical obstacles or adverse conditions preclude the use of Company's standard construction methods, or excessive labor is necessary to install the Company's facilities to serve the Customer. Abnormal Construction includes (but is not limited to) the following conditions: the composition of the land where underground facilities are to be installed is such that Company's standard construction equipment cannot be used to complete the installation, or excessive labor is required to complete the installation; special equipment and materials are needed for stream crossing structures or concrete structures; explosives or other rock breaking measures are required; abrupt changes in final grade levels exceed a slope ratio of one when measured within three feet of the trench; or, cost is incurred to obtain special permits or in order to comply with requirements, if any, of the municipalities, counties, State and Federal highway or environmental agencies or departments regarding the replacement of pavement, ditching, compaction, backfilling, permitting or other related conditions. Also, when it is necessary to install underground facilities under existing streets, sidewalks, patios, or other paved areas, the Customer shall contribute the additional costs to install the Company's facilities had these physical obstructions not been present.

2. Abnormal Design

Abnormal design costs are incurred when the Customer requests facilities or construction methods that exceed the Company's standard engineering design practices and/or the standard design for normal service for a specific Customer.

Where abnormal installation costs are incurred by the Company, the Customer shall, in addition to any other charges contained in this Plan, pay for the excess costs incurred by the Company. Any Company facilities considered by the Company to be extra facilities in accordance with the Company's Service Regulations, Provision 12.(a) INSTALLATIONS or its successor, shall not be treated as abnormal installation costs in this Line Extension Plan.

B. CONSTRUCTION COST

The Construction Cost is the Company's estimated installed cost based upon either a detailed cost estimate or an average/standardized estimate of constructing all necessary facilities to the point(s) of delivery, including the cost of transformers, materials, labor, metering, transportation, stores, tax, engineering, and general expenses, exclusive of any abnormal installation costs as defined in II.A. above.

When applied to Temporary Service, Construction Service, and electric service to Nonpermanent Manufactured Homes, the Construction Cost shall also include the removal

costs minus the salvage value of the facilities. When it is necessary to remove, relocate, or rearrange existing Company facilities, the Construction Cost shall also include the removal cost of existing Company facilities, plus the rearrangement cost of existing Company facilities, minus the salvage value of any existing Company facilities being removed.

C. CONSTRUCTION SERVICE

A Construction Service Customer is a customer whose need is for use in the construction of buildings or other establishments which will receive, upon completion, permanent electric service from the Company.

D. NONPERMANENT MANUFACTURED HOME

A manufactured home shall be considered nonpermanent if it does not meet the following requirements:

1. It must be attached to a permanent foundation;
2. It must be connected to permanent water and sewer facilities;
3. It must be labeled as a structure which can be used as a permanent dwelling; and
4. The owner/occupant must either own the land on which the structure is installed or must have a recorded lease of at least 5 years' duration.

E. NORMAL POINT OF DELIVERY

The Normal Point of Delivery for overhead service to residential customers shall be on the outside wall of the end of the building nearest to the source of the Company's facilities entering the Customer's premises.

The Normal Point of Delivery for service to all other customers shall be at a location designated by the Company.

F. PERMANENT SERVICE

A Permanent Service customer must have on-going year-round electric service needs. For purposes of this Plan, the following types of customers or structures shall not be considered Permanent Service customers: Temporary Service customers, Construction Service customers, Nonpermanent Manufactured Homes, and structures designed or used to provide mobility and/or nonpermanent living accommodations (including, but not limited to, boats, campers, motor homes, and recreational vehicles).

G. REAL ESTATE DEVELOPMENT

A Real Estate Development is a residential subdivision, commercial park, industrial park, mobile home park, apartment complex, planned area development, or other similar type development consisting of four or more contiguous lots recorded with the appropriate County Registry where permanent electric service will be provided to four or more customers.

H. REVENUE CREDIT

The Revenue Credit is equal to three years of estimated annual revenues (five years for the initial extension of distribution facilities to an individual residential dwelling unit other than a Nonpermanent Manufactured Home or any structure classified as a Temporary Service Customer). The estimated annual revenue shall be determined by the Company for the new or additional load and shall be based upon the charges set forth in the applicable rate schedule(s).

I. STANDARD DESIGN

Standard Design means the most cost effective design using the Company's current engineering design and construction practices which will meet the electrical service requirements of the Customer. The "standard design" which is the most cost effective may be either overhead or underground.

J. TEMPORARY SERVICE

A Temporary Service Customer is any residential or nonresidential customer whose electric service needs will not result in permanent electric service and the Company's facilities installed to serve the Customer shall not be needed to serve other customers in the near future. Customers requesting electric service to vehicles or structures designed or used to provide mobility and/or nonpermanent living accommodations (including, but not limited to, boats, campers, motor homes, and recreational vehicles), rock crushers, asphalt plants, carnivals, fairs and other nonpermanent installations shall also be classified as Temporary Service Customers.

III. EXTENSION OF SERVICE

A. SINGLE-PHASE SERVICE TO INDIVIDUAL CUSTOMERS

1. Extensions Involving Only Secondary Service

The Company will construct, own, operate, and maintain the overhead service facilities necessary to provide service from an overhead secondary source or an underground service lateral from an underground secondary source to the Normal Point of Delivery to all customer-requested facilities except Nonpermanent Manufactured Homes (see III.A.3. below), Temporary Service Customers (see III.C. below), or Construction Service Customers (see III.D. below) at the Company's expense, except that the Customer shall pay for any abnormal installation costs as determined by the Company. A non-residential Customer shall pay the Construction Cost minus the Revenue Credit (see II.H. above) for the service in excess of five hundred (500) feet.

If the Customer requests an installation other than the standard design and/or for points of delivery other than the Normal Point of Delivery that cause the Company to incur additional costs the customer shall pay such costs.

When it is necessary to relocate the secondary service for the Customer's convenience, the Customer's payment, if any, shall be the Construction Cost minus the Revenue Credit (see II.H. above), plus any abnormal installation costs as determined by the Company.

2. Extensions Involving Primary Distribution Facilities

The Company will construct, own, operate, and maintain all primary distribution facilities necessary to extend single-phase electric service to the Normal Point of Delivery at Company's expense, except as provided below. The Company will provide the secondary service portion of such line extension, if any, in accordance with III.A.1. above.

For the primary portion of a standard design single-phase line extension to all customer-requested facilities except Nonpermanent Manufactured Homes (see III.A.3. below), Temporary Service Customers (see III.C. below), or Construction Service Customers (see III.D. below), the Customer shall pay the amount (if any) by which the Construction Cost exceeds the Revenue Credit (see II.H. above).

If the Customer requests an installation other than the standard design and/or for Points of Delivery other than the Normal Point of Delivery that cause the Company to incur additional costs, the Customer shall pay for such additional cost.

When it is necessary to relocate the primary distribution facilities serving any customer-requested facilities except Nonpermanent Manufactured Homes (see III.A.3. below) or Temporary Service Customers (see III.C. below) for the Customer's convenience, the Customer shall pay the amount by which the Construction Cost exceeds the Revenue Credit (see II.H. above).

3. Service Extensions or Relocations for Nonpermanent Manufactured Homes

The Company shall construct, own, operate, and maintain the single-phase 120/240 volt secondary service to the Normal Point of Delivery necessary to provide service for a Nonpermanent Manufactured Home and the Customer shall pay the total installed cost plus removal cost minus salvage value of the facilities removed plus any abnormal installation costs as determined by the Company.

B. THREE-PHASE SERVICE TO INDIVIDUAL CUSTOMERS

1. Extensions Involving Only Secondary Service

The Company will construct, own, operate, and maintain all overhead and/or underground distribution facilities necessary to extend three-phase secondary electric service to the Normal Point of Delivery at the Company's expense, except that the customer shall pay for any estimated abnormal installation costs as determined by the Company. A non-residential Customer shall pay the Construction Cost minus Revenue Credit (see II.H. above) for service in excess of five hundred (500) feet.

If the Customer requests an installation other than the standard design and/or for Points of Delivery other than the Normal Point of Delivery which causes the Company to incur additional costs, the Customer shall pay for such additional cost.

2. Extensions Involving Primary Distribution Facilities

The Company will construct, own, operate, and maintain all primary distribution facilities necessary to extend three-phase service to the Normal Point of Delivery at the Company's expense, except as provided below.

For a standard design three-phase primary line extension to all customer-requested facilities except Temporary Service Customers (see III.C. below) or Construction Service Customers (see III.D. below), the Customer shall pay the amount by which the Construction Cost exceeds the Revenue Credit (see II.H. above).

If the Customer requests an installation other than the standard design and/or for Points of Delivery other than the Normal Point of Delivery that cause the Company to incur additional costs, the Customer shall pay for such additional costs.

C. TEMPORARY SERVICE

For overhead single-phase 120/240 volt secondary service extensions requiring a service drop only, the Customer shall pay an overhead temporary service charge plus a service footage charge of conductor. For up to five feet of underground single-phase 120/240 volt secondary service provided from existing underground facilities, the Customer shall pay an underground temporary service charge. The service charge shall recover Company's cost for extending

overhead or underground facilities for a typical installation. For all other types of Temporary Service, including but not limited to installation of transformers, the Customer shall pay for the actual cost of connection and disconnection. The cost shall include the total installed cost plus removal cost less salvage value of the facilities removed.

D. CONSTRUCTION SERVICE

Overhead single-phase 120/240 volt Construction Service requiring a service drop of no more than one hundred feet without the installation of any Company-owned transformers or poles, or an underground single-phase 120/240 volt Construction Service requiring a service lateral of no more than five feet from and existing 120/240 volt source shall be provided at the Company's expense. For all other types of Construction Service, the Customer shall pay the total installed cost plus removal cost less salvage value of the facilities removed.

In addition to any Customer payment for the initial Construction Service, the Customer shall pay for the estimated installed cost plus removal costs minus salvage value of the facilities installed to provide any Construction Service facilities in excess of one point of delivery per permanent building.

E. NEW REAL ESTATE DEVELOPMENTS

1. Residential Developments

At the developer's request, the Company will construct, own, operate, and maintain overhead and/or underground distribution facilities to provide a basic distribution system, normally 120/240 volt single-phase service or as determined by the Company, within the Real Estate Development in which it is contemplated that individual lots will be sold or leased. The developer requesting the basic distribution system shall pay any amount by which the Construction Cost exceeds the estimated Revenue Credit (see II.H. above) from the development, plus any estimated abnormal installation costs as determined by the Company.

2. Nonresidential Developments and Planned Area Developments

At the developer's request, the Company will construct, own, operate, and maintain overhead and/or underground distribution facilities to provide a basic distribution system within the Real Estate Development in which it is contemplated that individual lots will be sold or leased. The developer requesting the basic distribution system shall pay any amount by which the Construction Cost exceeds the estimated Revenue Credit (see II.H. above) from the development, plus any estimated abnormal installation costs as determined by the Company.

3. Idle Facilities Deposits

The Company may in its discretion limit installation of the Company's electrical facilities in a Real Estate Development to that area which in the Company's judgment is likely to be occupied within a reasonable period of time, in order to avoid excess investment in idle facilities. The developer may obtain installation in the additional area by paying a deposit equal to the total estimated installed cost of the facilities to serve the additional area. In lieu of such deposit and solely at the Company's option, an approved alternative financial instrument, such as an irrevocable standby letter of credit, may be used as security. Idle Facilities Deposits are reviewed annually and will be refunded based on the pro rata portion of the Company's idle facilities needed to serve customers during the preceding 12 months. Any deposit held by the Company for five years or more shall not be refunded.

4. General

In advance of any design work by the Company, the developer of a Real Estate Development shall be responsible for providing to the Company an estimate of electrical loads within the development, and a surveyor's recorded plot plan with premise addresses for each lot. In the case of a mobile home park or multi-family project, the plot plan shall indicate the location of each structure within the development. The developer recognizes and acknowledges that the Company will rely upon such information in sizing and installing the facilities necessary to serve the development.

Each individual customer within the development will be served in accordance with III.A., B., C., or D. above, and shall be subject to any applicable Customer payment obligation.

When the Company's existing facilities within a Real Estate Development must be rearranged and/or abandoned due to any actions of the original owner or developer, or any subsequent owner(s) or developer(s) within the development, the party requesting the changes shall pay: 1) the Construction Cost of relocating the facilities, plus 2) the installed cost plus removal cost less salvage value for any facilities removed or abandoned.

F. CONVERSIONS OF OVERHEAD TO UNDERGROUND SERVICE

The conversion of existing overhead distribution facilities to underground distribution facilities is governed solely by the provisions of this section. Conversions shall be in accordance with the following:

1. Residential Customers

When the Customer requests the Company to replace an existing single phase overhead residential service connection or a secondary and service combination, the Customer shall pay the average/standardized construction cost for a standard installation including the following charges:

- (a) The cost of converting from overhead to underground facilities.
- (b) A per foot cost per linear foot of underground conductor.
- (c) Any estimated abnormal installation costs as determined by the Company.

If the Customer's load requirements necessitate replacing the overhead secondary or the secondary and service combination, the construction cost of replacing the overhead facilities shall be credited to the Customer. The above charges will not apply and charges will be determined pursuant to Section F.2. below when (1) the Customer requests to undertake certain tasks, as permitted by Section IV.B. (2) when load additions warrant replacement of the overhead facilities and the Customer requests a detailed cost estimate or (3) the Company is required to replace an existing residential overhead connection which involves primary distribution facilities.

2. Other Individual Customers

When the Customer requests the Company to replace an existing overhead connection with underground facilities and such change is not the result of an increase in the Customer's electrical requirement that would have necessitated replacing the overhead

facilities, the Customer shall pay, based on the Company's estimates:

- (a) The installed cost of the underground facilities, plus
- (b) The costs of removing and rearranging the overhead facilities, plus
- (c) Any abnormal installation costs as determined by the Company, minus
- (d) The salvage value of the overhead facilities

When the Customer's electrical requirement necessitates replacing the overhead facilities serving the Customer, the Customer payment shall be determined in accordance with paragraph III.A., B., C., or D. of this Plan.

3. Replacement of General Overhead Distribution Facilities with Underground Facilities

For installations not otherwise covered by other sections of this Plan or rate schedules, or which include more facilities than are covered by other sections of this Plan, the Company shall replace overhead distribution facilities with underground facilities subject to the following conditions:

- (a) The party requesting the conversion shall deposit with the Company the estimated cost of the engineering study necessary to determine the cost of converting to underground facilities. If within one year after the date of the deposit an agreement is reached for converting the distribution facilities to underground facilities, the deposit shall be credited to the contribution required by the requesting party. Should an agreement not be executed within one year, the deposit shall not be refunded or credited to the requesting party.
- (b) The area to be converted shall be the area that the Company considers physically and technically feasible, but normally will not be less than one city block or 1,000 linear feet.
- (c) The party requesting the conversion shall arrange with all customers affected thereby to receive, at locations designated by the Company, electric service of the type and voltage available from the underground system. The area being converted shall be declared an underground area and only underground service will be available within such area. Underground service to future customers within the area shall be provided in accordance with III.A., B., C., D., and E. of this Plan.
- (d) The party requesting the conversion shall pay the estimated cost of underground facilities, plus the cost of removing and rearranging the overhead facilities, less the salvage value of the overhead facilities being removed. If the Company has to rebuild its overhead facilities within the area, such as relocating its facilities due to a street widening, the payment to the Company shall be reduced by the estimated cost of such work exclusive of the cost of rights of way, clearing, and street lighting.
- (e) Street lighting service and conversion to underground facilities shall be in accordance with the Company's filed street lighting schedules.
- (f) The party requesting the conversion shall provide the Company the necessary rights of way and clearing thereof, at no cost to the Company, for the installation of the Company's underground facilities. Such rights of way and clearing will include the necessary space for the Company to install any required vaults, pad mounted transformers, or other associated equipment.

- (g) The party requesting the conversion shall be responsible for placing all traffic and other control circuits underground.

IV. GENERAL

A. RIGHTS OF WAY

The Customer will furnish, without cost to the Company, necessary easements and rights of way for the supply of electric service to the Customer.

The location of the Company's transmission lines or right of way easements of the Company for existing or future transmission lines shall not be affected by this Plan or any contract executed thereunder.

The Customer shall be responsible for the initial clearing to final grade, free of stumps and other obstructions, for any right of way necessary to provide underground electric service. When it is necessary to clear the right of way on the Customer's property to provide overhead electric service, the Customer shall be responsible for the removal of all debris resulting from such clearing. In lieu thereof, the Company shall provide such service provided the Customer agrees to pay the Company for any and all estimated clearing costs and any tree debris removal and/or disposal costs.

B. PAYMENTS

The Company reserves the right to collect any line extension payments under this Plan before installation of the facilities begins.

The Customer may be allowed to perform certain tasks solely on property owned by Customer in accordance to the Company's specifications to reduce the Customer payments contained herein, provided the Company determines that the Customer's work will not reduce the quality of the installation and maintenance of the facilities to be installed. Such tasks include trenching, right of way clearing for overhead facilities, rock removal, and cutting and replacing pavement and other obstructions that would impede the Company from using normal construction materials and equipment, which the Company determines would not reduce the quality of the installation and maintenance of the facilities to be installed. When the Customer elects to perform such work, the Customer shall be solely responsible for obtaining all necessary permits and for complying with all state and federal laws and regulations.

The Company will only collect payments under this Plan when the total of all contributions, minus all credits, exceeds Company's administrative cost of collecting and processing the payment.

Whenever the Revenue Credit exceeds the Construction Cost, the difference shall always be expressed as zero.

C. TYPE OF FACILITIES

The Company shall have the right to install an overhead or underground distribution system at its option. However, if the Customer or developer requests, or a city ordinance or other legal restriction requires that such lines be placed underground rather than overhead, the Customer or developer shall pay for all costs associated with such service pursuant to this Plan. The Company, in reliance upon information provided by the Customer or Developer shall design the most efficient and cost-effective system to meet the Customer's needs based on the Company's current design and construction practices. The Company's cost

calculations shall be based on this standard design for normal service. If the standard design for normal service includes multiple circuits installed in the same trench, the trench footage used in computing the Customer's payment shall be multiplied by the number of circuits installed in the trench.

Normally, the Company does not install overhead facilities in areas served (or contracted to be served) by an underground distribution system. However, where adverse conditions exist which would cause excessive costs to the Company if underground facilities were installed, overhead facilities may be utilized as needed to avoid such excessive costs. Should the Customer or local ordinance require the installation of underground facilities, the Customer shall pay the normal charges for underground service plus the estimated amount by which the cost of providing underground facilities under the adverse conditions exceeds the cost of providing underground facilities under normal conditions.

The Company shall provide electric service, either overhead or underground, at a single point of delivery at one of the Company's standard voltages. The type and location of these facilities shall be in accordance with sound engineering practices as determined by the Company's engineers and any information provided by the Customer.

In areas, where the Company's standard design requires that underground conductors be placed in concrete-encased duct systems, typically designated downtown underground areas, the Company will bear the expense of the concrete-encased duct system on public easements. Where the design to meet the Customer's request requires the concrete-encased duct system to be extended onto private property, the Customer will provide the appropriate concrete-encased duct system to the Company's specifications. Alternatively, the Customer may request that the Company install the concrete-encased duct system and the cost shall be paid to the Company by the Customer.

D. OBSTRUCTIONS

The Customer, developer, or other party requesting the Company's distribution facilities to be installed shall remove all obstructions from the route along which the Company's underground facilities are to be installed, and provide continuing access to the Company for operation, maintenance, or replacement of these facilities. The Company shall not be responsible for any damage to any shrubs, trees, grass, or any other foliage or property caused by the Company's equipment during installation, maintenance, or replacement of the Company's facilities. The Customer shall be responsible for all such items, and for reseeding or resodding the trench cover where required. In addition, the Company shall not be responsible for the repair or replacement of underground facilities on the Customer's premises damaged during the installation of the Company's facilities, unless, prior to the Company's construction, the Customer clearly identified the location of such facilities.

The Customer, developer, or other party requesting the Company's distribution facilities to be installed shall install conduit, as specified by the Company, for locations where underground conductors will cross underneath paved areas when paving is to be completed prior to the installation of the Company's underground conductors.

V. TAXES

To the above charges will be added any applicable taxes for contributions in aid of construction and any applicable Sales Tax.

Supersedes Line Extension Plan E-66
Effective Date: July 1, 2017
NCUC Docket No. E-2, Sub 1142

A-4

Duke Energy Progress, LLC

STANDARD SERVICE VOLTAGES
AVAILABLE FROM DISTRIBUTION CLASS FACILITIES
(SEE COMMENTS CONCERNING SPECIFIC VOLTAGES)

A. Residential Service (+/- 5%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	114	120	126
120/240*	114/228	120/240	126/252
240/120	228/114	240/120	252/126
208Y/120	198Y/114	208Y/120	218Y/126

B. Specifically for Lighting Purposes (+/- 5%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	114	120	126
120/240*	114/228	120/240	126/252
240/120	228/114	240/120	252/126
208Y/120	198Y/114	208Y/120	218Y/126
480Y/277	456Y/263	480Y/277	504Y/291
4160Y/2400	3950Y/2280	4160Y/2400	4370Y/2520
7200*	6840	7200	7560
12470Y/7200	11850Y/6840	12470Y/7200	13090Y/7560
13200*	12540	13200	13860
22860Y/13200	21720Y/12540	22860Y/13200	24000Y/13860

C. Other Retail Service (+/- 10%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	108	120	132
120/240*	108/216	120/240	132/264
240/120	216/108	240/120	264/132
208Y/120	188Y/108	208Y/120	229Y/132
480Y/277	432Y/249	480Y/277	528Y/305
480	432	480	528
600	518	575	633
2400	2160	2400	2640
4160Y/2400	3740Y/2160	4160Y/2400	4580Y/2640
7200*	6480	7200	7920
12470Y/7200	11220Y/6480	12470Y/7200	13720Y/7920
13200*	11880	13200	14520
22860Y/13200	20570Y/11880	22860Y/13200	25150Y/14520

*Single Phase Voltages - all other three phase

Comments Concerning Specific Voltages

Nominal Voltage

120	This voltage is not recommended for load in excess of 20 amperes.
120/240	For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 100 kW. Company may apply its extra facilities provision for metered demands in excess of 100 kW.
240/120	This voltage is available only from overhead transformation facilities or from underground open-delta pad-mounted transformers provided the load doesn't exceed 155 kW. For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 300 kW. Company may apply its extra facilities provision for metered demands in excess of 300 kW.
208Y/120	This voltage is not recommended for individual residential service. For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 650 kW. Company may apply its extra facilities provision for metered demands in excess of 650 kW.
600 or 2,400	These voltages are not recommended for metered demands less than 300 kW. Company may apply its extra facilities provision for metered demands less than 300 kW.

NCUC Docket No. E-2, Sub 1142
Supersedes : August 1, 2015
Revised: July 1, 2017

Duke Energy Progress, LLC
(North Carolina)

C-2

TERMS AND CONDITIONS FOR THE PURCHASE OF ELECTRIC POWER

1. PURCHASE POWER AGREEMENT

These "Terms and Conditions" provide a mechanism through which Duke Energy Progress, LLC, hereafter called "Company," will agree to purchase energy or capacity or both from an Eligible Qualifying Facility as defined in the Purchased Power Schedule PP. This Purchase Power Agreement is solely for the purchase of electricity produced by Seller's generation, net of generator auxiliary requirement, and does not provide for the sale of any electric service by Company to Seller.

- (a) Description - The Purchase Power Agreement (hereinafter sometimes termed "Agreement") shall consist of (1) Company's form of Purchase Power Agreement when signed by Seller and accepted by Company, (2) the applicable Schedule for the purchase of electricity as specified in the Purchase Power Agreement, and (3) these Terms and Conditions for the Purchase of Electric Power (hereinafter referred to as "Terms and Conditions"), and all changes, revisions, alterations therein, or substitutions therefor lawfully made.
- (b) Application of Terms and Conditions and Schedules - All Purchase Agreements in effect at the effective date of this tariff or that may be entered into in the future, are made expressly subject to these Terms and Conditions, and subject to all applicable Schedules as specified in the Purchase Power Agreement, and any changes therein, substitutions thereof, or additions thereto lawfully made, provided no change may be made in rates or in essential terms and conditions of this contract except by agreement of the parties to this contract or by order of the state regulatory authority having jurisdiction (hereinafter "Commission").
- (c) Conflicts - In case of conflict between any provision of a Schedule and of these Terms and Conditions, the provision of the Schedule shall prevail.
- (d) Waiver - The failure of either Party to enforce or insist upon compliance with any of the terms or conditions of this Agreement shall not constitute a waiver or relinquishment of any such terms or conditions, but the same shall be and remain at all times in full force and effect.
- (e) Assignment of Agreement - A Purchase Agreement between Company and Seller may not be transferred and assigned by Seller to any person, firm, or corporation purchasing or leasing and intending to continue the operation of the plant or business which is interconnected under such Agreement, without the prior written approval of Company. Company will not unreasonably withhold consent provided that such assignment does not require any amendment to the terms and conditions of this Agreement, other than the notice provision thereof. Any assignment that Company has not approved in writing shall be null and void and not effective for all purposes. However, before such rights and obligations are assigned, the assignee must first obtain necessary approval from all regulatory bodies including, but not limited to, the Commission.
- (f) Notification of Assignment, Transfer or Sale - In the event of an assignment of the rights and obligations accruing to Seller under this Agreement, or in the event of any contemplated sale, transfer or assignment of the Facility or the Certificate of Public Convenience and Necessity, the Seller shall, in addition to obtaining the approvals hereof, provide a minimum of 30 days prior written notice advising Company and the Commission of any plans for such an assignment, sale or transfer, or of any accompanying significant changes in the information required by Commission Rule R8-64, R9-65 or R8-66 which are incorporated by reference herein.
- (g) Suspension of Sales Under Agreement at Seller's Request - If Seller is temporarily unable to produce the electricity contracted for due to physical destruction of, or damage to, his premises,

Company will, upon written request of Seller, and for a period Company deems as reasonably required to replace or repair such premises, suspend billing under the Agreement, exclusive of any Monthly Facilities Charges, effective with the beginning of the next sales period.

- (h) Termination of Agreement at Seller's Request - If Seller desires to terminate the Agreement, Company will agree to such termination if all bills for services previously rendered to Seller including any termination or other charges applicable under any Interconnection Agreement, plus any applicable termination charges, have been paid. Termination charges shall consist of any applicable termination charges for premature termination of capacity as set forth in paragraphs 4 and 6 of these Terms and Conditions. Company may waive the foregoing provision if Company has secured or expects to secure from a new occupant or operator of the premises an Agreement satisfactory to Company for the delivery of electricity to Company for a term not less than the unexpired portion of Seller's Agreement.
- (i) Company's Right to Terminate or Suspend Agreement - Company, in addition to all other legal remedies, may either terminate the Agreement or suspend purchases of electricity from Seller (1) for any default or breach of Agreement by Seller, (2) for fraudulent or unauthorized use of Company's meter, (3) for failure to pay any applicable bills when due and payable, or (4) for a condition on Seller's side of the point of delivery actually known by Company to be, or which Company reasonably anticipates may be, dangerous to life or property. Termination of the contract is at Company's sole option and is only appropriate when Seller either cannot or will not cure its default or if Seller fails to deliver energy to Company for six (6) consecutive months.

No such termination or suspension, however, will be made by Company without written notice delivered to Seller, personally or by mail, stating what in particular in the Agreement has been violated, except that no notice need to be given in instances set forth in 1.(i)(2) above. Company shall give Seller thirty (30) calendar days prior written notice before suspending or terminating the Agreement pursuant to provisions 1.(i)(1) and (3). Company shall give Seller five (5) calendar days prior written notice before suspending or terminating the Agreement pursuant to provision 1.(i)(4).

Failure of Company to terminate the Agreement or to suspend the purchase of electricity at any time after the occurrence of grounds therefor, or to resort to any other legal remedy or to exercise any one or more of such alternative remedies, shall not waive or in any manner affect Company's right later to resort to any one or more of such rights or remedies on account of any such ground then existing or which may subsequently occur.

Any suspension of the purchase of electricity by Company or termination of the Agreement upon any authorized grounds shall in no way operate to relieve Seller of Seller's liability to compensate Company for services and/or facilities supplied, nor shall it relieve Seller (1) of Seller's liability for the payment of minimum monthly charges during the period of suspension, nor (2) of Seller's liability for damages, if the Agreement has been terminated, in the amount of (a) the minimum monthly charges which would have been payable during the unexpired term of the Agreement plus (b) the Early Contract Termination charge as set forth in these Terms and Conditions.

2. CONDITIONS OF SERVICE

- (a) Company is not obligated to purchase electricity from Seller unless and until: (1) Company's form of Purchase Power Agreement is executed by Seller and accepted by Company; (2) in cases where it is necessary to cross private property to accept delivery of electricity from Seller, Seller conveys or causes to be conveyed to Company, without cost to Company, a right-of-way easement, satisfactory to Company, across such private property which will provide for the construction, maintenance, and operation of Company's lines and facilities, necessary to receive electricity from Seller; provided, however, in the absence of a formal conveyance, Company nevertheless, shall be vested with an easement over Seller's premises authorizing it to do all

things necessary including the construction, maintenance, and operation of its lines and facilities for such purpose; and (3) any inspection certificates or permits that may be required by law in the local area are furnished to Company. Where not required by law, an inspection by a Company-approved inspector shall be made at Seller's expense. In the event Seller is unable to secure such necessary rights of way, Seller shall reimburse Company for all costs Company may incur for the securing of such rights of way.

The obligation of Company in regard to service under the Agreement are dependent upon Company securing and retaining all necessary rights-of-way, privileges, franchises, and permits, for such service. Company shall not be liable to any Seller in the event Company is delayed or prevented from purchasing power by Company failure to secure and retain such rights-of-way, privileges, franchises, and permits.

- (b) Seller shall operate its Facility in compliance with all applicable operating guidelines established by the North American Electric Reliability Corporation ("NERC") and the SERC Reliability Corporation ("SERC") or any successor thereto.
- (c) Seller shall submit an Interconnection Agreement as set forth in the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections. Company shall not be required to install facilities to support interconnection of Seller's generation or execute the Purchase Power Agreement until Seller has signed an Interconnection Agreement as set forth in the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections, as may be required by Company.
- (d) If electricity is received through lines which cross the lands of the United States of America, a state, or any agency or subdivision of the United States of America or of a state, Company shall have the right, upon 30 days' written notice, to discontinue receiving electricity from any Seller or Sellers interconnected to such lines, if and when (1) Company is required by governmental authority to incur expenses in the relocation or the reconstruction underground of any portion of said lines, unless Company is reimbursed for such expense by Sellers or customers connected thereto, or (2) the right of Company to maintain and operate said lines is terminated, revoked, or denied by governmental authority for any reason.

3. DEFINITIONS

- (a) Nameplate Capacity: The term "Nameplate Capacity" shall mean the manufacturer's nameplate rated output capability of the generator. For multi-unit generator facilities, the "Nameplate Capacity" of the facility shall be the sum of the individual manufacturer's nameplate rated output capabilities of the generators.
- (b) Net Capacity: The term "Net Capacity" shall mean the Nameplate Capacity of the Seller's generating facilities, less the portion of that capacity needed to serve the generating facilities' Auxiliary Load.
- (c) Auxiliary Load: The term "Auxiliary Load" shall mean power used to operate auxiliary equipment in the facility necessary for power generation (such as pumps, blowers, fuel preparation machinery, and exciters).
- (d) Whenever the term "purchase" or "purchase of electricity" is used in these Terms and Conditions or other portions of the Agreement, it shall be construed to refer to the electricity supplied to Company by Seller.
- (e) The term "Company's conductors" shall mean Company's wires extending from the point of connection with Company's existing electric system to the point of delivery.

- (f) The term "Seller's conductors" shall mean Seller's wires extending from the point of delivery to the switch box or other point where Seller's circuits connect for the purpose of supplying the electricity produced by Seller.
- (g) The term "interconnection" shall mean the connection of Company's conductors to Seller's conductors.

4. CONTRACT CAPACITY

- (a) The Contract Capacity shall be the kW of capacity specified in the Purchase Power Agreement. This term shall mean the maximum continuous electrical output capability expressed on an alternating current basis of the generator(s) at any time, at a power factor of approximately unity, without consuming VARs supplied by Company, as measured at the Point of Delivery and shall be the maximum kW delivered to Company during any billing period. In cases where any change is required in Company's facilities due to the actual capacity delivered exceeding the Contract Capacity or due to Seller requesting an increase in the capacity of Company's facilities, Company may require Seller to execute a new Agreement or amend an existing Agreement, thereby establishing a new Contract Capacity. If Company's facilities cannot be upgraded to accept such actual or requested increase, then upon written notice, Seller shall not exceed the existing Contract Capacity or such amount in excess thereof as Company determine it is able to accept.
- (b) Seller shall not change its generating capacity or contracted estimated annual kWh energy production without adequate notice to Company, and without receiving Company's consent, and if such unauthorized increase causes loss of or damage to Company's facilities, the cost of making good such loss or repairing such damage shall be paid by Seller.
- (c) Company may require that a new Contract Capacity be determined when it reasonably appears that the capacity of Seller's generating facility will deviate from contracted or established levels for any reason, including, but not limited to, a change in water flow, steam supply, or fuel supply.
- (d) In the event that the Contract Capacity is terminated prior to the completion of the term of the Agreement, the Seller shall pay to Company a penalty as set forth in paragraph 6, below.

5. CONTRACT ENERGY

The Contract Energy specified in the Purchase Power Agreement shall be the estimated total annual kilowatt-hours registered or computed by or from Company's metering facilities for each time period during a continuous 12-month interval.

6. EARLY CONTRACT TERMINATION OR INCREASE IN CONTRACT CAPACITY

If Seller terminates the Agreement or seeks to increase the Contract Capacity prior to the expiration of the initial (or extended) term of the Purchase Agreement:

Early Contract Termination – Seller shall pay to Company the total Energy and/or Capacity credits received in excess of the sum of what would have been received under the Variable Rate for Energy and/or Capacity Credits applicable at the initial term of the contract period and as updated every two years, plus interest. The interest should be the weighted average rate for new debt issued by the Company in the calendar year previous to that in which the Agreement was commenced.

Increase In Contract Capacity – Seller may apply to Company to increase the Contract Capacity during the Contract Period and, upon approval by Company, future Monthly Delivered Capacities shall not exceed the revised Contract Capacity. If such increase in Contract Capacity results in additional costs associated with redesign or a resizing of Company's facilities, such additional costs to Seller shall be determined in accordance with the Interconnection Agreement.

7. CONTRACT RENEWAL

This Agreement shall be subject to renewal for subsequent term(s) at the option of Company on substantially the same terms and provisions and at a rate either (1) mutually agreed upon by the parties negotiating in good faith and taking into consideration the Company's then avoided cost rates and other relevant factors, or (2) set by arbitration.

8. QUALITY OF ENERGY RECEIVED

- (a) Seller has full responsibility for the routine maintenance of his generating and protective equipment to insure that reliable, utility grade electric energy is being delivered to Company.
- (b) Seller's facility shall be operated in such a manner as to generate reactive power as may be reasonably necessary to maintain voltage levels and reactive area support as specified by Company. Any operating requirement is subject to modification or revision if warranted by future changes in the distribution or transmission circuit conditions.
- (c) Seller may operate direct current generators in parallel with Company through a synchronous inverter. The inverter installation shall be designed such that a utility system interruption will result in the removal of the inverter infeed into the Company's system. Harmonics generated by a DC generator-inverter combination must not adversely affect Company's supply of electric service to, or the use of electric service by Company's other customers, and any correction thereof is the full responsibility of Seller.
- (d) In the event Company determines, based on calculations, studies, analyses, monitoring, measurement or observation, that the output of the Facility will cause or is causing the Company to be unable to provide proper voltage levels to its customers, Seller shall be required to comply with a voltage schedule and/or reactive power output schedule as prescribed by Company.
- (e) Seller shall provide Company written notification of any changes to their generation system, support equipment such as inverters, or interconnection facilities and shall provide Company adequate time to review such changes to ensure continued safe interconnection prior to implementation.
- (f) Failure of Seller to comply with either (a), (b), (c), (d) or (e) above will constitute grounds for Company to cease parallel operation with Seller's generation equipment and constitute grounds for termination or suspension of the Agreement as set forth under paragraph 1, above.

9. BILLING

- (a) Meters will be read and bills rendered monthly. Readings are taken each month at intervals of approximately thirty (30) days.
- (b) If Company is unable to read its purchase meter for any reason, Seller's production may be estimated by Company on the basis of Seller's production during the most recent preceding billing period for which readings were obtained, unless some unusual condition is known to exist. A bill or payment rendered on the basis of such estimate shall be as valid as if made from actual meter readings.
- (c) The term "Month" or "Monthly", as used in Company's Schedules and Riders, refers to the period of time between the regular meter readings by the Company, except that if the period covered by an initial or final bill, or due to rerouting of the meter reading schedule, is more 33 or less than 27 days, the bill will be prorated based on a 30-day billing month.
- (d) Payments for capacity and/or energy will be made to Seller based on the rate schedule stated in the Purchase Power Agreement.

- (e) Company reserves the right to set off against any amounts due from the Company to Seller, any amounts which are due from Seller to Company, including, but not limited to, unpaid charges pursuant to the Interconnection Agreement or past due balances on any accounts Seller has with Company for other services.

10. RECORDS

In addition to the regular meter readings to be taken monthly for billing purposes, Company may require additional meter readings, records, transfer of information, etc. as may be agreed upon by the Parties. Company reserves the right to provide to the Commission or the FERC or any other regulatory body, upon request, information pertaining to this Agreement, including but not limited to: records of the Facility's generation output and Company's purchases thereof (including copies of monthly statements of power purchases and data from load recorders and telemetering installed at the Facility); copies of this Agreement. The Company will not provide any information developed solely by Seller and designated by Seller in writing to be "proprietary" unless required to do so by order of the Commission or the FERC or any other regulatory body or court, in which event, the Company will notify Seller prior to supplying the proprietary information.

Seller shall provide to Company, on a monthly basis within ten (10) days of the meter reading date and in form to be mutually agreed upon by the Parties, information on the Facility's fuel costs (coal, oil natural gas, supplemental firing, etc.), if any, for the power delivered to Company during the preceding month's billing period.

11. METER STOPPAGE OR ERROR

In the event a meter fails to register accurately within the allowable limits established by the state regulatory body having jurisdiction, Company will adjust the measured energy for the period of time the meter was shown to be in error, and shall, as provided in the rules and regulations of the state regulatory body having jurisdiction, pay to Seller, or Seller shall refund to Company, the difference between the amount billed and the estimated amount which would have been billed had the meter accurately registered the kilowatt hours provided by Seller. No part of any minimum service charge shall be refunded.

12. POINT OF DELIVERY

The point of delivery is the point where Company's conductors are, or are to be, connected to Seller's conductors. Seller shall do all things necessary to bring its conductors to such point of delivery for connection to Company's conductors, and shall maintain said conductors in good order at all times. If Seller chooses to deliver power to Company through a point of delivery where Seller presently receives power from Company, then the point of delivery for the purchase of generation shall be the same point as the point of delivery for electric service.

13. INTERCONNECTION FACILITIES

If Seller is not subject to the terms and conditions of the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Interconnection, as approved by the Commission in Docket No. E-100, Sub 101, the following conditions shall apply to Interconnection Facilities necessary to deliver Seller's electricity to Company. Otherwise, the terms and conditions of the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Interconnection, as approved by the Commission in Docket No. E-100, Sub 101 govern.

- (a) By Company: Company shall install, own, operate, maintain, and otherwise furnish all lines and equipment located on its side of the point of delivery to permit parallel operation of the Seller's facilities with the Company's system. It shall also install and own the necessary metering equipment, and meter transformers, where necessary, for measuring the electricity

delivered to Company, though such meter may be located on Seller's side of the point of delivery. Interconnection facilities, installed by either Company or Seller, solely for such purpose, include, but are not limited to connection, line extension, transformation, switching equipment, protective relaying, metering, telemetering, communications, and appropriate safety equipment.

Any interconnection facilities installed by Company necessary to receive power from Seller shall be considered extra facilities and shall be provided, if Company finds it practicable, under the following conditions:

- (1) The facilities will be of a kind and type normally used by or acceptable to Company and will be installed at a place and in a manner satisfactory to Company.
- (2) Seller will pay to Company a Monthly Interconnection Facilities Charge of 1.0 percent of the estimated original installed cost and rearrangement cost of all facilities, including metering, required to accept interconnection, but not less than \$25 per month.. The monthly charge for the Interconnection Facilities to be provided under this Agreement is subject to the rates, Service Regulations and conditions of the Company as the same are now on file with the Commission and may be changed or modified from time to time upon approval by the Commission. Any such changes or modifications, including those which may result in increased charges for the Interconnection Facilities to be provided by the Company, shall be made a part of this Agreement to the same effect as if fully set forth herein.
- (3) If Company increases its investment, other than replacement of existing equipment with equipment of equal capacity and kind, in interconnection facilities or other special facilities required by Seller (including conversion of the Company's primary voltage to a higher voltage), the Monthly Interconnection Facilities Charge for providing the interconnection facilities will be adjusted at that time. Seller may terminate the interconnection facilities in accordance with the applicable termination paragraph 1 above, or continue the interconnection facilities under the changed conditions.
- (4) In lieu of the Monthly Interconnection Facilities Charge of 1.0 percent, Seller may elect to make a contribution equal to the total interconnection facilities investment, plus associated tax gross-ups. After such payment, the Monthly Interconnection Facilities Charge for the interconnection facilities will be 0.4 percent of said payment.
- (5) The Monthly Interconnection Facilities Charge as determined shall continue regardless of the term of the Agreement until Seller no longer has need for such facilities. In the event Seller's interconnection facilities should be discontinued or terminated in whole or in part, such discontinuation or termination should be calculated in accordance with 1, above.
- (6) Seller's wiring and appurtenant structures shall provide for the location, connection, and installation of Company's standard metering equipment or other equipment deemed necessary by Company for the metering of Seller's electrical output. Company shall, at its expense, be permitted to install, in Seller's wiring or equipment, any special metering devices or equipment as deemed necessary for experimental or monitoring purposes.
- (7) Company shall furnish and install the Interconnection Facilities no later than the date requested by Seller for such installation. Seller's obligation to pay the Interconnection Facilities charges shall begin on the date that such Interconnection Facilities become operational, except as provided in Paragraph 3.4 hereof, and such charges shall apply at all times thereafter during the term of this Agreement, whether or not Seller is actually supplying electric power to Company.

- (b) By Seller: Seller shall install, own, operate, and maintain all lines, and equipment, exclusive of Company's meter and meter transformers, on Seller's side of the point of delivery. Seller will be the owner and have the exclusive control of, and responsibility for, all electricity on Seller's side of the point of delivery. Seller must conform to the North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections. Seller's wiring shall be arranged such that all electricity generated for sale can be supplied to one point of delivery and measured by a single meter. Company's meter may be located on Seller's side of the point of delivery, and when it is to be so located, Seller must make suitable provisions in Seller's wiring, at a place suitable to Company, for the convenient installation of the type of meter Company will use. All of Seller's conductors installed on the Company's side of the meter and not installed in conduit must be readily visible.

Seller shall install and maintain devices adequate to protect Seller's equipment against irregularities on Company's system, including devices to protect against single-phasing. Seller shall also install and maintain such devices as may be necessary to automatically disconnect Seller's generating equipment, which is operated in parallel with Company, when service provided by Seller is affected by electrical disturbances on Company's or Seller's systems, or at any time when Company's system is de-energized from its prime source.

- (c) Access to Premises: The duly authorized agents of Company shall have the right of ingress and egress to the premises of Seller at all reasonable hours for the purpose of reading meters, inspecting Company's wiring and apparatus, changing, exchanging, or repairing Company's property on the premises of Seller, or removing such property at the time of or at any time after suspension of purchases or termination of this Agreement.
- (d) Protection: Seller shall protect Company's wiring and apparatus on Seller's premises and shall permit no one but Company's agents to handle same. In the event of any loss of or damage to such property of Company caused by or arising out of carelessness, neglect, or misuse by Seller or Seller's employees or agents, the cost of making good such loss or repairing such damage shall be paid by Seller. In cases where Company's service facilities on Seller's premises require abnormal maintenance due to Seller's operation, Seller shall reimburse Company for such abnormal maintenance cost.

14. CONTINUANCE OF PURCHASES AND LIABILITY THEREFOR

The Parties do not guarantee continuous service but shall use reasonable diligence at all times to provide for uninterrupted acceptance and supply of electricity. They shall use reasonable diligence at all times to provide satisfactory service, and to remove the cause or causes in the event of failure, interruption, reduction or suspension of service, but neither Party shall be liable for any loss or damage resulting from such failure, interruption, reduction or suspension of service, nor shall same be a default hereunder, when due to any of the following:

- (a) An emergency action due to an adverse condition or disturbance on Company's system, or on any other system directly or indirectly interconnected with it, which requires automatic or manual interruption of the supply of electricity to some customers or areas in order to limit the extent or damage of the adverse condition or disturbance, or to prevent damage to generating or transmission facilities, or to expedite restoration of service, or to effect a reduction in service to compensate for an emergency condition on an interconnected system.
- (b) An event or condition of force majeure, as described below.
- (c) Making necessary adjustments to, changes in, or repairs on Company lines, substations, and facilities, and in cases where, in its opinion, the continuance of service from Seller's premises would endanger persons or property.

Seller shall be responsible for insuring the safe operation of his equipment at all times, and will install and maintain, to Company's satisfaction, the necessary automatic equipment to prevent the backfeed of power into, or damage to Company's de-energized system, and shall be subject to immediate disconnection of its equipment from Company's system if Company determines that such equipment is unsafe or adversely affects Company's transmission/distribution system or service to its other customers.

Seller assumes responsibility for and shall indemnify, defend, and save Company harmless against all liability, claims, judgments, losses, costs, and expenses for injury, loss, or damage to persons or property including personal injury or property damage to Seller or Seller's employees on account of defective construction, wiring, or equipment, or improper or careless use of electricity, on Seller's side of the point of delivery.

15. FORCE MAJEURE

Circumstances beyond the reasonable control of a Party which solely cause that Party to experience delay or failure in delivering or receiving electricity or in providing continuous service hereunder, including: acts of God; unusually severe weather conditions; earthquake; strikes or other labor difficulties; war; riots; fire; requirements shall be deemed to be "events or conditions of force majeure". It also includes actions or failures to act on the part of governmental authorities (including the adoption or change in any rule or regulation or environmental constraints lawfully imposed by federal, state or local government bodies), but only if such requirements, actions or failures to act prevent or delay performance; or transportation delays or accidents. Events or conditions of force majeure do not include such circumstances which merely affect the cost of operating the Facility.

Neither Party shall be responsible nor liable for any delay or failure in its performance hereunder due solely to events or conditions of force majeure, provided that:

- (a) The affected Party gives the other Party written notice describing the particulars of the event or condition of force majeure, such notice to be provided within forty-eight (48) hours of the determination by the affected Party that an event or condition of force majeure has occurred, but in no event later than thirty (30) days from the date of the occurrence of the event or condition of force majeure;
- (b) The delay or failure of performance is of no longer duration and of no greater scope than is required by the event or condition of force majeure, provided that in no event shall such delay or failure of performance extend beyond a period of twelve (12) months;
- (c) The affected Party uses its best efforts to remedy its inability to perform;
- (d) When the affected Party is able to resume performance of its obligations under this Agreement, that Party shall give the other Party prompt written notice to that effect; and,
- (e) The event or condition of force majeure was not caused by or connected with any negligent or intentional acts, errors, or omissions, or failure to comply with any law, rule, regulation, order or ordinance, or any breach or default of this Agreement.

16. INSURANCE

Seller shall obtain and retain, for as long as the generation is interconnected with Company's system, either the applicable homeowners insurance policy with liability coverage of at least \$100,000 per occurrence or the applicable comprehensive general liability insurance policy with liability coverage in the amount of at least \$300,000 per occurrence, which protects Seller from claims for bodily injury and/or property damage. This insurance shall be primary for all purposes. Seller shall provide certificates evidencing this coverage as required by Company. Company reserves the right to refuse

to establish, or continue the interconnection of Seller's generation with Company's system, if such insurance is not in effect.

17. GOVERNMENTAL RESTRICTIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either party or over this Agreement. This Agreement shall not become effective until all required governmental authorizations are obtained. Certification of receipt of all permits and authorizations shall be furnished by Seller to Company upon Company's request. This Agreement shall not become effective unless it and all provisions thereof are authorized and permitted by such governmental agencies without change or conditions.

This Agreement shall at all times be subject to changes by such governmental agencies, and the parties shall be subject to conditions and obligations, as such governmental agencies may, from time to time, direct in the exercise of their jurisdiction, provided no change may be made in rates or in essential terms and conditions of this contract except by agreement of the parties to this contract. Both parties agree to exert their best efforts to comply with all of the applicable rules and regulations of all governmental agencies having control over either party or this Agreement. The parties shall take all reasonable action necessary to secure all required governmental approval of this Agreement in its entirety and without change.

The delivery date, quantity, and type of electricity to be accepted for purchase by Company, from Seller, are subject to changes, restrictions, curtailments, or complete suspensions by Company as may be deemed by it to be necessary or advisable (a) on account of any lawful order or regulation of any municipal, State, or Federal government or agency thereof, or order of any court of competent jurisdiction, or (b) on account of any emergency due to war, or catastrophe, all without liability on the part of the Company therefor.

Supersedes: March 1, 2016
Effective: July 1, 2017
NCUC Docket No. E-2, Sub 1142

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JUN 01 2017

DUKE ENERGY PROGRESS, LLC
OPERATING INCOME FROM ELECTRIC OPERATIONS
FOR THE TEST PERIOD ENDED DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Total Company Per Books (a) (Col. 1)	North Carolina Retail Operations				
			Per Books (Col. 2)	Accounting Adjustments (c) (Col. 3)	Before Proposed Increase (Col. 4)	Revenue and Expenses from Proposed Increase (d) (Col. 5)	After Proposed Increase (Col. 6)
1	Electric operating revenue	\$ 5,265,756 (b)	\$ 3,551,924	\$ (411,909)	\$ 3,140,015	\$ 477,495	\$ 3,617,510
	Electric operating expenses:						
	Operation and maintenance:						
2	Fuel used in electric generation	1,283,797	780,539	(145,608)	634,931		634,931
3	Purchased power	546,338	354,140	9,033	363,173		363,173
4	Other operation and maintenance expense	1,473,062	989,958	43,867	1,033,825	-	1,033,825
5	Depreciation and amortization	682,234	483,899	100,215	584,114		584,114
6	General taxes	153,758	100,952	(1,506)	99,446		99,446
7	Interest on customer deposits	9,342 (b)	8,662	-	8,662		8,662
8	Net income taxes	305,753	247,213	(154,125)	93,088	177,687	270,775
9	Amortization of investment tax credit	(5,305)	(3,323)	1,230	(2,093)	-	(2,093)
10	Total electric operating expenses	4,448,978	2,962,039	(146,894)	2,815,146	177,687	2,992,833
11	Operating income	\$ 816,778	\$ 589,885	\$ (265,015)	\$ 324,869	\$ 299,808	\$ 624,677
12	Original cost rate base	\$ 12,915,879	\$ 8,465,228	\$ (339,635) (f)	\$ 8,125,593	\$ 32,224 (e)	\$ 8,157,817
13	Rate of return on North Carolina retail rate base		6.97%		4.00%		7.66%

Notes: (a) From Form E-1, Item 45a
(b) Reclassifies interest on customer deposits to electric operating expense.
(c) From Page 4, Line 36.
(d) From Page 2.
(e) Reflects an increase in operating funds per lead-lag study for the adjusted total requirements in this rate case excluding the portion already adjusted in Col. 3, Line 12.
(f) From Page 4, Line 9

DUKE ENERGY PROGRESS, LLC
CALCULATION OF ADDITIONAL REVENUE REQUIREMENT
FOR THE TEST PERIOD ENDED DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Dec. 31, 2016 Amount (Col. 1)	Pro forma Ratio (Col. 2)	North Carolina Retail Operations					
				Before Proposed Increase			After Proposed Increase		
				Retail Rate Base (Col. 3)	Embedded Cost/ Return % (Col. 4)	Operating Income (Col. 5)	Retail Rate Base (Col. 6)	Embedded Cost/ Return % (Col. 7)	Operating Income (Col. 8)
1	Long-term debt	\$ 6,907,045	47.00%	\$ 3,819,029	4.17%	\$ 159,254	\$ 3,834,174	4.17%	\$ 159,885
2	Members' equity (a)	<u>7,644,578</u>	<u>53.00%</u>	<u>4,306,564</u>	3.85%	<u>165,615</u>	<u>4,323,643</u>	10.75%	<u>464,792</u>
3	Total	<u>\$ 14,551,623</u>	<u>100.00%</u>	<u>\$ 8,125,593</u> (b)		<u>\$ 324,869</u> (c)	<u>\$ 8,157,817</u> (b)		624,677
4	Operating income before increase (Line 3, Column 5)								<u>324,869</u>
5	Additional operating income required (Line 3 minus Line 4)								299,808
6	Calculate income tax on Incremental interest expense due to increase in cash working capital in proposed revenue (NC3500 Summary, Line 14 Proposed)								(234)
7	Uncollectible (.18%), regulatory fee (.14%) and income taxes (37.0599%)								<u>177,922</u>
8	Additional revenue requirement								<u>\$ 477,495</u>

Notes: (a) The equivalent of common equity for a limited liability company.
(b) From Page 1, Line 12, Columns 4 & 6.
(c) From Page 1, Line 11, Column 4.

DUKE ENERGY PROGRESS, LLC
DETAIL OF ACCOUNTING ADJUSTMENTS-NORTH CAROLINA RETAIL
FOR THE TEST PERIOD ENDED DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Electric Operating Revenue (Col. 1)	Fuel Used in Electric Generation (Col. 2)	Purchased Power (Col. 3)	Other O&M Expense (Col. 4)	Depreciation and Amortization (Col. 5)	General Taxes (Col. 6)	Income Taxes 0.0000% (Col. 7)	Amortization of ITC (Col. 8)
1	Annualize Retail revenues for current rates	(368,354)	-	-	(1,179)	-	-	\$ (136,075)	-
2	Adjust Other Revenue	(2,352)	-	-	(3)	-	-	(871)	-
3	* Normalize for weather	(14,520)	(4,999)	-	(46)	-	-	(3,511)	-
4	Annualize revenues for customer growth	10,758	2,697	-	34	-	-	2,975	-
5	Eliminate unbilled revenues	(18,051)	-	-	-	-	-	(6,690)	-
6	Update fuel costs to approved rate	-	(143,306)	-	-	(4,379)	-	54,732	-
7	Eliminate costs recovered through non-fuel riders (a)	(31,529)	-	-	(138,905)	(48,930)	(6,726)	60,419	-
8	Annualize Depreciation on year end plant balances (a)	-	-	-	-	15,802	-	(5,856)	1,230
9	Annualize property taxes on year end plant	-	-	-	-	-	2,669	(989)	-
10	Adjust for new depreciation rates (a)	-	-	-	-	67,642	-	(25,068)	-
11	* Adjust for post test year additions to plant in service (a)	-	-	-	-	23,034	2,286	(9,384)	-
12	* Adjust for Asheville base load CWIP (a)	-	-	-	-	-	-	-	-
13	Adjust for transmission merger mitigation project (a)	-	-	-	-	-	-	-	-
14	Adjust nuclear decommissioning expense	-	-	-	-	9,902	-	(3,670)	-
15	Adjust reserve for end of life nuclear costs (a)	-	-	-	-	5,731	-	(2,124)	-
16	Adjust coal inventory (a)	-	-	-	-	-	-	-	-
17	Adjust for Harris COLA	-	-	-	-	9,065	-	(3,359)	-
18	* Amortize deferred environmental costs (a)	-	-	-	-	52,065	-	(19,295)	-
19	Adjust for ongoing environmental costs	-	-	-	129,115	-	-	(47,850)	-
20	* Normalize for storm costs (a)	12,139	-	-	16,503	-	-	(1,618)	-
21	Annualize O&M non-labor expenses	-	-	-	3,847	-	-	(1,426)	-

DUKE ENERGY PROGRESS, LLC
DETAIL OF ACCOUNTING ADJUSTMENTS-NORTH CAROLINA RETAIL
FOR THE TEST YEAR ENDED DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Electric Operating Revenue (Col. 1)	Fuel Used in Electric Generation (Col. 2)	Purchased Power and Net Interchange (Col. 3)	Wages Benefits Materials Etc. (Col. 4)	Depreciation and Amortization (Col. 5)	General Taxes (Col. 6)	Income Taxes 0.0000% (Col. 7)	Amortization of ITC (Col. 8)
22	Normalize O&M labor expenses	-	-	-	(6,122)	-	280	2,165	-
23	Update benefits costs	-	-	-	39,582	-	-	(14,669)	-
24	Levelize nuclear refueling outage costs	-	-	-	(2,199)	-	-	815	-
25	* Amortize rate case costs	-	-	-	526	-	-	(195)	-
26	Adjust aviation expenses	-	-	-	(1,217)	-	(15)	457	-
27	Adjust for change in NCUC regulatory fee (a)	-	-	-	858	376	-	(457)	-
28	* Adjust purchased power	-	-	9,033	-	-	-	(3,348)	-
29	Adjust O&M for executive compensation	-	-	-	(1,625)	-	-	602	-
30	Adjust for Customer Connect	-	-	-	7,715	-	-	(2,859)	-
31	Adjust for Long Term Service Agreements	-	-	-	(3,016)	-	-	1,118	-
32	Adjust for Deferred Tax Liability (a)	-	-	-	-	(30,093)	-	11,152	-
33	Adjust for tax rate change	-	-	-	-	-	-	(1,561)	-
34	* Synchronize interest expense with end of period rate base	-	-	-	-	-	-	2,134	-
35	* Adjust cash working capital for present revenue annualized and proposed revenue (a)	-	-	-	-	-	-	181	-
36	Total adjustments	<u>\$ (411,909)</u>	<u>\$ (145,608)</u>	<u>\$ 9,033</u>	<u>\$ 43,867</u>	<u>\$ 100,215</u>	<u>\$ (1,506)</u>	<u>\$ (154,125)</u>	<u>\$ 1,230</u>

Notes: (a) Adjustments to rate base shown on pages 4-4d.

* Identification required by NCUC Rule R1-17(b)

Exhibit C
Page 3
cont'd

Jun 01 2017

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DUKE ENERGY PROGRESS, LLC
ORIGINAL COST RATE BASE-ELECTRIC OPERATIONS
DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Page Reference	Total Company Per Books (Col. 1)	North Carolina Retail Operations		
				Per Books (Col. 2)	Accounting Adjustments (Col. 3)	As Adjusted (Col. 4)
1	Electric plant in service	4a	\$ 25,049,935	\$ 16,624,154	\$ (216,870)	\$ 16,407,284
2	Less: Accumulated depreciation and amortization	4b	<u>(11,013,727)</u>	<u>(7,497,312)</u>	<u>(16,741)</u>	<u>(7,514,053)</u>
3	Net electric plant		14,036,208	9,126,842	(233,611)	8,893,231
4	Add: Materials and supplies	4c	1,162,558	786,038	(145,015)	641,023
5	Working capital investment	4d	1,200,341	741,674	(164,147)	577,527
6	Less: Accumulated deferred taxes		(3,380,514)	(2,122,336)	86,300 (a)	(2,036,036)
7	Operating reserves		(102,714)	(66,990)	-	(66,990)
8	Construction work in progress		<u>-</u>	<u>-</u>	<u>116,838 (b)</u>	<u>116,838</u>
9	Total		<u>\$ 12,915,879</u>	<u>\$ 8,465,228</u>	<u>\$ (339,635)</u>	<u>\$ 8,125,593</u>

Notes: (a) Reflects adjustments of \$118,980 for removal of ADIT associated with non-fuel riders, (\$15,680) for additional ADIT resulting from bonus depreciation on post test year plant additions, \$2,991 reduction in ADIT associated with the change in end of life nuclear reserves in working capital, \$(30,115) additional ADIT associated with projected deferred environmental costs, \$11,491 reduction in ADIT associated with the change in working capital for the first year amortization of storm costs, \$139 reduction in ADIT associated with the change in the NCUC reg fee, and \$(11,152) additional ADIT associated with the change in the deferred balance on the deferred tax liability.
(b) Reflects the amount of construction work in progress (CWIP) for Asheville CC base load generating plant

DUKE ENERGY PROGRESS, LLC
ELECTRIC PLANT IN SERVICE AT ORIGINAL COST
DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Total Company Per Books (Col. 1)	North Carolina Retail Operations		
			Per Books (Col. 2)	Accounting Adjustments (Col. 3) (b)	As Adjusted (Col. 4)
1	Production Plant	\$ 15,238,931	\$ 9,102,670	\$ (260,146)	\$ 8,842,523
2	Transmission Plant	2,463,973	1,442,697	70,238	1,512,935
3	Distribution Plant	5,886,275	5,097,863	1,840	5,099,702
4	General Plant	613,022	442,331	(244)	442,088
5	Intangible Plant	<u>408,346</u>	<u>271,400</u>	<u>1,094</u>	<u>272,494</u>
6	Subtotal	24,610,547 (a)	16,356,961	(187,219)	16,169,742
7	Nuclear Fuel (Net)	<u>439,389</u>	<u>267,193</u>	<u>(29,652)</u>	<u>237,541</u>
8	Total electric plant in service	<u>\$ 25,049,935</u>	<u>\$ 16,624,154</u>	<u>\$ (216,870)</u>	<u>\$ 16,407,284</u>

Notes: (a) Excludes asset retirement obligations, electric plant held for future use, and capital leases.

(b) Reflects (\$886,001) reduction to plant for assets included in non-fuel riders, \$650,998M for post test year additions to plant in service, and \$18,133 for the addition of a transmission merger mitigation project meeting the criteria to be included in rate base

DUKE ENERGY PROGRESS, LLC
ACCUMULATED DEPRECIATION AND AMORTIZATION - ELECTRIC PLANT IN SERVICE
DECEMBER 31, 2016
(Thousands of Dollars)

No.	Description	Total Company Per Books (Col. 1)	North Carolina Retail Operations		
			Per Books (Col. 2)	Accounting Adjustments (a) (Col. 3)	As Adjusted (Col. 4)
1	Production Reserve	\$ (6,807,632)	\$ (4,161,088)	\$ (83,214)	\$ (4,244,302)
2	Transmission Reserve	(789,438)	(467,399)	(4,419)	(471,818)
3	Distribution Reserve	(2,899,918)	(2,511,501)	69,719	(2,441,782)
4	General Reserve	(243,874)	(175,969)	(13,284)	(189,253)
5	Intangible Reserve	(272,864)	(181,354)	14,457	(166,898)
6	Total	<u>\$ (11,013,727)</u>	<u>\$ (7,497,312)</u>	<u>\$ (16,741)</u>	<u>\$ (7,514,053)</u>
7	The annual composite rates based on the new depreciation study for computing depreciation (straight-line method) are shown below:				
8	Steam production plant	3.83%			
9	Nuclear production plant	2.73%			
10	Hydro production plant	3.56%			
11	Other production plant	4.55%			
12	Transmission plant	1.95%			
13	Distribution plant	2.64%			
14	General plant	Various			
15	Intangible plant	20.00%			

Notes: (a) Reflects \$89,737 reduction to accumulated depreciation for assets included in non-fuel riders, (\$15,802) increase for annualization of depreciation expense, (\$67,642) increase for new depreciation rates and (\$23,034) for post test year additions to plant in service.

DUKE ENERGY PROGRESS, LLC
MATERIALS AND SUPPLIES
DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Total Company Per Books (Col. 1)	North Carolina Retail Operations		
			Per Books (Col. 2)	Accounting Adjustments (Col. 3)	As Adjusted (Col. 4)
	Fuel Stock:				
1	Coal	\$ 147,383	\$ 89,624	\$ (22,886) (a)	\$ 66,738
2	Oil	114,903	68,555		68,555
3	Total fuel stock	262,287	158,179	(22,886)	135,293
4	Other electric materials and supplies and stores clearing	900,271	627,859	(122,129) (b)	505,730
5	Total Materials and Supplies	<u>\$ 1,162,558</u>	<u>\$ 786,038</u>	<u>\$ (145,015)</u>	<u>\$ 641,023</u>

Notes: (a) Adjusts coal inventory to reflect the targeted inventory level of 40 days at full load.

(b) Eliminates (\$122,129) of costs recorded in connection with non-fuel riders

DUKE ENERGY PROGRESS, LLC
WORKING CAPITAL INVESTMENT
DECEMBER 31, 2016
(Thousands of Dollars)

Line No.	Description	Total Company Per Books (Col. 1)	North Carolina Retail Operations			Impact of Rev Incr (Col. 5)	With Rev Incr (Col. 6)
			Per Books (Col. 2)	Accounting Adjustments (Col. 3)	As Adjusted (Col. 4)		
1	Investor advanced funds: Operating funds per lead-lag study	237,214	154,568 (a)	(24,907) (b)	129,661	32,224 [d]	161,885
2	Unamortized Debt	46,441	30,261	-	30,261		30,261
3	Regulatory Assets	768,262	437,870	(139,239) (c)	298,631		298,631
4	Other	289,473	240,360		240,360		240,360
5	Total investor advanced funds	1,341,390	863,059	(164,147)	698,912	32,224	731,136
6	Less: customer deposits	(141,049)	(121,384)	-	(121,384)		(121,384)
7	Total working capital investment	<u>\$ 1,200,341</u>	<u>\$ 741,674</u>	<u>\$ (164,147)</u>	<u>\$ 577,528</u>	<u>\$ 32,224</u>	<u>\$ 609,752</u>

Notes: (a) From Doss Exhibit 3, Line 19.

(b) Decrease of (\$25,940) for cash working capital changes associated with the adjusted total requirements in the case.

(c) Reflects a decrease of (\$185,109) associated with removal of non-fuel rider components, (\$8,070) for adjustments to end of life nuclear reserves, an increase of \$81,262 for deferred environmental costs, (\$31,007) related to storm cost adjustments, (\$376) related to NCUC Reg fee changes, an addition of \$30,093M for changes in the Deferred tax liability.

(d) Reflects an increase in 'operating funds per lead-lag study' for the impact of the revenue increase.

Income Statement

For The Test Period (12 Months) Ended December 31, 2016

Line No.		Amount
1	Operating Revenues (400)	5,265,756,021
	Operating Expenses	
2	Operation Expenses (401)	2,740,384,579
3	Maintenance Expenses (402)	562,811,662
4	Depreciation and Amortization Expenses	682,082,144
5	Taxes Other Than Income Taxes (408.1)	153,758,259
6	Total Operating Expense Before Income Taxes	4,139,036,644
7	Income Taxes Federal (409.1)	(53,582,117)
8	Income Tax - Other (409.1)	(23,847,119)
9	Provision for Deferred Income Taxes	1,223,186,084
10	(Less) Provision for Deferred Income Tax Credit (411.1)	840,004,091
11	Investment Tax Credit Adjustment Net (411.4)	(5,304,895)
12	Total Income Taxes On Operating Income	300,447,862
13	Total Utility Operating Expenses	4,439,484,506
14	Net Utility Operating Income	826,271,515
	Other Income	
15	Revenues from Nonutility Operations (417)	25,518,661
16	(Less) Expenses of Nonutility Operations (417.1)	14,426,348
17	Non Operating Rental Income (418)	(524,788)
18	Equity in Earnings of Subsidiary Companies (418.1)	450,644
19	Interest and Dividend Income (419)	3,062,143
20	Allowance for Other Funds Under Construction (419.1)	49,614,088
21	Miscellaneous Nonoperating Income	10,386,161
22	Gain On Disposal Of Property	1,274,712
23	Total Other Income	75,355,273
	Other Income Deductions	
24	Loss on Disposition of Property (421.2)	118,435
25	Donations (426.1)	37,429,332
26	Life Insurance (426.2)	(1,078,345)
27	Penalties (426.3)	700,300
28	Exp. For Certain Civic, Political and Related Activity (426.4)	2,526,385
29	Other Deductions (426.5)	1,811,310
30	Total Other Income Deductions	41,507,417
	Taxes Applicable to Other Income and Deductions	
31	Total Taxes on Other Income and Deductions	1,494,712
32	Net Other Income and Deductions	32,353,144
33	Interest Charges	
34	Total Interest on Long - Term Debt (427)	264,245,568
35	Amortization of Debt Discount and Exp (428)	5,159,109
36	Amortization of Loss on Reacquired Debt (428.1)	1,073,351
37	Interest on Debt to Associated Companies (430)	1,889,048
38	Other Interest Expense (431)	3,708,098
39	(Less) Allowance for Borrowed Funds Used During Construction - Cr (432)	16,851,277
40	Net Interest Charges	259,223,897
41	Net Income	599,400,762

Duke Energy Progress, LLC
Balance Sheet
As of December 31, 2016

Exhibit C
Page 5a

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Jun 01 2017

Line No.		Amount
	ASSETS	
	UTILITY PLANT	
1	Utility Plant (101-106,114)	\$ 26,516,624,323
2	Construction Work in Progress (107)	1,303,611,534
3	Total Utility Plant	27,820,235,857
4	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	11,379,160,840
5	Net Utility Plant	16,441,075,017
6	Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab (120.1)	311,017,469
7	Nuclear Materials and Assemblies - Stock Account (120.2)	62,792,088
8	Nuclear Fuel Assemblies in Reactor (120.3)	836,611,115
9	Spent Nuclear Fuel (120.4)	269,992,039
10	(Less) Accum. Provision for Amort. of Nuclear Fuel Assemblies (120.5)	730,006,410
11	Net Nuclear Fuel	750,406,301
12	Total Utility Plant, Net	17,191,481,318
	OTHER PROPERTY & INVESTMENTS	
13	Non Utility Property (121)	35,107,688
14	(Less) Accum. Prov. for Depr. and Amort. (122)	9,888,862
15	Investment in Subsidiary Companies (123.1)	18,169,203
16	Other Investments (124)	41,410,010
17	Other Special Funds (128)	2,473,469,794
18	Long Term Portion of Derivative Assets - Hedges (176)	8,897,044
19	Total Other Property and Investments	2,567,164,877
	CURRENT AND ACCRUED ASSETS	
20	Cash (131)	10,348,376
21	Customer Accounts Receivable (142)	330,199,653
22	Other Accounts Receivable (143)	5,234,476
23	(Less) Accum. Prov. for Uncollectible Account - Credit (144)	5,968,264
24	Note Receivable from Associated Companies (145)	164,938,000
25	Accounts Receivable from Associated Companies (146)	74,661,835
26	Fuel Stock (151)	262,286,714
27	Plant Material and Operating Supplies (154)	780,734,297
28	Other Materials and Supplies (156)	163,973
29	Allowances (158.1 and 158.2)	86,749,196
30	Store Expenses Undistributed (163)	32,787,942
31	Prepayments (165)	44,574,206
32	Rents Receivable (172)	131,731
33	Accrued Utility Revenue (173)	125,363,222
34	Derivative Instrument Assets (175)	723,557
35	Derivative Instrument Assets Hedges (176)	44,131,820
36	(Less) Long Term Portion of Derivative Instruments Assets - Hedges	8,897,044
37	Total Current and Accrued Assets	1,948,163,690
	DEFERRED DEBITS	
38	Unamortized Debt Expenses (181)	39,797,537
39	Unrecovered Plant and Regulatory Study Costs (182.2)	166,620,786
40	Other Regulatory Assets (182.3)	3,099,341,503
41	Preliminary Survey and Investigation Charges (183)	2,936,284
42	Clearing Accounts (184)	4,503,190
43	Miscellaneous Deferred Debits (186)	490,376,158
44	Unamortized Loss on Reaquired Debt (189)	6,643,127
45	Accumulated Deferred Income Taxes (190)	2,083,860,008
46	Total Deferred Debits	5,894,078,593
47	Total Assets	\$ 27,600,888,478

Duke Energy Progress, LLC
Balance Sheet
As of December 31, 2016

Exhibit C
Page 5b

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Jun 01 2017

Line No.		Amount
	CAPITALIZATION AND LIABILITIES	
	PROPRIETARY CAPITAL	
1	Other Paid In Capital (208-211)	\$ 2,784,376,571
2	Retained Earnings (215, 215.1, 216)	4,860,407,802
3	Unappropriated Undistributed Subsidiary Earnings (216.1)	(286,334,903)
4	Accumulated Other Comprehensive Income (219)	(206,646)
5	Total Proprietary Capital	7,358,242,824
	LONG-TERM DEBT	
6	Bonds (221)	6,473,485,000
7	Advances from Associated Companies (223)	150,000,000
8	Other Long Term Debt (224)	300,000,000
9	(Less) Unamortized Discount on LT Debt (226)	16,440,408
10	Total Long Term Debt	6,907,044,592
	OTHER NONCURRENT LIABILITIES	
11	Obligations Under Capital Leases (227)	139,410,389
12	Accumulated Provision for Injuries and Damages (228.2)	8,664,132
13	Accumulated Provision for Pensions and Benefits (228.3)	232,000,482
14	Accumulated Miscellaneous Operating Provisions (228.4)	21,985,322
15	LT Portion of Derivative Instrument Liabilities	5,574,632
16	LT Portion of Derivative Instrument Liabilities - Hedges	156,050
17	Asset Retirement Obligations (230)	4,507,556,500
18	Total Other NonCurrent Liabilities	4,915,347,507
	CURRENT AND ACCRUED LIABILITIES	
19	Accounts Payable (232)	592,188,925
20	Accounts Payable to Associated Companies (234)	220,219,478
21	Customer Deposits (235)	141,048,805
22	Consolidated Taxes Accrued	107,826,421
23	Interest Accrued (237)	102,928,865
24	Tax Collections Payable (241)	5,107,439
25	Miscellaneous Current and Accrued Liabilities (242)	386,629,419
26	Obligations Under Capital Leases - Current (243)	2,507,196
27	Derivative Instrument Liabilities (244)	5,574,632
28	(Less) LT Portion of Derivative Instrument Liabilities	5,574,632
29	Derivative Instrument Liabilities - Hedges (245)	156,050
30	(Less) LT Portion of Derivative Instrument Liabilities - Hedges	156,050
31	Total Current and Accrued Liabilities	1,558,456,548
	DEFERRED CREDITS	
32	Customer Advances for Construction (252)	23,027,797
33	Accumulated Deferred Investment Tax Credits (255)	146,399,648
34	Other Deferred Credits (253)	56,303,593
35	Other Regulatory Liabilities (254)	1,228,887,118
36	Accumulated Deferred Income Taxes Oth Property (282)	3,902,880,700
37	Accum Deferred Income Tax Other (283)	1,504,298,151
38	Total Deferred Credits	6,861,797,007
39	Total Capitalization and Liabilities	\$ 27,600,888,478

Exhibit D**STATEMENT REGARDING PROBABLE EFFECT OF
PROPOSED RATES ON PEAK DEMANDS AND SALES**

The forecast from the DEP 2016 IRP incorporates the effect of the expected rate increase on forecasted peaks and sales. Overall, the Company expects the effect to be 1.1% in 2017.

The Company estimates that the kilowatt-hours which will be used by North Carolina Retail customers during the ensuing one year and the following five years are as follows:

NC Retail GWH

2017	37,519
2018	37,777
2019	38,059
2020	38,435
2021	38,741
2022	39,123

This statement is being furnished pursuant to G.S. 62-155(e).