



Mrs. Geneva S. Thigpen, Chief Clerk North Carolina Utilities Commission 4325 Mail Service Center

FILED

RE: Request for Approval of Optional Meter-Related Programs
NCUC Docket No. E-2, Sub 834

Clork's Office
N.C. Utilities Commission

Enclosed for filing with the North Carolina Utilities Commission are an original and thirty-two
(32) copies of a request by Carolina Power & Light Company d/b/a Progress Energy Carolinas,
Inc. (hereinafter "PEC") to offer certain optional meter-related programs. These programs are
desired by a limited number of customers to enhance their conservation, load management and
cost containment efforts.

The TotalMeter program offers remote automated meter reading primarily for customers
preferring that a Company representative not visit their premise each month to read the electric
meter. It is available to both residential and non-residential accounts for a monthly charge that
varies depending upon whether the customer chooses to provide a telephone communications
line or requests the Company furnish and use wireless communications. The program requires
execution of an Application and requires a 2-year commitment.

2PS ENRITH second program is Energy Profiler Online™ and offers a non-residential customer
Internet-based access to historic 15-minute interval consumption data. Provision of EPO™
requires that the standard meter for the customer's electrical requirement based have the conschibition of

Internet-based access to historic 15-minute interval consumption data. Provision of EPO™ requires that the standard meter for the customer's electrical requirement have the capability of recording consumption on a 15-minute interval basis. Access to EPO™ meter data is both identification/name and password restricted to ensure access by only the customer. A set-up fee and monthly charge per meter apply.

The final program involves customer-access to Company meters for use with a non-residential customer's "meter reading" software. Customers must execute an Application and agree to a minimum of a 2-year commitment. The meter must have interval and remote automated meter reading capabilities and the customer must provide a dedicated direct-dial telephone communication line to the Company's meter at no cost to the Company. The Company will furnish summary meter data and passwords to support customer-access to the Company meter. If additional support is required, the customer will be charged on a per hour basis at the Company's normal billing rates. A set-up fee and monthly charge per meter apply.

These programs are available to non-residential customers even if their standard meter doesn't

have remote read or interval-data capability. The meter will be upgraded to include these features for a monthly rate and other charges depending upon the meter program being requested. The minimum term to acquire non-standard metering is 2 years.

A tariff describing each program and the related monthly and other charges is attached as Exhibit No. 1. Attached as Exhibit Nos. 2 and 3, respectively, are copies of the Application for TotalMeter and the Application for Customer Remote Access of Metering that are being filed pursuant to Commission Rule R8-25(a). The Commission's prompt attention to this matter is appreciated.

Very truly yours,

Len S. Anthony

Manager – Regulatory Affairs

Progress Energy

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919-546-6367

#### Attachments:

cc: Antoinette R. Wike, Chief Counsel, NCUC Public Staff

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#### METER-RELATED OPTIONAL PROGRAMS

### **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 Residential TotalMeter Option 1: Customer-supplied suitable telephone communications line Option 2: Company-supplied telephone communications line	\$5.10 \$15.90
Monthly Rate for Non-Residential TotalMeter Option 1: Customer-supplied suitable telephone communications line Option 2: Company-supplied telephone communications line	\$5.60 \$18.10
Charge for Customer-requested termination of TotalMeter Option prior to 24 consecutive months of service	\$50.00

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<sup>TM</sup> (EPO<sup>TM</sup>) program is available to any non-residential customer with a registered or contract demand of 30 kW or greater. EPO<sup>TM</sup> 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<sup>TM</sup> are as follows:

Monthly Rate for EPO™ with Monthly Updates Monthly rate for meter data per individual meter Monthly rate for totalized meter data only	\$25.00 per meter \$35.00 per totalized account
Set-up fee per meter	\$50.00
Set-up fee for totalized meter data only	\$50.00

Provision of EPO<sup>TM</sup> 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 IV below, will apply if the standard meter based upon customer's electrical requirement does not have interval data capability.

## III. CUSTOMER REMOTE ACCESS TO COMPANY METER(S)

Upon execution of an Application, Company will allow a non-residential customer with a registered or contract demand of 30 kW or greater to remotely access Company's meter(s) serving Customer for the purpose of retrieving meter data on a "read-only" basis at times and frequencies specified by Company. Such meter must be capable of recording electrical consumption information on a 15-minute interval basis and must be capable of being read remotely. Customer must supply and make available for Company use a suitable direct-dial telephone communication line installed to Company specifications, readily accessible at Company's meter, at no cost to Company.

Rates for Customer Remote Access to Company's Meter	
Monthly Rate for Customer Access	\$13.25 per meter
Set-up Fee to Establish Service (contracts less than 500 kW)	\$90.00 per meter
Set-up Fee to Establish Service (contracts 500 kW or greater)	\$130.00 per meter

Charge for Customer-requested termination of Meter-Access
Option prior to 24 consecutive months of service \$65.00 per meter

Company will provide summary meter data and passwords to support Customer-access to Company's meters using Customer's software. If Customer requests support in resolving problems reading Company meters, beyond a request for the basic specifications related to Company's meter, Customer shall be charged for all cost incurred.

# IV. 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	\$1.20 per month
The following fees apply when the non-standard meter will not be remotely read:	
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Meter Set-up Fee \$13.50 Meter Exchange Fee \$35.00

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.

Effective on and after	_, 2003
NCUC Docket No. E-2, Sub 834	

Application for TotalMeter
(NOTE: Application is to be detached from a brochure, completed by the customer and mailed to Company)

How do I sign up?
Just complete or check the appropriate boxes below. Detach this flap and put it in the mail. CP&L will install your new TotalMeter within two weeks and will notify you after the installation is complete.
Name:
Address:
Daytime Phone:
CP&L Account Number:(available on your bill)
Please select a monthly meter reading date:
Remember, after you select a date, it must remain the same each month. If you do not select a date, your existing schedule will remain in place.
Account Type:ResidentialCommercial
Yes, I'd like to sign up for CP&L's Automated Meter Reading program. I understand that I am signing up for a two-year commitment with a \$50 termination fee should I choose to leave the program before the end of the two years. CP&L has the right to access the meter and other facilities at my property to install and repair equipment whenever necessary.
Yes, I will provide CP&L access to my phone line. I understand that the monthly charge for residential customers will be \$5.10 and this will be added each month to my bill. Commercial customers will be charged \$5.60 per month.
No, CP&L cannot use my telephone line, but I still want to participate in TotalMeter. I understand that charges for wireless service will be \$15.90 per month for a residential account and \$18.10 per month for a commercial account.
Note: CP&L will inform you if monthly charges are ever revised.

## **Application for Customer Remote Access of Metering**

- 1. The undersigned, hereinafter referred to as "Customer", hereby applies to Carolina Power & Light Company d/b/a Progress Energy Carolinas, Inc., hereinafter referred to as "Company", to subscribe to Company's Customer Remote Access Program.
- 2. Under the terms of this Agreement, Company will make available to Customer, read-only access to Customer's energy usage data as recorded by Company's energy revenue meter(s). Data recorded by said meter(s) will be compatible with MV-90 data acquisition software.
  - a. Customer must provide and maintain, at no charge to Company, an operational hard-wired telephone line at the location of each meter to be accessed. Company may, at its discretion, visit Customer's site to direct the installation of the phone line(s) at the connection point of the meter(s) of interest.
  - b. With password provided by Company, Customer may interrogate the meter(s) via telephone dialup 24 hours a day, 7 days a week, with the exception of certain times, as agreed upon by Customer and Company. During those excluded times, Company will have the right to interrogate Customer's meter(s) for its monthly billing and maintenance activities.
  - c. It is generally understood that Customer may employ the use of 3<sup>rd</sup> party meter reading services to interrogate meter(s) under this program. Company does not warrant, and cannot be held responsible for the accuracy of data collected on the part of any parties other than Company, beyond what is provided in Item 3, below.
  - d. Customer must provide Company with contact information of any entities that will be employed to interrogate meter(s) under this program, whether employed directly by Customer or by 3<sup>rd</sup> party application providers. Customer must notify Company in the event of any changes to this information, as passwords will be reset for the protection of Customer and Company.
  - e. It is generally understood that Customer will utilize Customer Remote Access to enable Customer's energy management initiatives, whether installed by Customer or by 3<sup>rd</sup> party providers. Company does not warrant, and cannot be held responsible for the accuracy of any reports, recommendations, energy bill estimates, or other information provided by such applications.
- 3. Company will ensure that proper metering hardware (including necessary phone modems or other communication equipment) is in place and maintained at the site of Customer's customary service entrance(s) where access is requested. Additional sub-metering equipment, if requested by the Customer, may be installed at the discretion of Company for an additional charge. All such meters and related equipment remain the property of Company.
  - a. Company warrants that its metering hardware and communication equipment will function properly and deliver the requested data to the connection point of the hard-wired telephone line. Maintenance and troubleshooting of these particular items, as necessary, are included under the terms of this agreement.
  - b. Data provided will be in raw format and Company is not responsible for reconciling occasional missed intervals or other non-critical anomalies to Customer.
  - c. Company does not warrant, and cannot be held responsible for, the performance of Customer-installed telephone equipment, software, hardware, or other items not included in Item 2.a, above. Customer accepts responsibility and liability for any damage to Company property as a result of Customer's use of energy management applications not provided by Company. Maintenance and troubleshooting beyond the immediate scope of this agreement may be made available, at the discretion of Company, at standard service call rates.

4. The term of this Agreement shall begin on \_\_\_\_\_\_, 2003, but no later than the date Company installs metering facilities necessary to provide Customer Remote Access, and shall continue for a period of 24 months and shall automatically extend thereafter for a successive period or periods of 12 months each, provided that either party may terminate this Agreement by giving written notice thereof not less than 30 days of its intention to terminate the same. A termination fee shall apply should Customer discontinue program prior to an initial term of 24 months. 5. Each meter receiving Customer Remote Access shall be considered as one subscription, and shall be billed as follows: a) An aggregated, one-time set up fee for each subscription will be charged to activate the program and shall appear as a line item on Customer's first month's bill. b) An aggregated, monthly charge for each subscription shall appear as a line item on Customer's first and subsequent monthly bills and continue for the duration of the subscription. c) All payments are due on the same payment schedule as Customer's electric service. 6. Customer agrees that Company makes the Customer Remote Access program available on the condition that Customer agrees to indemnify & hold Company harmless from and against any and all liability for loss, damage to property, injury or death to persons directly or indirectly connected with Customer Remote Access, unless such loss, damage, injury or death is the direct result of the gross negligence of Company. Under no circumstances shall Company be liable for consequential, incidental, special or punitive damages. 7. The rates, terms and conditions of the Customer Remote Access program are subject to change, revision, alteration, or substitution either in whole or in part, made at any time or from time to time by order or approval of the State regulatory commission having jurisdiction, and any change, revision, alteration, or substitution shall immediately become effective as a part of this Agreement. 8. In the event Customer defaults in payment of bills for the Customer Remote Access program and by reason therefore the program is discontinued, such discontinuation shall not be a abrogation of this

Agreement and Customer shall not be relieved of the obligation to pay the fees and charges

hereunder.

Customer

By: \_\_\_\_\_\_\_ Title: \_\_\_\_\_

Meter Description or Location \_\_\_\_\_