

January 13, 2011

Ms. Renee J Jenkins
Secretary of the Commission
Public Utilities Commission of Ohio
180 East Broad Street
Columbus Ohio 43215-3793

**Re: PUCO Case Nos. 10-424-EL-ATA
89-6003-EL-TRF**

Matthew J. Satterwhite
Senior Counsel –
(614) 716-1915 (P)
(614) 716-2014 (F)
mjsatterwhite@aep.com

Dear Ms. Jenkins:

In response to the Finding and Order of December 1, 2010, in Commission Case No. 10-424-EL-ATA, approving tariff provisions related to gridSMART offerings, please file the attached tariffs on behalf of Columbus Southern Power Company. These tariffs are effective immediately for billing on January 14, 2011.

Please file one copy of the tariffs in Case No. 10-424-EL-ATA, one copy of the tariffs in Case No. 89-6003-EL-TRF, and please also distribute two copies to the Rates and Tariffs, Energy and Water Division of the Utilities Department.

Sincerely,

//s/ Matthew J. Satterwhite

Matthew J. Satterwhite, Senior Counsel

Attachments

COLUMBUS SOUTHERN POWER COMPANY

Exhibit A

COMPLIANCE TARIFF

STANDARD SERVICE

Filed Pursuant to Order 10-0424-EL-ATA

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RLM	Residential Optional Demand Rate	12-1 thru 12-4	Cycle 1 September 2010
RS-ES	Residential Energy Storage	13-1 thru 13-3	Cycle 1 September 2010
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GS1 TOD	Experimental General Service Time-of-Day	20-5 thru 20-6	January 14, 2011
GS-2	General Service – Low Load Factor	21-1 thru 21-5	Cycle 1 September 2010
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(Continued on Sheet No. 1-2)

Filed pursuant to Order dated December 1, 2010 in Case No. 10-0424-EL-ATA

Issued: January 13, 2011

Effective: January 14, 2011

Issued by
Joseph Hamrock, President
AEP Ohio

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SL	Street Lighting	40-1 thru 40-4	Cycle 1 September 2010
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	Emergency Electrical Procedures	90-1 thru 90-9	Cycle 1 April 2009

Filed pursuant to Order dated December 15, 2010 in Case No. 10-725-EL-USF

Issued: December 20, 2010

Effective: Cycle 1 January 2011

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Joseph Hamrock, President
AEP Ohio

P.U.C.O. NO. 7

SCHEDULE RS – TOD2
(Experimental Residential Time-of-Day Service)

Availability of Service

Available to individual residential customers on a voluntary, experimental basis for residential 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 circuit's designated for the Company's gridSMARTSM pilot program. This tariff will be in effect for a minimum of one (1) year.

Customers may enroll in this Schedule during the period of September 1 – March 1.

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

Monthly Rate (Schedule Code 040)

	Generation	Distribution	Total
Customer Charge (\$)	--	4.52	4.52
Energy Charge (¢ per KWH):			
Low Cost Hours	0.50000	2.58097	3.36203
High Cost Hours	22.76048	2.58097	25.62251

Billing Hours

<u>Months</u>	<u>Low Cost Hours</u>	<u>High Cost Hours</u>
Approximate Percent (%) of Annual Hours	94%	6%
October 1 to May 31	All Hours	None
June 1 to September 30	Midnight to 1 PM, 7 PM to Midnight	1 PM to 7 PM

NOTE: All kWh consumed during weekends (all hours of the day on Saturdays and Sundays) and the legal holidays of Independence Day and Labor Day are billed at the low cost level.

Minimum Charge

The minimum monthly charge for service shall be the Customer Charge

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.

(Continued on Sheet No. 15-2)

Filed pursuant to Order dated December 1, 2010 in Case No. 10-424-EL-ATA

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Joseph Hamrock, President
AEP Ohio

P.U.C.O. NO. 7

SCHEDULE RS – TOD2
(Experimental Residential Time-of-Day Service)

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
Fuel Adjustment Clause Rider	80-1
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 SM Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

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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P.U.C.O. NO. 7

SCHEDULE GS1 – TOD
(Experimental Small General Service Time-of-Day)

Availability of Service

Available on a voluntary, experimental basis for general service to customers with maximum demands less than 10 kW 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 gridSMARTSM program. This tariff will be in effect for a minimum of one (1) year.

Customers may enroll in this Schedule during the period of September 1 – March 1.

Monthly Rate (Schedule Code: 284)

	Generation	Distribution	Total
Customer Charge (\$)	--	6.47	6.47
Energy Charge (¢ per KWH):			
Low Cost Hours	3.50000	1.47707	4.97707
High Cost Hours	32.44250	1.47707	33.91957

Billing Hours

<u>Months</u>	<u>Low Cost Hours</u>	<u>High Cost Hours</u>
Approximate Percent (%) of Annual Hours	94%	6%
October 1 to May 31	All Hours	None
June 1 to September 30	Midnight to 1 PM, 7 PM to Midnight	1 PM to 7 PM

NOTE: All kWh consumed during weekends (all hours of the day on Saturdays and Sundays) and the legal holidays of Independence Day and Labor Day are billed at the low cost level.

Minimum Charge

The minimum monthly charge shall be the Customer Charge.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Payment provision, Supplement No. 21.

(Continued on Sheet No. 20-6)

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P.U.C.O. NO. 7

SCHEDULE GS1 – TOD
(Experimental Small General Service Time-of-Day)

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
Fuel Adjustment Clause Rider	80-1
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 SM Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

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.

Customers with co generation 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

P.U.C.O. NO. 7

Rider DLC
(Experimental Direct Load Control Rider)Availability of Service

Available to individual residential customers on a voluntary, experimental basis for residential electric service. Availability is restricted to customers served by the circuits designated for the Company's gridSMARTSM program. Customers taking service under Schedule CPP are not eligible for this rider. This rider will be in effect for a minimum of one (1) year.

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 rider if the owner does not allow installation of auxiliary communicating equipment.

Service under this rider is limited based upon the availability of smart thermostat devices. The company plans to have 190 smart thermostat devices available in calendar year 2010 and an additional 7,000 smart thermostat devices available in calendar year 2011. At the Company's option, this rider 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 thermostat device.

Program Description

To participate, customers must allow the Company, or its authorized agents, to install a smart thermostat device and, if necessary, auxiliary communicating devices to control the customer's central electric cooling unit(s). All such devices shall be installed at a time that is consistent with the orderly and efficient deployment of this program.

The Company will utilize the smart thermostat device to reduce customer's energy use during load management events. The smart thermostat device may employ either a temperature setback or cycling methodology.

Under a temperature setback methodology, the Company may increase the preset temperature on the customer's thermostat by no more than four (4) degrees during load management events.

Under a cycling methodology, the Company may cycle off the central electric cooling unit(s) generally for up to one-half of every hour of a load management event.

Company planned load management events shall not exceed five (5) hours per day. Such non-emergency load management events shall not exceed 15 events and shall occur only during the months of May through September between Noon and 8 pm.

For emergency purposes, load management events shall not exceed 10 events per PJM planning year (June through May) and not last longer than six (6) hours duration. Emergencies shall be determined by PJM as defined in PJM Manual 13 – Emergency Operations. Emergency load management events can only occur between Noon and 8 pm on weekdays during May through September and 2 pm to 10 pm on weekdays during October through April.

(Continued on Sheet No. 16-2)

Filed pursuant to Order dated December 1, 2010 in Case No. 10-0424-EL-ATA

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Effective: January 14, 2011

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Joseph Hamrock, President
AEP Ohio

P.U.C.O. NO. 7

Rider DLC
(Experimental Direct Load Control Rider)Rate Credit

Customers taking service under Schedules R-R, RLM, RS-ES, RS-TOD, and RS-TOD2 shall receive the following monthly billing credits in June through October for each central electric cooling unit controlled during the calendar months of May through September:

\$8.00	for any calendar month where the customer does not override an event signal
\$4.00	for any calendar month where the customer overrides one (1) event signal
\$0.00	for any calendar month where the customer overrides more than one (1) event signal

Residential customers taking service under Schedule R-R-1 shall receive the following monthly billing credits in June through October for each central electric cooling unit controlled during the calendar months of May through September:

\$3.00	for any calendar month where the customer does not override an event signal
\$1.50	for any calendar month where the customer overrides one (1) event signal
\$0.00	for any calendar month where the customer overrides more than one (1) event signal

Such credits shall not reduce the customer's bill below the minimum charge as specified in the schedule under which the customer takes service.

Equipment

The Company will furnish and install, in the customer's presence, a smart thermostat device and, if necessary, an auxiliary communicating device inside the customer's residence. All equipment will be owned and maintained by the Company until such time as the experimental direct load control program is discontinued or the customer requests to be removed from the program after completing the initial mandatory period of one (1) cooling season (May through September). At that time, ownership of the smart thermostat will transfer to the customer and the auxiliary communicating device will be picked up or returned to the Company in good working order. The customer is not required to pay a deposit for this equipment; however, failure to return the auxiliary communicating device in good working order may result in additional charges in the amount of the current prevailing cost of the auxiliary equipment.

Should the customer lose or damage the smart thermostat device 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.

Contract

Participating customers must agree to participate for an initial period of one (1) cooling season (May through September) and thereafter may discontinue participation by contacting the Company.

(Continued on Sheet No. 16.3)

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AEP Ohio

P.U.C.O. NO. 7

Rider DLC
(Experimental Direct Load Control Rider)

Special Terms and Conditions

This Rider is subject to the Company's Terms and Conditions of Service and all provisions of the schedule under which the Customer takes service, including all payment provisions.

The Company shall not be required to install load management equipment 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.

The Company and its authorized agents shall be permitted access to the customer's premises during normal business hours to install, inspect, test, or maintain the load management device(s). The Company shall also be allowed access to the customer's premise to repair or remove faulty load management device(s).

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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Issued: January 13, 2011

Issued by
Joseph Hamrock, President
AEP Ohio

Effective: January 14, 2011

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in

Case No(s). 10-0424-EL-ATA

Summary: Tariff Compliance Filing TOD Tariffs electronically filed by Mr. Matthew J Satterwhite on behalf of American Electric Power Service Corporation