

FILF.

BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO

Application Not for an Increase in Rates  
Pursuant to Section 4909.18 Revised Code

In the Matter of the Application of )  
Columbus Southern Power Company to )  
Establish New Experimental Real-Time )  
Pricing Schedule for Residential )  
Customers Participating in the )  
gridSMART® Program. )

Case No. 11-1355-EL-ATA

PUCO

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1. APPLICANT RESPECTFULLY PROPOSES: (Check applicable proposals)

- ☐ New Service ☐ Change in Rule or Regulation  
☐ New Classification ☐ Reduction in Rates  
☐ Change in Classification ☐ Correction of Error  
☒ Other, not involving increase in rates  
☐ Various related and unrelated textual revision, without change in intent

2. DESCRIPTION OF PROPOSAL:

Columbus Southern Power Company seeks to add real-time pricing service for customers participating in the gridSMART® program.

3. TARIFFS AFFECTED: (If more than 2, use additional sheets)

**Columbus Southern Power Company**

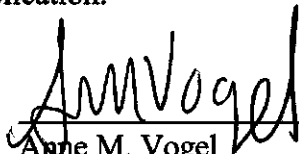
P.U.C.O. No. 7

Tariff Title

SCHEDULE RS-RTP(Experimental Residential Real-Time Pricing Service)

Sheets No. 18-1 to 18-3

4. Attached hereto and made a part hereof are: (Check applicable Exhibits)
- \_\_\_\_ Exhibit A - existing schedule sheets (to be superseded) if applicable
- X   Exhibit B-1 Clean copies of proposed schedule sheets
- \_\_\_\_ Exhibit B-2 Redlined copies of proposed schedule sheets
- \_\_\_\_ Exhibit C-1
- (a) if new service is proposed, describe:
- (b) if new equipment is involved, describe (preferably with a picture, brochure, etc.) and where appropriate, a statement distinguishing proposed service from existing services;
- (c) If proposal results from customer requests, so state, giving if available, the number and type of customers requesting proposed service.
- \_\_\_\_ Exhibit C-2 - if a change of classification, rule or regulation is proposed, a statement explaining reason for change
- X   Exhibit C-3 - statement explaining reason for any proposal not covered in Exhibits C-1 or C-2
5. This application will not result in an increase in rates, joint rates, tolls, classifications, charges or rentals.
6. The Company requests that the Commission permit the filing of the rate schedules shown in Exhibit B-1 to this application, to become effective on the date identified in Exhibit C-3 to this Application.

  
\_\_\_\_\_  
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American Electric Power Service Corp.  
1 Riverside Plaza  
Columbus, Ohio 43215  
614-716-2936

Counsel for Columbus Southern Power  
Company

**SCHEDULE RS - RTP**  
(Experimental Residential Real-Time Pricing Service)

Availability of Service

Available to individual residential customers on a voluntary, experimental basis for electric service through one single-phase, multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is restricted to customers served by the circuits designated for the Company's gridSMART® pilot program. This tariff will be in effect for a minimum of one (1) year. Schedule RS-RTP will be marketed as the SMART Choice<sup>SM</sup> program.

For non-owner occupied multi-family dwellings, the Company may require permission from the owner to install auxiliary communicating equipment. Customers will not be eligible for this schedule if the owner does not allow installation of auxiliary communicating equipment.

This schedule is not available to customers currently taking service under Schedule R-R-1 or the PIPP Plus program.

Service under this schedule is limited based upon the availability of smart demand response control devices. The Company plans to have no more than 1,000 smart demand response control devices by the end of calendar year 2011. At the Company's option, this Schedule may be made available to additional customers. Upon request by the Company and approval by the Commission in a future filing, additional customers may be responsible for the Commission-approved cost of the smart demand response control device.

Smart demand response control devices allow customers to automatically adjust their energy usage in response to real-time prices based on customer established preferences.

Real-time Rate (Schedule Code XXX)

	Generation	Distribution
Customer Charge (\$)	—	4.52
Fixed Energy Charge	15.00	—
Variable Energy Charge (¢ per KWH):		
Summer (June – September)	100% x RTP x Scalar	2.98899
Winter (October – May)		
First 800 kWh	85.5% x RTP x Scalar	2.98899
Over 800 kWh	85.5% x RTP x Scalar	0.57028

RTP = Auction Clearing Real-Time Price

Scalar = \$44.25 per MWh / Average Locational Marginal Price of energy as provided by the PJM Market for previous three (3) calendar months

The generation variable energy charge will not fall below 0¢ per kWh.

Minimum Charge

The minimum monthly charge shall be the Customer Charge.

(Continued on Sheet No. 18-2)

Filed pursuant to Order dated \_\_\_\_\_, 2011 in Case No. 10-XXX-EL-ATA

Issued: \_\_\_\_\_, 2011

Effective: \_\_\_\_\_ 2011

Issued by  
Joseph Hamrock, President  
AEP Ohio

**SCHEDULE RS - RTP**  
**(Experimental Residential Real-Time Pricing Service)**

**Payment**

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

**Applicable Riders**

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders:

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Transmission Cost Recovery Rider	75-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART <sup>SM</sup> Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

**Equipment**

The Company will furnish and install, in the customer's presence, one or more smart demand response control devices and, if necessary, one or more auxiliary communicating devices inside the customer's premises. All equipment will be owned and maintained by the Company until such time as the experimental real-time price program is discontinued or the customer requests to be removed from the program after completing the initial trial period of one (1) year.

The Company will not be required to install the smart demand response devices if the installation can not be justified for reasons such as: technological limitations, safety concerns, or abnormal utilization of equipment, including vacation or other limited occupancy residences.

Should the customer lose or damage the smart demand device(s) and/or auxiliary communicating equipment, the customer will be responsible for the cost of repairing or replacing the device(s). If the device(s) malfunctions through no fault of the customer, the Company will replace or repair the device(s) at its expense.

(Continued on Sheet No. 18-3)

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SCHEDULE RS - RTP  
(Experimental Residential Real-Time Pricing Service)

The Company and its authorized agents will be permitted access to the customer's premises during normal business hours in the customer's presence to install, inspect, test, or maintain the smart demand response control device(s) and / or auxiliary communicating equipment. The Company will also be allowed access to the customer's premises to repair or remove faulty smart demand response control device(s).

Term of Contract

Annual. Customers selecting this schedule must take service under this schedule for a minimum of one (1) year. A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is intended for single phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

At the end of the initial one (1) year trial period under the Schedule, the customer will be held harmless from charges in excess of the energy charges they would have incurred under the otherwise applicable service schedule. After the one (1) year trial period, the customer will be required to pay the actual energy charges incurred under this Schedule.

The Company shall collect data during the course of this experiment. Customer-specific information will be held as confidential and data presented in any analysis will protect the identity of the individual customer.

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AEP Ohio

## **EXHIBIT C-3**

### Explanation for Proposed Tariff Changes

This is a new voluntary, experimental pricing program for residential customers of Columbus Southern Power Company served by the circuits designated for the gridSMART® program. CSP requests that Schedule RS-RTP become effective on or before April 30, 2011.