INFORMATION SHEET

PRESIDING: Finley, Brown-Bland, Bailey, Dockham, Patterson and Gray
PLACE: Dobbs Building, Raleigh, NC
DATE: Thursday, April 19, 2017

PLACE: Dobbs Building, Raleigh, NDATE: Thursday, April 19, 2017
TIME: 2:00 p.m. -- 4:52 p.m.
DOCKET NO.: E-100, Sub 148

COMPANY: Duke Energy Carolinas, LLC; Duke Energy Progress, LLC; and Virginia Electric and Power

Company d/b/a Dominion North Carolina Power

DESCRIPTION: General Electric – Biennial Determination of Avoided Cost Rates for Electric Utility

Purchases from Qualifying Facilities - 2016

VOLUME: 7

APPEARANCES

FOR DUKE ENERGY CAROLINAS, LLC and DUKE ENERGY PROGRESS, LLC:

Lawrence B. Somers, Esq. Kendrick C. Fentress, Esq. E. Brett Breitschwerdt, Esq. Robert W. Kaylor, Esq.

FOR VIRGINIA ELECTRIC and POWER COMPANY d/b/a DOMINION NORTH CAROLINA POWER:

Andrea R. Kells, Esq. Bernard L. McNamee, II, Esq. Horace P. Payne, Jr., Esq.

FOR SOUTHERN ALLIANCE FOR CLEAN ENERGY:

Gudrun Thompson, Esq. Lauren J. Bowen, Esq. Peter Stein, Esq.

FOR NORTH CAROLINA SUSTAINABLE ENERGY ASSOCIATION:

Peter Ledford, Esq. Charlotte Mitchell, Esq.

FOR CAROLINA INDUSTRIAL GROUP FOR FAIR UTILITY RATES I, II and III:

Adam Olls, Esq.

FOR NTE CAROLINAS SOLAR, LLC:

M. Gray Styers, Jr., Esq.

FOR CYPRESS CREEK RENEWABLES:

Thadeus B. Culley, Esq.

FOR NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION:

Michael D. Youth, Esq.

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MAY 09 2017

Clerk's Office N.C. Utilities Commission

FOR CAROLINA UTILITY CUSTOMERS ASSOCIATION:

Robert F. Page, Esq.

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FOR NORTH CAROLINA PORK COUNCIL:

Kurt J. Olson, Esq.

FOR THE NORTH CAROLINA ATTORNEY GENERAL:

Jennifer T. Harrod, Esq.

FOR THE USING AND CONSUMING PUBLIC:

Tim R. Dodge, Esq. Lucy E. Edmondson, Esq. Heather D. Fennell, Esq. Robert Josey, Jr., Esq.

WITNESSES

Patrick McConnell Thomas Vitolo Ben Johnson Carson Harkrader

EXHIBITS

DEC/DEP McConnell Cross Exhibits 1 – 3

Vitolo Exhibit 1
DNCP Vitolo Cross Exhibits 1 and 2
Harkrader DEC/DEP Cross Exhibit 1

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COPIES ORDERED: Email: Harrod, Fenterss, Somers, Kells, Culley, Ledford, Mitchell, Bowen, Dodge,

Fennell, Edmondson and Josey

Hard Copies: Finley, Buffkin, Sessoms

REPORTED BY: Kim Mitchell TRANSCRIBED BY: Kim Mitchell DATE TRANSCRIBED: May 3, 2017

TOTAL: 434

TRANSCRIPT PAGES: 128

PREFILED PAGES: 306

DATE 4/8/17
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ZIP
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PROTESTANT RESPONDENT DEFENDANT
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DATE 4-18
DOCKET #: E- 100 Sub 148
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FIRM NAME McTuise Wood LCP
ADDRESS
CITY
ZIP
APPEARING FOR: Dulce Progress
APPLICANT COMPLAINANT INTERVENOR
PROTESTANT RESPONDENT DEFENDANT
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DATE 4/16/17
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NAME OF ATTORNEY IN COO DOLLAR
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FIRM NAME Mc Ouve 1/1900 dr
ADDRESS 434 FAMERICUL St.
CITY Raley
ZIP 271001
APPEARING FOR: Dominion
APPLICANT COMPLAINANT INTERVENOR
PROTESTANT RESPONDENT DEFENDANT
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NAME OF ATTO	DRNEY Bernard L.M.	Namee
TITLE _ Sr.	Lounse/	
	McGuira Woods LLP	
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DATE April 18, 2017	
DOCKET #: E-100, Sub 148	
NAME OF ATTORNEY Ann Oll	
TITLE	
FIRM NAME Bailer & Dixon, LL!	
ADDRESS 434 Forgerentle Street, Suite 7500	
CITY Roleigh	
ZIP 77601	
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APPEARING FOR: Canting Industrial Group for Fri 4th Takes I, I + I	<u>U</u>
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DATE 4/18/17
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TITLE Attorney
FIRM NAME Southern Environmental law Center
ADDRESS 601 W Rosemary SV.
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ZIP _275/6
APPEARING FOR: Southern Alliance for Clean Energy
APPLICANT COMPLAINANT INTERVENOR
PROTESTANT RESPONDENT DEFENDANT
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DOCKET #: E-10	U Sub 148	Guldelli) I wong sov
NAME OF ATTORNI	EY Lawen J. Bower	7
TITLE Staff AH	orney	
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ZIP 27516		
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APPEARING FOR:	Southern Allian	ice for Clean Energy
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APPEARING FOR:	North Carolina T	Pork Council
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TITLE	General Coursel		
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ADDRESS	4800 Six Forks Ro	and Site 300	35
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ZIP	2.7609		
APPEARING FOR	R: North Cocolina	Sustainable En	ergy Association
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DATE 4/18/17
DOCKET #: F - 1000 S. L. 148
NAME OF ATTORNEY That (m)ley
TITLE Partner.
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CITY (NY) NC
ZIP 2-75/3
APPEARING FOR: CYPTESS Creek Renewables
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PROTESTANT RESPONDENT DEFENDANT
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DATE 04/18/17 DOCKET #: E-100, Sub 148 NAME AND TITLE OF ATTORNEY Robert F. Page
FIRM NAME Crisp & Page PLLC
ADDRESS 4010 Barrett Dr., Suite 205
CITY Raleigh ZIP 27609
APPEARING FOR: Carolina Utility Customers Association, Inc.
APPLICANT COMPLAINANT INTERVENER
PROTESTANT RESPONDENT DEFENDANT
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DATE 4/18/2017
DOCKET #: 2-100, Sub 148
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TITLE Special Deputy Attorney General
FIRM NAME Office of NC Attorney General
ADDRESS 114 West Eduction St
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ZIP 27602-0629
APPEARING FOR: NGAHorney General, Josh Stein
APPLICANT COMPLAINANT INTERVENOR
PROTESTANT RESPONDENT DEFENDANT

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NORTH CAROLINA UTILITIES COMMISSION PUBLIC STAFF - APPEARANCE SLIP

DATE 04/1	18/17 DOCKET #: E-100, Sub 148
PUBLIC STA	AFF MEMBER Tim R. Dodge, Heather Fennell, Lucy
Edmondson,	, Robert Josey
	TRANSCRIPT OF TESTIMONY TO BE EMAILED TO THE PUBLIC STAFF
	INDICATE YOUR DIVISION AS WELL AS YOUR EMAIL ADDRESS
BELOW:	
ACCOUNTING	<u> </u>
WATER	
COMMUNICAT	rions
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GAS	
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ECONOMICS	
LEGAL	tim.dodge@psncuc.nc.gov,
	heather.fennell@psncuc.nc.gov,
	lucy.edmondson@psncuc.nc.gov,
	robert.josey@psncuc.nc.gov
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Signature	of Pablic Staff Member

DEC/DEP_McConnell Cross Exhibit No. _/___

DEC/DEP_CCR_Q7

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- (7) On page 5, Line 17-18, Witness McConnell refers to "QF markets."
 - a. Please identify all such "markets" or states by name that Witness McConnell is referencing in making this statement.
 - b. For each market or state so identified in response to (5).a., please identify the number of QF projects that Cypress Creek or its subsidiaries or affiliates has either (i) placed in service since January 1, 2015 or (ii) now has under development.

RESPONSE TO DEC/DEP_CCR_Q7:

- a. "QF markets" in this context refers not to specific states, but to states or markets where most solar PV projects sell their output to incumbent utilities under PURPA, rather than in wholesale markets.
- b. CCR objects to this question on the grounds that it is unduly burdensome and requests information that is irrelevant and not reasonably calculated to lead to the discovery of admissible evidence in this case to the extent that it seeks information on projects that are not standard-offer QF projects located within North Carolina. Notwithstanding and subject to these objections, CCR responds that it has a total of 99 North Carolina standard-offer QFs that are under development and 102 North Carolina standard-offer QFs that have been placed into service since January 1, 2015.

Response Date: April 11, 2017

Response By: Patrick McConnell

Cross Exhibit No.

DEC/DEP_CCR_Q2

Recognizing that PURPA exempts QFs from federal or state regulatory oversight of their (2)

books and cost of service and exempts QFs and their upstream parent companies from

cost-based rate regulation, would Cypress Creek agree to authorize the Public Staff and

the North Carolina Utilities Commission Staff to audit Cypress Creek's books and

records in making a determination regarding whether Cypress Creek's QF projects have a

reasonable opportunity to attract capital from potential investors?

RESPONSE TO DEC/DEP_CCR_Q2:

CCR objects to this question to the extent that it seeks a commitment from CCR to prospectively

waive its legal rights under PURPA.

Notwithstanding this objection, CCR responds that it would consider any request by the Commission Staff or Public Staff to provide financial information on a voluntary

basis. However, CCR is not aware of any such request having been made by the Commission or

the Public Staff.

Response Date: April 11, 2017

Response By: Patrick McConnell

DEC/DEP_CCR_Q5

(5) On page 5, Line 1-2, Witness McConnell explains that "to date CCR has used over 25

different capital providers . . ." to provide debt and equity capital for the development of

its solar PV projects. Please (i) identify these capital providers by name, (ii) identify

whether they have provided debt capital, equity capital or another type of capital or

financial support; and (iii) provide a reasonable estimate of the gross total capital

provided by each of the identified capital providers to Cypress Creek.

RESPONSE TO DEC/DEP_CCR_Q5:

CCR objects to this information to the extent that it requests information that is subject to nondisclosure agreements with the capital providers and that CCR is prohibited from disclosing such

information under those agreements, except as required by law.

Response Date: April 11, 2017

Response By: Patrick McConnell

Thomas J. Vitolo, Ph.D., Senior Associate

Synapse Energy Economics I 485 Massachusetts Avenue, Suite 2 l Cambridge, MA 02139 I 617-453-7036 tvitolo@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. Senior Associate, 2015 – present, Associate, 2011 – 2015.

Conducts research, authors reports, and prepares expert testimony. Consults on issues related to renewable resources, distributed energy resources, PURPA and avoided costs, municipal utility planning, renewable energy and carbon markets, integrated resource planning, coal asset valuation, compliance, and cost-benefit analysis.

Jointown Group Co., Ltd., Wuhan, China. Systems Engineer Intern, Summer 2007.

Developed and implemented a modified (s,S) inventory management scheme for over 20,000 warehoused pharmaceutical products, resulting in more orders filled, lower carrying costs, and a reduction in the frequency of product expiration.

MIT Lincoln Laboratory, Division 6, Group 65, Lexington, MA. Research Assistant, 2003 - 2006.

Designed algorithm and implemented software to create autonomous wireless point-to-point topologies for aerial, land-based, and nautical vehicles as part of an Optical & RF Combined Link Experiment (ORCLE) funded by Defense Advanced Research Projects Agency (DARPA).

EDUCATION

Boston University, Boston, MA

Doctor of Philosophy in Systems Engineering, 2011. Developed algorithms to discover degree constrained minimum spanning trees in sparsely connected graphs.

Dublin City University, Dublin, Ireland

Master of Science in Financial and Industrial Mathematics, 2001. Researched partial differential equations modeling fluid flow over an erodible bed.

North Carolina State University, Raleigh, North Carolina

Bachelor of Science in Applied Mathematics, 2000. Summa Cum Laude.

Bachelor of Science in Computer Science, 1999. Summa Cum Laude.

Bachelor of Science in Economics, 1998. Summa Cum Laude.

TESTIMONY

Maryland House of Delegates Economic Matters Committee (SB 771): Oral testimony regarding the rate impacts of Senate Bill 771 and Senate Bill 1131 on low use and low-income customers and energy efficiency programs in the SMECO and Choptank cooperative service territories. On behalf of the Maryland Public Service Commission. February 21, 2017.

Maryland Senate Finance Committee (SB 771): Oral testimony regarding the rate impacts of Senate Bill 771 and Senate Bill 1131 on low use and low-income customers and energy efficiency programs in the SMECO and Choptank cooperative service territories. On behalf of the Maryland Public Service Commission. February 21, 2017.

The Commonwealth of Massachusetts Department of Public Utilities (Docket No. 16-99): Public comments regarding the Town of Brookline's request for approval of a municipal aggregation plan pursuant to G.L. c. 164, § 134. On behalf of the Brookline Climate Action Committee Community Choice Aggregation Subcommittee. September 14, 2016.

Public Service Commission of South Carolina (Docket No. 2016-3-E): Annual Review of Base Rates for Fuel Costs of Duke Energy Carolinas, LLC. Direct and surrebuttal testimony on behalf of South Carolina Coastal Conservation League and Southern Alliance for Clean Energy. August 19 and September 1, 2016.

Public Service Commission of South Carolina (Docket No. 2016-2-E): Annual Review of Base Rates for Fuel Costs for South Carolina Electric & Gas Company. Direct and surrebuttal testimony on behalf of South Carolina Coastal Conservation League and Southern Alliance for Clean Energy. March 24 and April 6, 2016.

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Vermont Public Service Board (Docket No. 8586): Direct testimony on the need and economic benefit of the proposed Coolidge Solar 20 MW solar electric generation facility. On behalf of Ranger Solar, LLC. December 14, 2015 and September 14, 2016.

California Public Utilities Commission (Docket No. R.13-12-010): Reply testimony on Phase 1a modeling scenarios in the Order Instituting Rulemaking to Integrate and Refine Procurement Policies and Consider Long-Term Procurement Plans. On behalf of the California Office of Ratepayer Advocate. December 18, 2014.

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Thomas Vitolo page 2 of 7

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Wilson, R., S. Fields, P. Knight, E. McGee, W. Ong, N. Santen, T. Vitolo, E. A. Stanton. 2016. *Are the Atlantic Coast Pipeline and the Mountain Valley Pipeline Necessary? An examination of the need for additional pipeline capacity in Virginia and Carolinas*. Synapse Energy Economics for Southern Environmental Law Center and Appalachian Mountain Advocates.

Vitolo, T. 2016. "Senate bill on climate change is the stronger of the two." Cambridge Chronicle, July 30.

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Stanton, E. A., F. Ackerman, T. Comings, P. Knight, T. Vitolo, E. Hausman. 2013. Will LNG Exports Benefit the United States Economy? Synapse Energy Economics for Sierra Club.

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Hornby, R., D. White, T. Vitolo, T. Comings, K. Takahashi. 2012. *Potential Impacts of a Renewable and Energy Efficiency Portfolio Standard in Kentucky*. Synapse Energy Economics for Mountain Association for Community Economic Development and Kentucky Sustainable Energy Alliance.

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Vitolo, T. 2016. "The Influence of Clean Power Plan Compliance Pathway Choice on Renewable Energy Construction." Presentation at the Renewable Energy Markets Conference, October 17, 2016.

Vitolo, T., J. Lazar. 2016. "The Value of Solar: Assessing the Benefits, the Costs, and What it May Mean for Net Energy Metering." Webinar for Regulatory Assistance Project, September 22, 2016.

Vitolo, T. 2016. "Some Value of Solar Remarks." Presentation for EUCI's "Net Energy Metering and Utility Solar Rates" seminar, July 21, 2016.

Vitolo, T., P. Luckow. 2016. "New Renewable Generation Capacity – Why Here and Not There?" Webinar by Synapse Energy Economics, June 22, 2016.

Vitolo, T., D. Lescohier, E. Frey, L. O. Pehlke. 2016. "Comparing Two Brookline Water Department Rate Proposals." Presentation to Brookline Board of Selectmen, Brookline, MA, June 21, 2016.

Vitolo, T. 2016. "Value of Solar: What & How, Who & Where, and Why." Presentation for the Solar Market Pathways Sustainable Communities Leadership Academy, Boston, MA, June 7, 2016.

Vitolo, T. 2016. "Local Action Big Results: Community Choice Aggregation." Presentation at Brookline Climate Week 2016, March 30, 2016.

Vitolo, T. 2016. "Getting a Local Energy Project Up and Running: Community Choice Aggregation." Presentation for Local Environmental Action Conference 2016, March 13, 2016.

Vitolo, T. 2016. "How That Thing in Your Pocket Will Cut Carbon Emissions in Half." Lecture for the Boston University City Planning and Urban Affairs Program, March 8, 2016.

Vitolo, T. 2015. Oral testimony regarding Belmont proposed distributed generation compensation policy. Presentation to Net Metering Working Group, Belmont, MA, July 16, 2015.

Vitolo, T. 2015. "Avoided Costs Associated with Distributed Generation and the Intersection of DG Valuation and Integrated Resource Planning." Presentation in Salt Lake City, UT, May 12, 2015.

Stanton, E. A., B. Biewald, D. Hurley, P. Peterson, T. Vitolo. 2015. "Clean Energy Advocates Bootcamp: Understanding Supply and Demand in New England." Presentation in Cambridge, MA, February 12, 2015.

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Vitolo, T. 2015. "Community Solar in Context." Presentation at Brookline Climate Week 2015, February 4, 2015.

Vitolo, T. 2014. "Net Metering and Mississippi." Presentation at the 13th Annual Southern BioProducts and Renewable Energy Conference, November 13, 2014.

Vitolo, T. 2014. Comments in New York Association for Energy Economics panel regarding the operation and economics of Indian Point Nuclear Plant, November 4, 2014.

Vitolo, T. 2013. "How Big an Issue is Intermittency? Integrating Renewables into a Reliable, Low-Carbon Energy Grid," Presentation for Civil Society Institute webinar, April 17, 2013.

Vitolo, T. 2009. "RPS in the USA: The Present Impact and Future Possibilities of Renewable Portfolio Standards in America." Presentation at Boston University Energy Club Seminar Series.

Vitolo, T. 2007. "An ILP Approach to Spanning Tree Problems on Incomplete Graphs with Heterogeneous Degree Constraints." Presentation at INFORMS Annual Meeting.

Vitolo T., J. Hu., L. Servi, V. Mehta. 2005. "Topology Formulation Algorithms for Wireless Networks with Reconfigurable Directional Links." Proceedings of the IEEE Military Communications Conference, October 2005.

Vitolo, T. 2004. "Topology Design and Traffic Routing for Wireless Networks with Node-Based Topological Constraints." Presentation at Boston University CISE Seminar Series.

ADDITIONAL EXPERIENCE

TEACHING

- Guest Lecturer, Harvard Law School, 2017 present
- Guest Lecturer, Boston University City Planning and Urbans Affairs Program, 2015 present
- Graduate Teaching Fellow, Boston University College of Engineering. Introduction to Engineering Computation, 2009
- Guest Lecturer, Boston University Department of Systems Engineering, Case Studies in Inventory Management, 2007-2008
- Guest Lecturer, Boston University Department of Systems Engineering, Solving Linear Programs with CPLEX, 2003-2008

GOVERNMENT SERVICE

- Constable, Brookline, MA, 2010 present
- Town Meeting Member, Brookline, MA, 2007 present
- Bicycle Advisory Committee Member, Brookline, MA, 2007 present.

OTHER INFORMATION

FELLOWSHIPS AND SCHOLARSHIPS

- National Science Foundation IGERT Fellowship, 2006 2008
- National Science Foundation GK-12 Fellowship, 2002 2003
- Mitchell Scholarship, 2000 2001
- Park Scholarship, 1996 2000

ADDITIONAL SKILLS

- Computer Applications: Microsoft Office, LaTeX
- Programming: Fortran, C, C++, perl, MATLAB, CPLEX

AFFILIATIONS

- Center for Computation Science, Boston University, 2006 2010
- Center for Information and Systems Engineering, Boston University, 2002 2010

Resume dated February 2017.

Info[°]

Author

P. Knight

Date Created

3/22/2017

Reviewed by

T. Vitolo

Date Reviewed

3/22/2017

Data Sources

Attachment NCSEA Set 1-08(f)(1)

Attachment NCSEA Set 1-08(f)(2)

Docket

E-100, sub 148

North Carolina

I/A 101.7

Substation Analysis

Sources Attachment NCSEA Set 1-08(f)(1) Attachment NCSEA Set 1-08(f)(2) Designation: 75%-100% 50%-75%

0%-50%

Positive Neutral Negative

Substation

Parmele TX #1

With Entire Dataset

Number of Data Points	17904
Number of NonZero Points	17542
Number of Negative Points	3855
Percent Negative	22%
Percent Positive	78%
Designation	Positive

With New Start Date

Number of Data Points	12143
Number of NonZero Points	12140
Number of Negative Points	3855
Percent Negative	32%
Percent Positive	68%
Designation	Neutral
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	5767

Attachment NCSEA Set 1-08(f)(2)

Designation

Negative

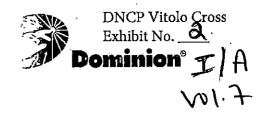
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01 01 01 01 01	6 17:00:00 6 17:30:00 6 18:00:00 6 18:30:00 6 19:00:00 6 19:30:00 6 20:00:00	6 17:00:00 -0.642 6 17:30:00 0.124 6 18:00:00 -0.197 6 18:30:00 0.284 6 19:00:00 0.578	6 17:00:00 -0.642 6 17:30:00 0.124 6 18:00:00 -0.197 6 18:30:00 0.284 6 19:00:00 0.578 6 19:30:00 1 6 20:00:00 1.118	6 17:00:00 -0.642 6 17:30:00 0.124 6 18:00:00 -0.197 6 18:30:00 0.284 6 19:00:00 0.578 6 19:30:00 1 6 20:00:00 1.118	6 17:00:00 -0.642 6 17:30:00 0.124 6 18:00:00 -0.197 6 18:30:00 0.284 6 19:00:00 0.578 6 19:30:00 1 6 20:00:00 1.118 6 20:30:00 1.118	6 17:00:00 -0.642 6 17:30:00 0.124 6 18:00:00 -0.197 6 18:30:00 0.284 6 19:00:00 0.578 6 19:30:00 1 6 20:00:00 1.118 6 20:30:00 1.118

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Dominion Resources Services, Inc. Law Department P.O. Box 26532, Richmond, VA 23261



Horace P. Payne, Jr. Senior Counsel Direct (804) 819-2682 Fax: (804) 819-2183 horace.p.payne@dom.com

February 1, 2017

VIA ELECTRONIC FILING

Chief Clerk North Carolina Utilities Commission Dobbs Building 430 North Salisbury Street Raleigh, North Carolina 27603

Re: Docket No. E-100, Sub 101 A

Dear Chief Clerk:

In accordance with the North Carolina Utilities Commission's directives on page 25 of its May 15, 2015 Order Approving Revised Interconnection Standard, issued in Docket No. E-100, Sub 101, Virginia Electric and Power Company, d/b/a Dominion North Carolina Power ("DNCP" or "the Company"), encloses its February 1, 2017 quarterly Queue Status and Queue Performance reports for filing in the above-captioned docket.

The Queue Status report is being filed in spreadsheet form and provides a snapshot of the Company's North Carolina interconnection queue ^{1,2} as of January 30, 2017, by queue number, including the following information: 1) fuel type; 2) date queue number was assigned; 3) capacity (MW); 4) the substation and transformer to which the project is proposed to be interconnected; and 6) status of the request in the interconnection process. In addition to identifying whether an Interconnection Agreement ("IA") has been executed or the project has been interconnected/cancelled, the project status descriptions identified in this Queue Status report reflect interdependency status designations of Project A, Project B, or Subordinate in accordance with Section 1.8 of the Procedures. Information presented in the Queue Status report is being provided to the Commission for purposes of improving transparency into DNCP's North Carolina interconnection queue; however, interested persons should not rely upon the Queue Status report as indicative of whether additional generating facilities may be interconnected to an identified substation or circuit without impact since there are many variables studied as part of

¹ The Queue Status report addresses DNCP's North Carolina state-jurisdictional interconnection queue. The report does not include transmission and distribution voltage interconnection requests submitted to the PJM interconnection queue, which are administered by PJM independently from DNCP's North Carolina state-jurisdictional interconnection queue.

² The Queue Status report excludes net metering requests as net metering interconnections are intended to offset a portion or all of a retail customer's load and are not primarily for power export.

Chief Clerk February 1, 2017 Page 2

the interconnection study process. Interested persons should obtain a Section 1.3 Pre-Application Request and/or file a Section 1.4 Interconnection Request.

The Queue Performance report includes historical information as of January 30, 2017 and is designed to present the Commission a baseline against which the Company's progress in managing its North Carolina interconnection queue can be assessed under the revised North Carolina Interconnection Procedures. The Queue Performance report presents a historical view of the following: 1) days between queue number assignment and an IA being sent to the Interconnection Customer; 2) days between IA execution with charges satisfied and when utility facilities are made available for operation; and 3) days between queue number assignment and when utility facilities are made available for operation.

Please do not hesitate to contact me if you have any questions. Thank you for your assistance in this matter.

Sincerely yours.

Horace P. Payne, Jr.

Senior Counsel

Enclosures

cc: Tim Dodge, Esq., Public Staff - North Carolina Utilities Commission Parties of Record

		- DateQueue 6			() () () () () () () () () ()	: Status :
(QueueMo	Evel Type	> Mo√selated	क्ष्मेञ्जाठे(ए००)	Superalignend framsformer	Gladis .	වසාවේ මසාවේත්ර
NC11009	Solar	1/1/2011	5.0 ⁻	Plymouth Tx 2	62 340 (Plymouth)	Connected
NC13001	Solar	1/28/2013	1.8	Seaboard Tx 1	61 817 (Seaboard)	IA Executed
NC13002;	Solar	2/11/2013	5.0	Hornertown Tx 1	61 824 (Hornertown)	Connected
NC13003	Solar	2/13/2013	.5.0	Everetts Tx 3	62 325 (Everetts)	Connected
NC13004	Solar	2/13/2013	5.0	Kelford Tx 1	67 380 (Kelford)	Connected
NC13005	Solar	2/13/2013	5.0	Cashie Tx 1	67 360 (Cashle)	Connected
NC13006	Solar	3/13/2013	5.0	Lilley Tx 1	62 805 (Lilley)	, Connected
NC13007	Solar	3/13/2013	5.0	Bethel-Carolina Tx 1	62 755 (Bethel-Carolina)	Connected
NC13008	Solar	3/27/2013	15.0	Hornertown Tx 5	61 320 (Hornertown)	Connected
NC13009	Solar	3/27/2013	20.0	Scotland Neck Tx 2	61 723 (Scotland Neck)	Connected
NC13011	Solar	·5/7/2013 [,]	5.0	Earleys Tx 1	67 302 (Earleys)	Connected
NC13012	Solar	5/7/2013	19.9	:Sligo Tx 1	71 475 (Sligo)	Connected
NC13013.	Solar	5/10/2013	14.0	Chowan Tx 1	71 445 (Chowan)	Cancelled
NC13014	Solar	5/28/2013	5.0	Parmele Tx 1	62 740 (Parmele)	Cancelled
NC13015	Solar	5/28/2013	:5.0	Battleboro Tx 2	61 316 (Battleboro)	.Connected
NC13016	Solar	5/28/2013	5.0	Winfall Tx 4	71 420 (Winfall)	Cancelled
NC13017	Solar	5/28/2013	5.0	Parmele Tx 1	62 735 (Parmele)	Cancelled
NC13018	Solar,	5/31/2013	19.9	Whitakers Tx 1	61 336 (Whitakers)	Connected
NC13019	Solar	5/31/2013	:16.5	Hornertown Tx 5	61 320 (Hornertown)	IA Executed
NC13020	Solar	5/31/2013	.5.0	Plymouth Tx 1	62 335 (Plymouth)	Cancelled
NC13021	Solar	6/19/2013	1.4	Carolina Tx 2	61 810 (Carolina)	Connected
NC13022	Solar	6/24/2013	12.0	Riders Creek Tx 1	62 342 (Riders Creek)	Cancelled
NC13023	Solar	7/18/2013	5.0	Bethel-Carolina Tx 1	62 755 (Bethel-Carolina)	Connected
NC13024	Solar	7/18/2013	5.0	Everetts Tx 3	62 310 (Everetts)	:Connected
NC13025	Solar	7/20/2013	5,0	Winfall Tx 4	71 420 (Winfall)	Connected
NC13026	Solar	7/20/2013	5.0	Winfall Tx 5	71 430 (Winfall)	Connected
NC13027	Solar	7/20/2013	5.0	Winfall Tx 4	71 420 (Winfall)	Cancelled
NC13028	Solar	7/23/2013	'19.9	Everetts Tx 3	62 325 (Everetts)	Connected
NC13031	Solar	8/15/2013	14.0	Creswell Tx 1	62 370 (Creswell)	Connected

QueueNo	(අවේ ලෝ	Date Queue	Capacity((MW)	Substation and Transformer	Gladi:	Status
		No Assigned			- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Description
NC13032	Solar	8/20/2013	5.0 5.0	Sunbury Tx 1	71 425(Sunbury)	Connected
NC13032A	Solar	8/20/2013 -		Sunbury Tx 1	71 425(Sunbury)	Connected
NC13033	Solar	8/20/2013	5.0	Everetts Tx 3	62 325 (Everetts)	Connected
NC13034	Solar	8/26/2013	5.0	Battleboro Tx 2	61 316(Battleboro)	Connected
NC13035	Solar	8/28/2013	5.0	Tarboro Tx 1	62 710 (Tarboro)	Connected
NC13037	Solar	8/30/2013	5.0	Tarboro Tx 1	62 710 (Tarboro)	'Connected
NC13038	(Solar)	(8/30/2013)	(5.0	(Parmele Tx 1)	(62 740 (Parmele)	(Connected
NC13039	Solar	9/11/2013	5.0	Tar River Tx 1	62 715 (Tar River)	Connected
NC13040	Solar	9/20/2013	5.0,	Earleys Tx 2	67 303 (Earleys)	Cancelled
NC13041	Solar	10/1/2013	5.0	Tar River Tx 1	62 715 (Tar River)	Cancelled
NC13042	Solar	10/1/2013	5.0	Everetts Tx 1	62 320 (Everetts)	Connected
NC13043	Solar	10/2/2013	5:0	Northampton Tx 1	Northampton Tx 1 61 381 (Northampton)	
NC13044	Solar	10/2/2013	5.0	Tunis Tx 1	Tx 1 67 326 (Tunis)	
NC13045	Solar	10/2/2013	5.0	Woodland Tx 1	67 304 (Woodland)	Connected
NC13046	Solar	10/8/2013	5.0	Bethel-Carolina Tx 1	62 755 (Bethel-Carolina)	Cancelled
NC13048	Solar	10/21/2013	5.0	Tunis Tx 1	67 326 (Tunis)	Connected
NC13049	Solar	10/21/2013	2.0	Earleys Tx 1	67 302 (Earleys)	Cancelled
NC13050	Solar	10/21/2013	5.0	Murphy Tx 1	67 310 (Murphy)	Connected
NC13051	Solar	10/21/2013	5.0	Earleys Tx 1	67 302 (Earleys)	Connected
NC13052	Solar	10/21/2013	13.5	Murphy Tx 2	67 309 (Murphy)	Connected
NC13053	(Solar)	(10/29/2013)	(10.0)	(Parmele Tx 1)	(62 740 (Parmele))	IA Executed
NC13054	Solar	10/29/2013	16.0	Murphy Tx 1	67 310 (Murphy)	IA Executed
NC13055	(Solar)	10/29/2013)	(3.4)	Parmele Tx 1)	(62 740 (Parmele))	(IA Executed)
NC13056	Solar	10/29/2013	20.0	Murphy Tx 2	67 309 (Murphy)	IA Executed
NC13057	Solar	11/15/2013	5.0	Ahoskie Tx 1	67 329 (Ahoskie)	Connected
NC13058	Solar	11/15/2013	20.0	Aydlett Tx 2	71 482 (Aydlett)	IA Executed
NC13059	Solar	11/15/2013	5.0	Woodland Tx 1	67 304 (Woodland)	IA Executed
NC13060	Solar	11/15/2013	3.4	Whitakers Tx 1	61 330 (Whitakers)	Connected
NC13060A	Solar	11/15/2013	5.0	Carolina Tx 2	61 815 (Carolina)	Connected

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Queue No	Fuel Type	vateleueue ≥•No/cslanal ≥ 1	Œिवासुर्धि(WM)	නග්වන වේගා ගෙන්නවාදී	ा ग्याप	Status Description
NC13061	Şolar	11/15/2013	12.0	Carolina Tx 2	61.810 (Carolina)	Cancelled
NC13062	Solar	11/18/2013	5.0	Seaboard Tx 1	61 818 (Seaboard)	Connected
NC13063	Solar	11/18/2013	5.0	Everetts Tx 3	62 325 (Everetts)	Cancelled
NC13064	Solar	11/18/2013	5.0	Chowan Tx 1	71.445 (Chowan)	Connected
NC13065	Solar	11/18/2013	5.0	Earleys Tx 1	67 302 (Earleys)	Project A
NC13066	Solar	11/18/2013	5.0	Çhowan Tx 1	71 445 (Chowan)	Cancelled
NC13067	Solar	11/25/2013	5.0	Kelford Tx 1	67 380 (Kelford)	Connected
NC13068	Solar	12/2/2013	5.0	Murphy Tx 2	67 309 (Murphy)	IA Executed
NC13069	Solar	12/2/2013	5.0	Tunis Tx 1	67 327 (Tunis)	Connected
NC13070	Solar	12/2/2013	5.0	Carolina Tx 2	61 810 (Carolina)	IA Executed
NC13071	Solar	12/11/2013	5.0	Tunis Tx 1	67 328 (Tunis)	Connected
NC13072	Solar	12/13/2013	5.0	Poplar Chapel Tx 1	62 334 (Poplar Chapel)	Cancelled
NC13073	Solar	12/18/2013	5.0	Northampton Tx 1	61 381 (Northampton)	Connected
NC13074	Solar	12/18/2013	5.0	Earleys,Tx 2	67 303 (Earleys)	Connected
NC13075	Solar	12/18/2013	0.1	Kitty Hawk Tx 8	68 407 (Kitty Hawk)	Connected
NC13076	Solar	12/18/2013	5.0	Whitakers Tx 1	61 330 (Whitakers)	Cancelled
NC13077	Solar	12/18/2013	5.0	Earleys:Tx 1	67 302 (Earleys)	Cancelled
NC14001	Solar	1/3/2014	5.0	Hornertown Tx 1	61 828 (Hornertown)	Cancelled
NC14002	Solar-	1/3/2014	5.0	Hornertown Tx 5	61 320 (Hornertown)	Cancelled
NC14003	Solar	1/3/2014	5.0	Bethel-Carolina Tx 1	62 755 (Bethel-Carolina)	Cancelled
NC14004	Solar	1/6/2014	5.0,	Hornertown Tx 5	61 320 (Hornertown)	'IA Executed
NC14005	Solar	1/10/2014	5.0	Creswell Tx 1	62 370 (Creswell)	Cancelled
NC14006	Solar '		. 2.0	Everetts Tx 3	62 310 (Everetts).	Cancelled
NC14008	Solar	1/14/2014	3.0	Bethel-Carolina Tx 1	62 755 (Bethel-Carolina)	Cancelled
NC14009	Solar	1/31/2014	3.0	Seaboard Tx 1	61 818 (Seaböard)	Cancelled
NC14010	Solar	1/31/2014	5.0	Northampton Tx 1	61 381 (Northampton)	Connected
NC14011	Solar	2/11/2014	5.0	Chowan Tx 1	71 445 (Chowan)	Cancelled
NC14012	Solar	2/12/2014	5.0	Ahoskie Tx 1	67 329 (Ahoskie)	IA Executed
NC14014	Solar	3/10/2014	5.0	Whitakers Tx 1	61 330 (Whitakers)	Cancelled

QueuelNo	GuelType	ලාලාමුණුල	ලෝබෝy(හ්හා)	හැමිසේ මානුව ගැනීම වැනීම	(बींटगीर	Status 7
NC14018	Solar	No/Assigned 4/3/2014	5.0	Everetts Tx 1	62 330 (Everetts)	*Description Connected
NC14019	Solar	4/4/2014	5.0	Everetts Tx 1	62 320 (Everetts)	Connected
NC14020	Solar	4/8/2014	. 4.5	Carolina Tx 2	61 810 (Carolina)	Cancelled
NC14023	Solar	4/23/2014	5.0	Cashie Tx 1 & Tx 2	67 - To Windsor DP (Cashie Tx 2)	Connected
NC14024	Solar	4/24/2014	5.0	Sunbury Tx 1	71 425 (Sunbury)	Project A
NC14025	Solar	4/28/2014	5.0	Winfall Tx 5	71 430 (Winfall)	IA Executed
NC14026	Solar	4/28/2014	5.0	Northampton Tx 1	61 381 (Northampton)	IA Executed
NC14027	Solar	4/28/2014	3.0	Northampton Tx 1	61 381 (Northampton)	Subordinate
NC14028	Solar	4/30/2014	5.0	Winfall Tx 5	71 430 (Winfall)	Project A
NC14029	Solar	4/30/2014	5.0	Winfall Tx 5	71 430 (Winfall)	Cancelled
NC14030	Solar	5/1/2014	5.0	Winfall Tx 5	71 430 (Winfall)	Project:B
NC14031	Solar	5/1/2014	5.0	Winfall Tx 5	Winfall Tx 5 71 430 (Winfall)	
NC14032	Solar	5/13/2014	5.0	Battleboro Tx 1	61 315 (Battleboro)	Connected
NC14033	Solar	5/21/2014	5.0	Seaboard Tx 1	61 818 (Seaboard)	Cancelled
NC14034	Solar	5/22/2014	5.0	Northampton Tx 1	61 381 (Northampton)	Project A
NC14035	Solar	5/22/2014	5.0	Carolina Tx 2	61 810 (Carolina)	Cancelled
NC14039	Solar	6/3/2014	5.0	Seaboard Tx 1	61 817 (Seaboard)	Cancelled
NC14042	Solar	6/10/2014	2.0	Şeaboard Tx 1	61 818 (Seaboard)	Cancelled
NC14043	Solar	6/12/2014	5.0	Woodland Tx 1	67 307 (Woodland)	Connected
NC14044	Solar	6/16/2014	5.0	Poplar Chapel Tx 1	62 334 (Poplar Chapel)	Cancelled
NC14046	Solar	7/2/2014	5.0	Poplar Chapel Tx 1	62 334 (Poplar Chapel)	IA Executed
NC14047	Solar	7/2/2014	5.0	Pasquotank Tx 1 & Okisko Tx 1	71 555 (Okisko Sub)	Cancelled
NC14048	Solar	7/2/2014	5.0	Hornertown Tx 1	61 828 (Hornertown)	Cancelled
NC14049	Solar	7/2/2014	3.1	Pasquotank Tx 1	71 434 (Pasquotank)	Connected
NC14050	Solar	7/3/2014	10.0	Creswell Tx 1	62 370 (Creswell)	Project A
NC14051	Solar	7/3/2014	5.0	Cashie Tx 1 & Tx 2 67 - To Windsor DP (Cashie Tx 2)		Cancelled
NC14052	Solar	7/7/2014	5.0	Murphy Tx 2	67 309 (Murphy)	Cancelled
NC14053	Solar ·	7/14/2014	20.0	Lake Gaston Tx 1	61 331 (Lake Gaston)	Cancelled
NC14054	Solar	7/17/2014	5.0	Tunis Tx 1	67 327 (Tunis)	Cancelled

Queue No	Fuel Type	÷DiteQuave NoAssigned	ख्याना (MW)	Svistallopeni/Troslomer	. बारवारि	शतांपंड .
NC14055	Solar	7/21/2014	2.0	Northampton Tx 1	61 381C (Northampton)	Description Cancelled
NC14056	Solar	7/21/2014	2.0	Northampton Tx 1	61 381 (Northampton)	Cancelled
NC14057	Solar	7/21/2014	5.0.	Tunis Tx 1	67 327 (Tunis)	Cancelled
NC14058	Solar	7/21/2014	5.0	Woodland Tx 1 67 304 (Woodland)		Cancelled
NC14059	Solar	7/23/2014	5.0	Earleys Tx 2	67 303 (Earleys)	Cancelled
NC14060	Solar	7/23/2014	3.0	Scotland Neck Tx 2	61 730 (Scotland Neck)	Project A
NC14061	Solar	7/24/2014	5.0	Sligo TX 1	71 470 (Sligo)	IA Executed
NC14062	Solar	7/25/2014	0.9	Elizabeth City Tx 2	71 412 (Elizabeth City)	Cancelled
NC14063	Solar	7/29/2014	5.0	Sligo TX 1	71 470 (Sligo)	Project A.
NC14065	Solar	7/31/2014	5.0'	Poplar Chapel Tx 1	62 334 (Poplar Chapel)	Project A
NC14066	Solar	8/5/2014	5.0	Winfall Tx 5	71 430 (Winfall)	Cancelled
NC14067	Solar	8/5/2014	5.0	Ahoskie Tx 1	67 329 (Ahoskie)	Cancelled
NC14068	Solar	8/5/2014	5.0	Ahoskie Tx 1	67 329 (Ahoskie)	Cancelled
NC14069	Solar	8/5/2014	5.0	Earleys Tx 1	67 302 (Earleys)	Cancelled
NC14070	Solar	8/5/2014	5.0	Tunis Tx 1	67 327 (Tunis)	Cancelled
NC14071	Solar	8/13/2014	5.0	Pasquotank Tx 1	71.434 (Pasquotank)	Cancelled
NC14073	Solar	9/4/2014	5.0	Pasquotank Tx-1	71 472 (Pasquotank)	Cancelled
NC14074	Solar	9/9/2014	2.0	Seaboard Tx 1	61 818 (Seaboard)	Cancelled
NC14075	Solar	9/15/2014	2.0	Hornertown Tx 5	61 320 (Hornertown)	Cancelled
NC14077	Solar	9/22/2014	5.0	Everetts Tx 3	62 310 (Everetts)	Project A
NC14078	Solar	9/24/2014	10.0	Cashie Tx 1	62 360 (Cashie)	Project A
NC14080	Solar	9/25/2014	5.0	Tar River Tx 1	62 715 (Tar River)	Cancelled
NC14083	Solar	10/2/2014	5.0	Sligo Tx 1	71 467 (Sligo)	Project B
NC14084	Solar	10/2/2014	5.0	Sligo Tx 1	71 470A (Sligo)	Cancelled
NC14085	Solar	10/3/2014	5.0	Elizabeth City Tx 2	71 410S (Elizabeth City)	IA Executed
NC14088	Solar	10/31/2014	5.0	Hornertown Tx 5	61 320 (Hornertown)	Cancelled
NC14089	Solar	10/31/2014	2.0	Hörnertown Tx 5	'61 320 (Hornertown)	Project A
NC14090	Solar'	11/4/2014	0.1	Plymouth Tx 2	62 340 (Plymouth)	Project A
NC14095	Solar	12/4/2014	20.0	Seaboard Tx 1	61 818 (Seaboard)	Cancelled

QueueNo	ලේ වූ වූව	වන්ම@reve NoAණ්නල්	Capadity(MW)	Saparation and Mainstormen	@icofb	• Status Dasglotions
NC15006	Solar	2/13/2015	12.0	Chowan Tx 1	71 445 (Chowan)	Cancelled
NC15007	Solar	2/13/2015	20.0	Winfall Tx.5	71 430 (Winfall)	Cancelled
NC15008	Solar	2/13/2015	16.0	Winfall Tx 4	71 420 (Winfall)	Cancelled
NC15016	Solar	3/27/2015	:5.0	Everetts TX 3	Everetts 320/325 TBD	Cancelled
NC15021	Solar	4/23/2015	5.0	Hornertown Tx 5	61 320 (Hornertown)	Cancelled
NC15110	Solar	10/26/2015	5.0	Plymouth Tx 2	62 340 (Plymouth)	Project B
NC15112	Solar	4/21/2016	2.0	Kelford Tx 1	67 380 (Kelford)	Project A
NC15129	Solar	12/16/2015	16.2	Winfall Tx 4	71 420 (Winfall)	Project A
NC16009	Solar	2/23/2016	5.0	Chowan Tx:1	71 445 (Chowan)	Project A
NC16018	Solar	3/24/2016	3.3	Plymouth TX #2	62 340(Plymouth)	Subordinate
NC16019	Solar	3/24/2016	5.0	Hickory TX #2	23 325(Hickory)	Project A
NC16025	Solar	4/4/2016	21.0	Sligo TX 1	71 470(Sligo)	Cancelled
NC16028	Solar	4/13/2016	5.0	Ahoskie Tx 1	67 329(Ahoskie)	Cancelled
NC16035	Solar	5/18/2016	20.0	Elizabeth City Tx 2	71 410(E. City)	Project B
NC16036	Solar	5/19/2016	5.0	S. Hertford Tx 1	.71 460(S. Hertford)	Project A
NC16037	Solar	5/19/2016	4.5	Poplar Chapel Tx 1	62 334(P. Chapel)	Project B
NC16038	Solar	5/19/2016	4.5	Chowan Tx 1	71 445(Chowan)	Project B
NC16046	Solar	6/21/2016	5.0	Chowan Tx 1	71 445(Chowan)	Subordinate
NC16047	Solar	6/27/2016	5.0	S. Hertford Tx 1	71 460(S. Hertford)	Subordinate
NC16048	Solar	6/27/2016	1.9	Murphy Tx 2	71 309(Murphy)	Project A
NC16053	Solar	7/5/2016	4.0	Carolina Tx 2	61 815(Carolina)	Project A
NC16054	Solar	7/5/2016	4.5	Tunis Tx 1	67 326(Tunis)	Project A
NC16055	Solar	7/5/2016	4.5	Seaboard Tx 1	61 818(Seaboard)	Project A
NC16056	Solar	7/5/2016	4.0	Carolina Tx 2	61 815(Carolina)	Project B
NC16060	Solar	7/13/2016	,20.0	Hornertown	61 320(Hornertown)	IA Executed
NC16061	Solar	7/13/2016	16.0	Hornertown	61 320(Hornertown)	IA Executed
NC16063	Solar	7/26/2016	,5.0	Ahoskie Tx 1	67 329(Ahoskie)	Project A
NC16064	Solar	7/28/2016	4.0	Battleboro Tx 3	61 316(Battleboro)	Project A
NC16069	Solar	8/15/2016	5.0	Murphy Tx 1	67 310(Murphy)	Project A

Dominion North Carolina Power Queue Status Report (Excluding Net Metering)

Data as of:

January 30, 2017

Onene No	जिल्ली विश्वास	DateQueue No/Assigned	@padiy(MW)	Substationend Transformer	ा तगीः	නිවෙන් . මූපන්ත්රිත
NC16070	Solar	8/15/2016	4.0	Murphy Tx 1	67 310(Murphy)	Šubordinate
NC16073	Solar	8/17/2016	5.0	S. Hertford Tx 1 71 460(S. Hertfor		Subordinate
NC16074	Solar	8/17/2016	5.0	S. Hertford Tx 1	71 460(S: Hertford)	Subordinate
NC16080	Solar	9/16/2016	15.0	Aydlett Tx 2	71 482(Aydlett)	Project A
NC16089	Solar	10/24/2016	20.0	Carolina Tx 2	61 810(Carolina)	.Project A
NC16090	Solar	10/25/2016	5.0	Tar River Tx 1	62 715(Tar River)	Project A
NC16102	Solar	11/2/2016	4.0	Tunis Tx 1	67 326(Tunis)	Project B
NC16107	Solar	11/2/2016	5.0	Hornertown	61 319(Hornertown)	Project B
NC16108	Solar	11/2/2016	5.0	Hornertown	61.319(Hornertown)	Subordinate
NC16109	Solar	11/9/2016	0.0	Cashie Tx 1 & Tx 2	67 - To Windsor DP (Cashie Tx 2)	Project A
NC16115	Solar	11/21/2016	5.0	S. Hertford Tx 1	71 460(S: Hertford)	Subordinate

U.S. Energy Information Administration

ELECTRICITY

GLOSSARY FAOS OVERVIEW DATA **ANALYSIS & PROJECTIONS**

Form EIA-860 detailed data with previous form data (EIA-860A/860B)

Release Date: October 6, 2016 Final 2015 data Next Release Date: October 2017

The survey Form EIA-860 collects generator-level specific information about existing and planned generators and associated environmental equipment at electric power plants with 1 megawatt or greater of combined nameplate capacity. Summary level data can be found in the Electric Power Annual.

Detailed data are compressed (zip) and contain the following files:

- LayoutYyyyy- Provides a directory of all (published) data elements collected on the Form EIA-860 together with the related description, specific file location(s), and, where appropriate, an explanation of codes.
- _UtilityYyyyy Contains utility-level data for the plants and generators surveyed in the reporting
- year.

 2 __PlantYyyyy Contains plant-level data for the generators surveyed in all available years.

 3 _1 _GeneratorYyyyy Contains generator-level data for the surveyed generators, split into three tabs.
 - . The "Operable" tab includes those generators which are currently operating, out of service or on standby;
 The "Proposed" tab includes those generators which are planned and not yet in operation;

 - The "Retired and Canceled" tab includes those generators which were cancelled prior to
- completion and operation and retired generators at existing plants.

 3_2_WindYyyyy Contains additional details for surveyed generators that use wind as an energy source, split into two tabs:
 - The "Operable" tab includes those generators which are currently operating, out of service or on standby; and The "Retired and Canceled" tab includes those generators which were cancelled prior to
- completion and operation and retired generators at existing plants.

 3_3_SolarYyyyy Contains additional details for surveyed generators that use solar as an energy
- source, split into two tabs:

 The "Operable" tab includes those generators which are currently operating, out of service or.
 - on standby.

 The "Retired and Canceled" tab includes those generators which were cancelled prior to
- completion and operation and retired generators at existing plants.

 3_4 MultiFuelTyyyy Contains data on fuel-switching and the use of multiple fuels by surveyed generators, split into three tabs:

 The "Operable" tab includes those generators which are currently operating, out of service or
 - on standby; and
 The "Proposed" tab includes those generators which are planned and not yet in operation;
 - . The "Retired and Canceled" tab includes those generators which were cancelled prior to
- The "Retired and Canceled" tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.

 Comert yyyy Contains owner and/or operator data for generators with shared ownership and generators that are wholly-owned by an entity other than the operator (generators not appearing in the file are wholly-owned by their operator).

 1 EnviroAssocYyyyy Contains boiler association data for the environmental equipment data collected on the Form EIA-860.

 The "Boiler Generator" identifies which boilers are associated with each generator.
- - The "Boiler Cooling" tab shows which cooling systems are associated with each boiler,
 The "Boiler Particulate Matter" tab shows which flue gas particulate (FGP) collectors are
 - associated with each boiler;
 The "Boiler SO2" tab shows which flue gas desulfurization (FGD) systems are associated
 - with each boiler

 The "Boiler NOx" tab shows which nitrogen oxide control equipment is associated with each hoile
 - The "Boiler Mercury" tab shows which mercury control equipment is associated with each
 - boiler

 The "Boiler Stack Flue" tab shows which stacks and flues are associated with each boiler.
 - The "Emissions Control Equipment" tab shows the operational status, in-service date, and
- installation costs of all the environmental equipment data for the surveyed generators.

 6_2_EnviroEquipYyyyy Contains environmental equipment data for the surveyed generators.

 The "Emission Standards & Strategies" tab shows boiler data as collected on Schedule 6,
 - Part B of the Form EIA-860; The "Boiler Info & Design Parameters" tab shows boiler data as collected on Schedule 6, Part
 - The "Cooling" tab shows cooling system data as collected on Schedule 6, Part D;
 The "FGP" tab shows FGP data as collected on Schedule 6, Part E;
 The "FGD" tab shows FGD data as collected on Schedule 6, Part F; and

 - The "StackFlue" tab shows stack and flue data as collected on Schedule 6, Part G.

Year	format
2015	- ZIP
2014	ŹIP
2013	ZIP
2012	ZIP
2011	ZIP
2010	ZIP
2009	ZIP
2008	ZIP
2007	ZIP
2006	ZIP
2005	ZIP
2004	ZIP
2003	ZIP
2002	ZIP
2001	ZIP

Superseded Forms (for data prior to 2001) EIA-860 A (utility) and B (nonutility)

Year	Utility	Non-utility
2000*	ZIP	ZIP
1999°	ZIP	ZIP
1998*	ŽIP	ZiP
1997	ZIP	
1996	Z≀P	
1995	ZIP	
1994	ZIP	
1993	ZIP	
1992	ZIP	
1991	ZIP	
1990	ZIP	
* Revised Feb	ruary 9, 2007	

		1	_				_	Namepiatei	Summer	winter		
	1		l		Prime		١.	Capacity	Capacity	Capacity	Operating	Operating
State	County	Generator IO		Technology	Mover	Sector Name	Sector	(MVV)	(MW)	(MW)	Month	Year
CA AZ	Yuma	CRI	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	6.0	5.0	5.0	4	2010
NM	Valencia	PV2 LLSEC	OP OP	Solar Photovoltaic Solar Photovoltaic	PV	Electric Utility	1	5.0	5.0	5,0	2	2012
NM	Luna	DSEC	OP	Solar Photovoltale	PV	Electric Utility Electric Utility	1 1	5.0	5.0	5.0 5.0	8	2011
NM	San Miguel	LVSEC	OP	Solar Photovoltaic	PV	Electric Utility	1	5.0	5.0	5,0	11	2011
NM	Otero	AGSEC	OP	Solar Photovoltaic	PV	Electric Utility	1	5.0	4.9	4.9	10	2011
NM	Dona Ana	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	В	2011
CA	Sacramento	KAM1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	1	2012
CA	Sacramento	KAM2	OP	Solar Photovoltale	PV	IPP Non-CHP	2	5.0	5.0	5.0	2	2012
CA	Sacramento	КАМЗ	OP	Solar Photovoltaic	PV	IPP Non-CHP	_2	5.0	5.0	5.0	2	2012
CA	Sacramento	BRU1	OP	Solar Photovoltaic	₽V	IPP Non-CHP	2	5.0	5.0	5.0	1	2012
CA	Sacramento	BRU2	OP	Solar Photovoltaic	PV	IPP Non-CKP	2	5.0	5.0	5.0	2	2012
CA	Sacramento	BRU3	OP.	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	2	2012
CA	Sacramento	MCK1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2012
CA	Sacramento Sacramento	MCK2 MCK3	OP OP	Solar Photovotale	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2012
CA	Sacramento	MCK4	OP	Solar Photovoltaic Solar Photovoltaic	PV	IPP Non-CHP	2	5.0 5.0	5.0 5.0	5.0	11	2012
CA	Sacramento	MCK5	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0 5.0	5.0 5.0	11	2012 2012
CA	Secramento	MCK8	OP.	Solar Photovoltale	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2012
TX	Вехаг	2	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	7	2012
PA	Lancuster	KSTN	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2012
HI	Honolulu	KA62	OP	Solar Photovoltale	PV	IPP Non-CHP	2	5.0	5,0	5.0	12 1	2012
NC	Robeson	SROB	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	4.9	4,9	6	2012
NC	Hoke	RAEF	OP	Sofar Photovoltaic	PV	IPP Non-CHP	2	5.0	4.9	4.9	12	2012
MA	Worcester	1	QР	Solar Photovoltaic	.PV	IPP Non-CHP	2	5.0	5.0	5.0	5	2014
MA	Worcester	11	OР	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	5	2014
MA	Bristol	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	. 2	5.0	5.0	5.0	3	2015
NC	Columbus	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2012
NC	Davie	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2012
NC	Catawba	1	OР	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2012
NC	Robeson	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5,0	5.0	5.0	10	2012
NC	Robeson		OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	7	2012
NC	Robeson	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	10	2012
NC NC	Lincoln	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2013
NC NC	Lenoir Lenoir	1 1	OP OP	Solar Photovoltaic	PV PV	IPP Non-CHP	2	5.0	5.0	5.0	7	2013
NC NC	Union	1	OP	Solar Photovoltaic Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0 5.0	5.0	· 6	2013
NC	Durham	1	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0 5.0	10 B	2013
NC	Rockingham		OP	Solar Photovoltaic	PV	IPP Non-CHP	2	, 5.0	5.0	5.0	12	2019
NC	Wayne	- i -	OP.	Solar Photovoltaic	FV	IPP Non-CHP	2	5.0	5.0	5.0	9	2013
NC	Craven	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	4	2014
NC	Person	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	4	2014
NC	Orange	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2013
NC	Wilson	1	OP	Solar Photovollaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	7	2013
NC	Caswell	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2013
NC	Wayne	1_	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5,0	5,0	5,0	6	2013
NC	Wayne	1	OP	Solar Photovotaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	5	2013
NC	Rockingham	1	OP	Solar Photovoltaic ,	PV	1PP Non-CHP	2	5.0	5.0	5.0	3	2013
· NC	Richmond	1	QP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	5	2013
NC	Catawba	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	3	2013
	Warren	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5,0	5.0	5.0	7	2013
NC	Robeson	1	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2013
CA	San Bernardino San Bernardino	1	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0 5.0	5.0 5.0	5.0	6	2015 2015
NC	Washington	1	OP OP	Solar Photovoltale	PV	IPP Non-CHP	2	5.0	5.0	3.0	9	2013
CA	Kern	RIQ	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	6.0	5.0	12	2012
CT	Tolland	1	OP.	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2013
	Gloucester	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.D	5,0	5,0	3	2011
	Honelulu	KREP	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	1	2014
	Montgomery	BISCO	OP	Solar Photovollaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2014
NC	Johnston	SELMA	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2014
	Robeson	TURKY	QΡ	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2014
	Gates	GATES	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2015
	Franklin	CIRRU	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2014
	Beaufort	СНОСО	œ	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2014
	Rutherford	PV1	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2015
	Alamance	PV1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	10	2015
NC NC	Catawba Catawba	PV1 PV1	OP OP	Solar Photovoltaic Solar Photovoltaic	PV	IPP Non-CHP	2	5.0 5.0	5.0 5.0	5.0 5.0	11	2015
	Los Angeles	LOFRB	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2015
	Beaufort	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2013
	Lenoir	ASC1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2013
	Nash	BSC1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2014
	Pitt	FSC1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2014
	Pitt	LSC1	OP	Solar Photovoltaic	PV	JPP Non-CHP	2	5.0	5.0	5.0	12	2015
	Pttt	RHSC1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2014
	Wilson	USC1	OP	Solar Photovoltale	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2014
	Catawba	PV1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	10	2015
	Plma	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2012
	Pitt	1 1	OP	Solar Photovoltaic	PV	(PP Non-CHP	2	5.0	5.0	5.0	12	2014
	Beaufort	1	OP	Solar Photovoltale	PV	IPP Non-CHP	2	5.0	5.0	5.0	2	2014
	Beaufort		OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.D	12	2013
	Bertle		OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	8	2015
	Scotland	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2014
	Columbus	1	OP OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0 5.0	5.0	12	2013
	Nash Nash	1	OP OP	Solar Photovoltaic Solar Photovoltaic	PV	IPP Non-CHP	2	5.0 5.0	5.0	5.0 5.0	11 8	2013 2014
	Robeson	1	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	11	2013
	Hamett	- i -	OP OP	Solar Photovotaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	9	2014
									7	-1.0	-	

2012	15	6.4	6.p	0.8	Z	ISS Mor⊬CHS	۸ď	Solat Photovolasic	90	MOR	Ribinan3	NC N
5016	6	8.≱	87	0.8	2	IPP Non-CHP	Λď	Solar Pholovoltaic	dО	ats	Cleveland	NC
SLOZ	l l l	6'1	87	0'9	7	IPP Non-CHP	Λd	Solar Photovoltaic	90	ВОСК	ысриола	אכ
2015	11	6.4	6′⊅	0.8	2	IPP Non-CHP	Λd	Solar Photovotatic	90	900BN	noln'i	NC
2012		0.8	0.8	0,8	2	лър мол-снр	۸d	Solar Photovoltaic	90	TRBJA	nilquQ	NC
2014	12	0.8	0.2	0.8	Z	ІЬЬ ИОТ-СНЬ	Λd	Solar Photovoffaic	90	СНОСО	Beaufort	NC
2015	9	0.8	0'S	20	7	пРР №лсиР	Λd	Solat Photovoltaic	90	11A8	увар	NC
2012	10	0.2	0.2	0.8	z	155 ИОТ-СНЪ	Λd	Solar Photovolaic	40	INUS	Gates	ON.
S10Z	8	0.8	0.8	5.0	Z	трР Мол-СНР	Λd	Solar Photovotaic	dО	ខេរ។	Scotland	ON
2015	8	0.2	0'5	0.8	2	1РР Мол-СНР	Λd	Solar Photovoltaic	90	ISTE	revolr.	ON
5012	15	0.8	0'9	ors	z	прр иол-сир	Λd	Solat Photovoltaic	90	9158	997	ON
5016	15	67	5°P	0.8	z	IPP Non-CHP	Λd	Solat Photovotalic	90	2673	987	ON
\$102	L	0.8	0.8	0.8	z	IPP Non-CHP	Λd	Solar Photovoltalc	'40	i	Vorcester	AM
\$10Z	· zī	6'5 .	8°Þ	0.8	7	IPP Non-CHP	Λd	Solar Photovoltale	40	BRDWY	Собитрия	DN
¥10Z	ZI.	6°Þ.	67₽	0.8	2	IPP Non-CHP	Λd	Solat Photovoitale	50	ARTAK	noslivy	NC N
2014	15	6.4	8.1	0.8	ž	IPP Non-CHP	V-	Solat Photovotale	. 40	THE	петтеМ	ON
2012	21	0.2	0.2	20	z	IPP Non-CHP	Λd	Solat Photovoltaic	90	CSB	Fresno	A3
SIOZ	15	6.4	6°Þ	0.2	2	IPP Non-CHP	Λd	Solar Photovoltain	40	SOCEN	Granville	
910Z	11	6.4	6°Þ	0.8							nilquQ	
SOS	9	0.2	0.8	0.8	2	Ibb Morchb	Λd	Solar Photovotaic	40	LNES	Wayne	ON
						LPP Non-CHP	Λd	Solar Photovotaic	40	1874		DN .
5012	6	0.8	0.8	0'5	2 "	IPP Non-CHP	Λd	Solat Photovotale	40	RVOVH	пофрийна	_w_
2019	<u> </u>	0.2	019	0'9	. 2	IPP Non-CHP	Vq	Solat Photovotaic	dO	1873	Двисе	ON
2015	9	0.8	0.8	0.8	Z	GPP Non-CHP	۸d	Selfar Photovotale	90	FLS1	Увлсе	ON
2019	8	0.4	0.8	0.8	5	はらしし はらり はんり	Λd	Solar Photovoitaic	dО	FLS1	Коресол	אכ
\$102	8	0.8	0.8	970	5	TPP Non-CHP	Λd	Solat Photovotalc	dO	I/V4	1a briskal A	NC NC
SOIS	ZI.	0.8	0'9	0'9	Z	IPP Non-CHP	Λd	Solat Photovofaic	40	IAd	nilquO	_
2014	15	0.8	0.8	0'9	. 2	にわら からし こうしょ	Λd	sisilovntoriq usiog	dО	IAd	Orange	ON
5019	15	0.8	0.8	5.0	2	EPP Non-CHP	Λd	Solar Photovoltaic	40	1Ad	Spany	ON
2012	15	0'9	0'5	0°S	2	dHO≃CH5	Λd	Solat Photovotaic	ЧО	IAd	Bladen	ИC
5014	15	0.8	2.0	5.0	Z	TPP Non-CHP	Λd	Solat Photovoltale	dО	ΙΛd	Cleyeland) NC
5016	8	0.8	0.3	0.2	7	TPP Non-CHP	Λd	Solat Photovoltale	40	ΙΛd	BrooM	אכ
2014	Ð	0.8	0.8	0.8	7	IPP Non-CHP	۸ď	oistlevotoriq isles	ВО	lΛd	Scotland	ИС
2014	15	0.8	2.0	0'\$	Z	IPP Non-CHP	Λd	Solat Photovolaic	dО	ΙΛd	renoir	NC
2019	þ	0.8	0.8	0.2	Z	(PP Non-CHP	Λd	Solat Photovollaic	dО	EVERT	niheM	УC
2012		0.8	0.8	0.8	Z	CPP Non-CHP	Λd	Solat Photovoltaic	40	4CAKS	notandol)NC
2016	Ž	9.0	0.8	0.2	z	IPP Non-CHP	Λd	Solar Photovollaic	90	РВСТИ	notandol	NC
2015	1S	0.8	0.8	0'9	Z	прр иол-сир	Λd	Solar Photovoltaic	90	VRJTJ	Капфоірћ	NC
2012	12	0.8	0.2	0.2	z	TPP Non-CHP	Λď	Solat Photovoltaic	90	I/VI	уувшел	ON
2012	8	0.3	0.2	0.2	z	IPP Non-CHP	Vq	Solar Photovotatic	90	IV9.	CIBARD	NC
5002	l i	0.8	0.8	0.8	z	IPP Non-CHP	Λd	Solar Photovotoria	40	PV1	4 Anno	ON.
2012	ı	0.8	0.2	0.2	z	IPP Non-CHP	Λď	Solar Photovotatic	90	OHTIN	notanriol	ON
5012		0.8	0.8	0.8	z	IPP Non-CHP	Λd	Solar Photovoltaic	90	HASIAS	Franklin	ON
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2016	71	0.8	0.8	0.8	7	IPP Non-CHP	Λď	Solat Photovoltaic Solat Photovoltaic	40	JECHb JECHb	Prints Craven	DN_
2012	ZI	0.6			- 2	IPP Non-CHP	Λd		90			ZV
2011	15	0.8	970	0.8	Z	ІРР Мол-СНР	Λd	Solar Photovoltaic	40	СВУУИВ	Middlesex	LN
5012	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.8	0.8	0'S	z	IPP Non-CHP	Λd	Solar Photovoltaic	40	I-EM	Clark	AN
Sros	11	0.2	0.8	0'5	z	IPP Non-CHP	Λd	Solar Photovoltaic	d0_	_DOWN1_	риодиен	
5012	9	0.8	0°S	20	2	PP Non-CHP	Λd	sieflovotofiq talog	90	ISMT	Perquimens	ON .
5012	8	0.8	0.2	0.8	2	ІБР Мол-СНР	Λd	Solar Photovoltaic	40	GK21	enemiupia99	I ON
2014	6	0,8	0.2	0.8	ζ,	122 仏の一の光か	Λd	Solat Photovoitale	_d0_	2HE01	XeselbbiM	AM
2015	Zi	0.8	0.8	0.8	Z	IPP Non-CHP	Λd	oistfovotor(9 tslo8	ನ೦	RLSMO	Ивтер	-
5012	15	0.8	0.8	6.0	_ Z	IPP Non-CHP	۸d	Solar Photovorsic	40	HH21	Wayne	NC N
5012	l l	0.2	0.8	5.0	7	пРР иол-сир	Ad	Solat Photovolaic	90	INDBN	រាល់ពួកពិរបG	LM
2015	10	0.3	0.8	0,8	z	□PP Non-CHP	Λd	Solat Photovotalc	40	STITUS	Moffue	٨N
2014	15_	2.0	0.8	ors	2	пре кол-сир	Λd	Solar Photovotaic	ďD	วหา	Los Argeles	CA
201¢	6	0.2	0.2	970	2	ІРР Мол-СНР	Λd	Solar Photovotaic	ďO	4	nabala	NC NC
2014	9	0.8	0.8	5.0	7	(PP Non-CHP	Λd	Solar Photovotalc	40	ŀ	nazymsð	ON
\$102	6	0.2	0'9	0.8	Z	PP Non-CHP	Λd	Solar Photovoltaic	4O	ΙΛd	ոգենոյիսե	Ľ.
2014	Zi.	0.2	0.8	0.8	2	IPP Non-CHP	Λd	Solat Photovotale	40	AdMMS	nihaM	ON
2014	12	0.8	0.8	0.6	z	прр мол-сир	Λd	Solat Photovoltaic	ďО	Adams	Bertie	
2012	13	0.8	0'9	0.8	z	ПРР Мол-СИР	Λd	Solar Photovoltaic	40	VGVVNR	#14	ON
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\$10Z	12 12 15	0'S 0'S 0'S	0.2 0.2 0.8 5.0	2.0 5.0 5.0 5.0	2 2 2 2	1PP Non-CHP 1PP Non-CHP 1PP Non-CHP	Ad Ad Ad	Solar Photovokalic Solar Photovokalic Solar Photovokalic Solar Photovokalic	00 00 00 00	HRC 1 BEC1 CIR1	Cumbertand Wilson Espoir	NC NC NC
2014 2014 2012	21 21 21	0.2 0.2 0.2	0.2 0.2 0.2 0.2	0'S 0'S 0'S	2 2 2 2	(PP Non-CHP (PP No	Ad Ad Ad Ad	Solat Photovo fiaio Solat Photovo faio Solat Photovo faio Solat Photovo faio Solat Photovo faio	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	HEC 1 DECI DECI BEVD1	Herdord Cumbertand Richmond Wilson Lenoir	NC NC NC NC
2014 2012 2012 2012	Z1 Z1 Z1 Z1 Z1	0.8 0.8 0.8 0.8	0.8 0.8 0.8 0.8 0.8	0.2 0.2 0.2 0.2 0.3	2 2 2 2 2	(PP Non-CHP) (PP Non-CHP) (PP Non-CHP) (PP Non-CHP) (PP Non-CHP)	Ad Ad Ad Ad Ad	altifovation(1 tab)2 altifovation(1 tab)2 altifovation(1 tab)2 altifovation(1 tab)2 altifovation(1 tab)2 altifovation(1 tab)2 altifovation(1 tab)2	0 0 0 0 0 0 0 0	THOR! BRAD! PEC1 LNG1 LNG1 HSC 1	Greene Herdord Cumberkand Richmond Misen Lenoir	NC NC NC NC NC NC
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2014 2012 2012 2012 2013 2014	Z1 Z1 Z1 11 E	0.2 0.2 0.2 0.3 0.2	0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.8 0.8 0.8 0.8 0.8 0.8 0.8	2 2 2 2 2 3	Ibb Mou-CHb	\(\rm Ad \) \(\rm	Solat Photovotale	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	HRC 1 FECT CIRT BRADT THORE	Davie Mash Gumbertand Gumbertand Richmond Richmond	0N 0N 0N 0N 0N 0N
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2014 2015 2016 2016 2017 2017 2017 2014 2014	21 21 21 21 21 21	0'S 0'S 0'S 0'S 0'S 0'S 0'S 0'S	0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	Z Z Z Z Z Z	Пъв Иои-СНЬ	Ad Ad Ad Ad Ad Ad Ad Ad	Solat Photovolation	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HEC I FROM LHOUSE LHOUS	Ceswoll Davie Davie Davie Davie Cumbetand Herdord Witchmond	0N 0N 0N 0N 0N 0N 0N 0N
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2016 2016 2016 2017 2017 2018 2018 2018 2018 2018 2018 2018	21 21 21 21 21 21 21	0'S 0'S 0'S 0'S 0'S 0'S 0'S 0'S 0'S 0'S	0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	하는 사이스(나는 이 나는 사이스(나는 사))))) () () () () () () () () () () () (Ad A	alestovatoria tako alestovatoria	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	HEC I FROM LHOBE LHOBE LHOBE LHOBE LHOBE LL	resoin Misou Misou Compousur Heigor Graphs Grash	0N 0N 0N 0N 0N 0N 0N 0N 0N 0N
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102 103 104 105 105 105 105 105 105 105 105	Z1 Z1 Z1 Z1 Z1 C1 C F G Z1 Z1 Z1 Z1 Z1 Z1 Z1 Z1 Z1 Z1 Z1 Z1 Z1	0'S	9.5 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	The Mon-Chib	Ad A	oinforcion(a) take? Jefforcion(a) take?	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	HRC 1 FINGE	Can Diego During San Diego San Diego San Diego San Diego Coathan Coath	04 04 05 06 06 06 06 06 06 06 06 06 06
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102 102 103 104 105	Z1 Z1 Z1 Z1 Z1 Z1 E E E E E Z1 C1 C1 C1 C2 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1	0'S	0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	05 05 05 05 05 05 05 05 05 05 05 05 05 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DE MOUCHE DE MOU	Ad A	olaflovoloid[1 lab3]	40 40 40 40 40 40 40 40 40 40 40 40 40 4	PRC 1	Lenoin Lenoin Maken Maken Cumperland Maken Ma	000 000 000 000 000 000 000 000 000 00
102 102 103 104 105	Z1 Z	0'S	0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	09 09 09 09 09 09 09 09 09 09 09 09 09 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	In Monching	Ad A	oistavoiniq tainoż olstavoiniq tainoż olstavoiniq tainoż olstavoiniq tainoż oistavoiniq tainoż oistavoiniq tainoż olstavoiniq tainoż	40 40 40 40 40 40 40 40 40 40 40 40 40 4	H2C 1	Lenoir Lenoir Mison Mison Cumporary Marph Graph Moste Moore Moo	000 000 000 000 000 000 000 000 000 00

								Namepiate	Summer	Winter		
					Prime			Capacity	Capacity	Capacity	Operating	Operating
State	County	Generator ID	Status	Technology	Mover	Sector Name	Sector	(MW)	(MW)	(MW)	Month	Year
NC	Duplin	CED	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	4.9	4.9	11	2015
NC	Lee	ETW	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5,0	4.9	4.9	12	2015
NC	Edgecombe	CON15	OP.	Solar Photovoltalc	PV	IPP Non-CHP ,	2	6.0	5.0	5.0	12	2015
NC	Gates	SRS15	OP	Solar Photovoltaic	PV	IPP Non-CHP	2	5.0	5.0	5.0	12	2015

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5 MW Projects Per State (2010 – 2015)

State	# of 5 MW Projects
AZ	3
CA	21
CT	1
HI	2
MA	6
NM	5
NC	135
NJ	5
NV	1
NY	1
OR	1
PA	1
TX	1