

Steven T. Nourse Senior Counsel –

Regulatory Services (614) 716-1608 (P) (614) 716-2014 (F)

stnourse@aep.com

Legal Department

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American Electric Power 1 Riverside Plaza Columbus, 0H 43215 AFP.com

PUCO

August 27, 2010

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: 89-6003-EL-TRF; 89-6007-EL-TRF; and

10-155-EL-RDR

Dear Ms. Jenkins:

Enclosed as <u>Attachment A</u> are four copies of Columbus Southern Power Company's and Ohio Power Company's compliance tariffs, which are being filed in accordance with the Commission Finding and Order dated August 25, 2010 in Case No. 10-155-EL-RDR. These tariffs are effectively immediately for billing in the first cycle of September 2010.

One copy of Columbus Southern Power Company's tariff filing should be filed in Case No. 89-6003-EL-TRF and one copy of Ohio Power Company's tariff filing should be filed in Case No. 89-6007-EL-TRF. One copy of each Company's tariff filing should be placed in Case No. 10-155-EL-RDR. Two copies of each Company's tariff filing have been designated for distribution to the Rates and Tariffs, Energy and Water Division of the Commission's Utilities Department. The Companies will update their tariffs previously filed electronically with the Commission's Docketing Division.

Also enclosed as <u>Attachment B</u> is an updated Schedule that reflects the supporting calculations for the new rider rate. Enclosed as <u>Attachment C</u> are summary sheets for the associated mid-quarter Fuel Adjustment Clause update, in order to comply with the Commission-ordered rate caps established in Case No. 08-917-EL-SSO. The net impact for a typical residential bill is being provided in conjunction with the FAC update filing, since the rates will change in coordination with one another.

Cordially,

cc: Parties of Record

# **ATTACHMENT A**

# COLUMBUS SOUTHERN POWER COMPANY COMPLIANCE TARIFF STANDARD SERVICE

Filed Pursuant to Orders 10-155-EL-RDR, 10-163-EL-RDR and 10-164-EL-RDR

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	Minimum Requirements for Distribution System Interconnection	6-1 thru 6-5	Cycle 1 April 2009
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Filed pursuant to Orders dated August 11 and August 25, 2010 in Case Nos. 10-155-EL-RDR, 10-163-EL-RDR and 10-164-EL-RDR

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Filed pursuant to Orders dated August 11 and August 25, 2010 in Case Nos. 10-155-EL-RDR, 10-163-EL-RDR and 10-164-EL-RDR

Issued: August 27, 2010

1<sup>st</sup> Revised Sheet No. 10-3 Cancels Original Sheet No. 10-3

P.U.C.O. NO. 7

# SCHEDULE R-R (Residential Service)

# Load Management Water Heating Provision (Cont'd)

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the load management storage water heating system and devices which qualify the residence for service under the Load Management Water Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

#### **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
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

(Continued on Sheet No. 10-4)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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# SCHEDULE R-R-1 (Residential Small Use Load Management Service)

# Applicable Riders (Cont'd)

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
Power Acquisition Rider	<b>74-</b> 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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

# Term of Contract

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.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

# SCHEDULE RLM (Residential Optional Demand Service)

## Applicable Riders (Cont'd)

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
Power Acquisition Rider	<b>74-</b> 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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### **Determination of Billing Demand**

The billing demand shall be the maximum 30-minute integrated kilowatt demand recording of an integrating demand meter during the current billing period.

#### **Term of Contract**

The term of contract shall be an initial period of four years under the Rural Line Extension Plan, but in no case shall the contract term be less than one year.

# Special Term 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.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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# SCHEDULE RS-ES (Residential Energy Storage)

## Conservation and Load Management Credits

For the combination of an approved electric thermal storage space heating and/or cooling system and water heater, all of which are designed to consume electrical energy only during the off-peak period as previously described in this schedule, each residence will be credited the Conservation and Load Management Energy Credit for all KWH used during the off-peak billing period, for a total of 60 monthly billing periods following the installation and use of these devices in such residence.

	Generation	Distribution	Total
Conservation and Load Management			
Energy Credit (¢ per KWH)	0.75683		0.75683

#### Separate Metering Provision

Customers shall have the option of receiving service under Schedule R-R or Schedule R-R-1 for their general-use load by separately wiring this equipment to a standard residential meter.

#### <u>Payment</u>

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
Power Acquisition Rider	74-1
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_
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Environmental Investment Carrying Cost Rider	85-1

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# SCHEDULE RS-TOD (Residential Time-of-Day Service)

## Applicable Riders (Cont'd)

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
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	<b>80-</b> 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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### Term of Contract

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.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

# SCHEDULE GS-1 (General Service - Small)

## Applicable Riders (Cont'd)

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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### Term of Contract

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 cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. A time-of-day meter is required to take service under this provision.

# Load Management Time-of-Day Provision

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space heating and/or cooling systems and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements. A time-of-day meter is required to take service under this provision.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

# SCHEDULE GS-2 (General Service - Low Load Factor)

#### **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 Delayed Payment provision, Supplement No. 21.

#### 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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in kilowatts as registered during the month by a 30-minute integrating demand meter or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator.

The minimum monthly billing demand established hereunder shall not be less than (a) the minimum billing demand, if any, specified in the service contract or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

The minimum monthly billing demand shall not be less than 25% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW during the billing months of June through September for customers with more than 50% of their connected load used for space heating purposes.

(Continued on Sheet No. 21-3)

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# SCHEDULE GS-2-TOD (General Service – Time-of-Day)

# Applicable Riders (Cont'd)

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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

# Term of Contract

A written agreement may, at the Company's option, be required.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the appropriate Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

# **Special Terms and Conditions**

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

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

# SCHEDULE GS-3 (General Service - Medium Load Factor)

#### **Delayed Payment Charge**

(Contin

The above schedule is net if full payment is received by mail, checkless payment plan, electronic ued on payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the Sheet bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will No. 23-be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

#### 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	<u>,</u> 61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

# Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in kilowatts as registered during the month by a 30-minute integrating demand meter or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator.

The minimum monthly billing demand established hereunder shall not be less than (a) the minimum billing demand, if any, specified in the service contract or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months or (c) 50 KW.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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Effective: Cycle 1 September 2010

# SCHEDULE GS-4 (General Service - Large)

#### Applicable Riders (Cont'd)

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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### Monthly Billing Demand

The billing demand in KVA shall be taken each month as the single highest 30-minute integrated peak in KVA, as registered during the month by a demand meter or indicator, but the monthly demand so established shall in no event be less than the greater of (a) the minimum billing demand, if any, specified in the service contract or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months or (c) 1,000 KVA.

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

# Optional Time-of-Day Provision

Available to customers who operate primarily during the off-peak period (as set forth below) and request the installation of time-of-day metering in order to receive service under this provision. The customer shall be required to pay the necessary additional metering cost.

For purpose of this provision, the monthly billing demand as defined above shall be determined during the on-peak period. The off-peak excess demand shall be the amount by which the demand created during the off-peak period exceeds the monthly billing demand

The on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(Continued on Sheet No. 24-3)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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# SCHEDULE IRP-D (Interruptible Power - Discretionary)

#### Minimum Charge

The minimum charge shall be equal to the sum of the Customer Charge, the Demand Charges and all applicable riders.

# **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.

#### 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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

# Monthly Billing Demand

The billing demand in KVA shall be taken each month as the single highest 30-minute integrated peak in KVA, as registered during the month by a demand meter or indicator, but the monthly demand so established shall in no event be less than the greater of (a) 60% of the customer's contract capacity or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months or (c) 1,000 KVA.

Thirty-minute periods where replacement electricity is supplied shall be excluded in the determination of the billing demand.

(Continued on Sheet No. 25-10)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

Effective: Cycle 1 September 2010

# SCHEDULE \$B\$ (Standby Service)

## Applicable Riders (Cont'd)

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
Power Acquisition Rider	7 <b>4-</b> 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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### **Term of Contract**

Contracts under this schedule will be made for an initial period of not less than 1 year and shall continue thereafter until either party has given 6-months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for initial periods longer than 1 year.

A 6-month advance written request is required for any change in supplemental, backup or maintenance service requirements, except for the initial standby service contract. All changes in the standby service contract shall be effective on the contract anniversary date. The Company shall either concur in writing or inform the customer of any conditions or limitations associated with the customer's request within 60 days.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. 27-9)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

Effective: Cycle 1 September 2010

# SCHEDULE SL (Street Lighting Service)

# Other Equipment (Cont'd)

		Per Month
1.	For each lamp supported by a wood pole serving no other function than street lighting	\$1.14
2.	For each aluminum pole	\$11.84
3.	For each fiberglass pole	\$17.65
4.	For each additional 150 foot overhead wire span or part thereof	\$0.67
5.	For mounting other than standard bracket:	
	12 foot mastarm	\$1.00
	16 foot mastarm	\$1.33
	20 foot mastarm	\$2.33
6.	For each additional riser pole connection installed on or after May 21, 1992	\$3.42
7.	For each underground wire lateral not over 50 feet	\$1.09
8.	The Company may require the customer to pay for or furnish duct under pavements or adverse soil conditions should this be necessary for initial installation or due to paving over underground feed after placement.	

# **Delayed Payment Charge**

Due Date and Delayed Payment Charge shall be pursuant to the provisions of Supplement 21.

# 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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

(Continued on Sheet No. 40-3)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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Effective: Cycle 1 September 2010

# SCHEDULE AL (Private Area Lighting Service)

## Applicable Riders (Cont'd)

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
Power Acquisition Rider	74-1
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 Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

#### Ownership of Facilities

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company.

#### Hours of Lighting

Dusk to dawn lighting shall be provided, approximately 4,000 hours per annum.

# Term of Contract

Contract under this schedule will ordinarily be made for an initial term of one year with self-renewal provisions for successive terms of one year until either party shall give at least 60 days notice to the other of the intention to discontinue service at the end of any term. The Company may, at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time.

(Continued on Sheet No. 41-4)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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#### ENVIRONMENTAL INVESTMENT CARRYING COST RIDER

Effective Cycle 1 September 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge of 4.55325% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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#### **FUEL ADJUSTMENT CLAUSE RIDER**

Effective Cycle 1 September 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Fuel Adjustment Clause charge per KWH as follows:

Schedule	Secondary	Primary	Subtransmission/ Transmission
	(¢/KWH)	(¢/KWH)	(¢/KWH)
R-R, R-R-1, RLM, RS-ES, RS-TOD	3.56086		
GS-1	3.26772		
GS-2	3.48211	3.36854	
GS-2-TOD and GS-2-LM-TOD	3.48211		
GS-3	3.38891	3.27838	
GS-3-LM-TOD	3.38891		
GS-4	_		3.07255
IRP-D	3.23751	3.13192	3.07255
SL	4.00588		
AL	4.57832		
SBS	3.41400	3.28062	3.07255

Filed pursuant to Orders dated August 11 and August 25, 2010 in Case Nos. 10-163-EL-RDR, 10-164-EL-RDR and 10-155-EL-RDR

Issued: August 27, 2010

# OHIO POWER COMPANY COMPLIANCE TARIFF STANDARD SERVICE

Filed Pursuant to Order 10-155-EL-RDR, 10-163-EL-RDR and 10-164-EL-RDR

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Schedule		Sheet No(s)	Effective Date
	Table of Contents	1-1 thru 1-2	Cycle 1 September 2010
-	List of Communities Served	2-1 thru 2-7	Cycle 1 April 2009
	Terms and Conditions of Service	3-1 thru 3-19	December 9, 2009
	Minimum Requirements for Distribution System Interconnection	6-1 thru 6-5	Cycle 1 April 2009
RS	Residential Service	10-1 thru 10-3	Cycle 1 September 2010
RS-ES	Residential Energy Storage	11-1 thru 11-3	Cycle 1 September 2010
RS-TOD	Residential Time-of-Day	12-1 thru 12-2	Cycle 1 September 2010
RDMS	Residential Demand Metered Service	13-1 thru 13-3	Cycle 1 September 2010
GS-1	General Service - Non-Demand Metered	20-1 thru 20-3	Cycle 1 September 2010
GS-2	General Service - Low Load Factor	21-1 thru 21-6	Cycle 1 September 2010
GS-TOD	General Service - Time-of-Day	22-1 thru 22-2	Cycle 1 September 2010
GS-3	General Service - Medium/High Load Factor	23-1 thru 23-5	Cycle 1 September 2010
GS-4	General Service – Large	24-1 thru 24-4	Cycle 1 September 2010
IRP-D	Interruptible Power – Discretionary	25-1 thru 25-10	Cycle 1 September 2010
COGEN/SPP	Cogeneration and/or Small Power Production	26-1 thru 26-3	Cycle 1 April 2009
SBS	Standby Service	27-1 thru 27-9	January 8, 2010
NEMS	Net Energy Metering Service	28-1 thru 28-2	December 11, 2009
NEMS-H	Net Energy Metering Service - Hospitals	29-1 thru 29-2	December 11, 2009
OL	Outdoor Lighting	40-1 thru 40-4	Cycle 1 September 2010
SL	Street Lighting	41-1 thru 41-6	Cycle 1 September 2010
EHG	Electric Heating General	42-1 thru 42-2	Cycle 1 September 2010

(Continued on Sheet No. 1-2)

Filed pursuant to Orders dated August 25, 2010 in Case Nos. 10-155-EL-RDR and 10-163-EL-RDR

Issued: August 27, 2010

# **TABLE OF CONTENTS**

EHS	Electric Heating Schools	43-1 thru 43-2	Cycle 1 September 2010
SS	School Service	44-1 thru 44-2	Cycle 1 September 2010
PA	Pole Attachment	45-1 thru 45-2	Cycle 1 April 2009
	Universal Service Fund Rider	60-1	Cycle 1 January 2010
	Advanced Energy Fund Rider	61-1	Cycle 1 April 2009
	KWH Tax Rider	62-1	Cycle 1 April 2009
	Provider of Last Resort Charge Rider	69-1	Cycle 1 April 2009
	Electronic Transfer Rider	70-1	Cycle 1 April 2009
	Emergency Curtailable Service Rider	71-1 thru 71-3	Cycle 1 April 2009
	Energy Price Curtailable Service Rider	72-1 thru 72-4	Cycle 1 April 2009
	Transmission Cost Recovery Rider	75-1	Cycle 1 July 2010
	Fuel Adjustment Clause Rider	80-1	Cycle 1 September 2010
	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1	Cycle 1 June 2010
	Economic Development Cost Recovery Rider	82-1	Cycle 1 April 2010
	Enhanced Service Reliability Rider	83-1	Cycle 1 September 2010
	Environmental Investment Carrying Cost Rider	85-1	Cycle 1 September 2010
	Emergency Electrical Procedures	90-1 thru 90-9	Cycle 1 April 2009

Filed pursuant to Orders dated August 25, 2010 in Case Nos. 10-155-EL-RDR and 10-163-EL-RDR

Issued: August 27, 2010

# SCHEDULE RS (Residential 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
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
Environmental Investment Carrying Cost Rider	85-1

# Term of Contract

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 available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

This schedule is intended for single-phase service. Where the residential customer requests 3-phase service, this schedule will apply if the customer pays to the Company the difference between constructing single-phase and 3-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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Issued: August 27, 2010

# SCHEDULE RS-ES (Residential Energy Storage)

# Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

## Separate Metering

Customers shall have the option of receiving service under Schedule RS for their general-use load by separately wiring such load to a standard residential meter. The distribution service charge for the separate meter shall be \$1.05 per customer per month.

#### <u>Payment</u>

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
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction	
Cost Recovery Rider	81 <u>-</u> 1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
Environmental Investment Carrying Cost Rider	85-1

#### Term of Contract

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.

The Company reserves the right to inspect at all reasonable times the energy storage devices which qualify the residence for service and for conservation and load management credits under this schedule, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that, in its sole judgment, the availability conditions of this schedule are being violated, it may discontinue billing the customer under this schedule and commence billing under the appropriate residential service schedule.

(Continued on Sheet No. 11-3)

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# SCHEDULE RS-TOD (Residential Time-of-Day Service)

## Applicable Riders (Cont'd)

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
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
Environmental Investment Carrying Cost Rider	85-1

# **Term of Contract**

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 available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

This schedule is intended for single-phase service. Where the residential customer requests 3-phase service, this schedule will apply if the customer pays to the Company the difference between constructing single-phase and 3-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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Issued: August 27, 2010

# SCHEDULE RDMS (Residential Demand Metered Service)

# Monthly Billing Demand

Monthly billing demand is the number of kilowatts determined by dividing the number of kilowatt-hours used during the on-peak period in the month by the number of hours in such period.

#### **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
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction	
Cost Recovery Rider	<u>81</u> -1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
Environmental Investment Carrying Cost Rider	85-1

### Term of Contract

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 available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

(Continued on Sheet No. 13-3)

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# SCHEDULE GS-1 (General Service - Non-Demand Metered)

#### **Availability of Service**

Available for general service to customers with maximum demands less than 10 KW (excluding the demand served by the Energy Storage Provision).

## Monthly Rate (Schedule Code 211)

	Generation	Distribution	Total
Customer Charge (\$)		13.17	13.17
Energy Charge (¢ per KWH)	3.41765	0.27999	3.69764

# Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

## **Delayed Payment Charge**

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 21 days after the mailing of the bill. On accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

#### 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
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
Environmental Investment Carrying Cost Rider	85-1

## **Term of Contract**

A written agreement may, at the Company's option, be required.

(Continued on Sheet No. 20-2)

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# SCHEDULE GS-2 (General Service - Low Load Factor)

# Metered Voltage Adjustment(Cont'd)

- (a) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (b) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

# **Delayed Payment Charge**

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 21 days after the mailing of the bill. On accounts not so paid, an additional charge of 2% of the unpaid balance will be made.

#### 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
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
Environmental Investment Carrying Cost Rider	85-1

#### **Term of Contract**

For customers with annual average demands greater than 500 KW, contracts will be required for an initial period of not less than 1 year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to discontinue service under the terms of this schedule. For customers with demands less than 500 KW, a written agreement may, at the Company's option, be required.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional local facilities are required. The Company may, at its option, require a longer initial term of contract.

(Continued on Sheet No. 21-5)

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# SCHEDULE GS-TOD (General Service - Time-of-Day)

#### Applicable Riders (Cont'd)

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
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
Environmental Investment Carrying Cost Rider	85-1

#### Term of Contract

A written agreement may, at the Company's option, be required.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

#### **Special Terms and Conditions**

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

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGENN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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Issued: August 27, 2010

# SCHEDULE GS-3 (General Service - Medium/High Load Factor)

# 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
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
Environmental Investment Carrying Cost Rider	85-1

#### **Term of Contract**

For customers with annual average demands greater than 500 KW, contracts will be required for an initial period of not less than 1 year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to discontinue service under the terms of this schedule. For customers with demands less than 500 KW, a written agreement may, at the Company's option, be required.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. The Company may, at its option, require a longer initial term of contract.

The Company shall not be required to supply capacity in excess of that contracted for except by mutual agreement.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the appropriate Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

# Special Terms and Conditions

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

(Continued on Sheet No. 23-5)

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# SCHEDULE GS-4 (General Service - Large)

## Metered Voltage Adjustment (cont'd)

quantities. In such cases the metered KWH, KW and KVAR values will be adjusted for billing purposes. If the Company elects to adjust KWH, KW and KVAR based on multipliers, the adjustment shall be in accordance with the following:

- (a) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (b) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

# **Delayed Payment Charge**

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 21 days after the mailing of the bill. On accounts not so paid, customer shall pay Company interest on the unpaid amount at the rate of 8% per annum from the due date to the date of payment of said bills.

#### **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
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
Environmental Investment Carrying Cost Rider	85-1

# **Term of Contract**

Contracts under this schedule will be made for an initial period of not less than 2 years and shall remain in effect thereafter until either party shall give at least 1 year's written notice to the other of the intention to discontinue service under the terms of this schedule.

(Continued on Sheet No. 24-4)

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# SCHEDULE IRP-D (Interruptible Power - Discretionary)

#### Metered Voltage Adjustment (Cont'd)

- (a) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (b) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

## **Delayed Payment Charge**

Bills are due and payable by in full 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 accounts not so paid, customer shall pay Company interest on the unpaid amount at the rate of 8% per annum from the due date to the date of payment of said bills.

#### **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
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
Environmental Investment Carrying Cost Rider	85-1

# **Special Terms and Conditions**

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

A customer's plant is considered as one or more buildings which are served by a single electrical distribution system provided and operated by customer. When the size of the customer's load necessitates the delivery of energy to the customer's plant over more than 1 circuit, the Company may elect to connect its circuits to different points on the customer's system irrespective of contrary provisions in the Terms and Conditions of Service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

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SCHEDULE SBS (Standby Service)

# **Delayed Payment Charge**

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 21 days after the mailing of the bill. On accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

#### 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
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
Environmental Investment Carrying Cost Rider	85-1

# **Term of Contract**

Contracts under this schedule will be made for an initial period of not less than 1 year and shall continue thereafter until either party has given 6 months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for initial periods longer than 1 year.

A 6-month advance written request is required for any change in supplemental, backup or maintenance service requirements, except for the initial standby service contract. All changes in the standby service contract shall be effective on the contract anniversary date. The Company shall either concur in writing or inform the customer of any conditions or limitations associated with the customer's request within 60 days.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. 27-9)

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# SCHEDULE OL (Outdoor Lighting)

## Applicable Riders (Cont'd)

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
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
Environmental Investment Carrying Cost Rider	85-1

# Monthly Kilowatt-hour Usage

The monthly kilowatt-hours for each lamp type are as follows:

Lamp	Jan	Feb	Маг	Арг	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2,500 Inc.	79	67	57	57	51	45	48	55	60	71	75	81
4,000 Inc.	124	104	104	89	79	71	76	86	94	111	116	126
7,000 Merc.	91	76	76	65	58	52	55	63	69	81	86	92
20,000 Merc.	199	167	167	142	127	114	121	138	152	178	188	203
50,000 Merc.	477	400	400	340	304	272	291	331	363	427	449	486
9,000 Sod.	51	43	43	36	32	29	31	35	39	45	48	52
22,000 Sod.	106	89	89	76	68	61	65	74	81	95	100	108
50,000 Sod.	210	176	176	150	134	120	128	146	160	188	198	214
17,000 M. Hai.	127	106	106	90	81	72	77	88	96	113	119	129
29,000 M. Hal.	199	167	167	142	127	114	121	138	152	178	188	203

# **Term of Contract**

Annual.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. 40-4)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

issued: August 27, 2010

Effective: Cycle 1 September 2010

### SCHEDULE SL (Street Lighting)

#### Monthly Rates (Cont'd)

	Generation	Distribution	Total
On Wood Pole:			
High Pressure Sodium:			
9,000 lumen	1.24	8.98	10.22
16,000 lumen	3.58	9.04	12.62
22,000 lumen	4.07	9.54	13.61
50,000 lumen	8.13	9.86	17.99
On Metal Pole:			
High Pressure Sodium:			
9,000 lumen	14.65	23.22	37.87
16,000 lumen	15.39	23.28	38.67
22,000 lumen	16.00	23.77	39.77
50,000 lumen	17.62	24.09	41.71
Multiple Lamps On Metal Pole:			
High Pressure Sodium:			
9,000 lumen	8.73	13.23	21.96
16,000 lumen	9.36	13.28	22.64
22,000 lumen	9.96	13.79	23.75
50,000 lumen	11.59	14.10	25.69
Post Top Unit:*			
9,000 lumen High Pressure Sodium	6.18	8.31	14.49

<sup>\*</sup>Available where customer pays for trenching and backfilling or provides for underground ducts designed to Company specifications.

### 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
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
Environmental Investment Carrying Cost Rider	85-1

(Continued on Sheet No. 41-4)

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

Effective: Cycle 1 September 2010

Issued by Joseph Hamrock, President AEP Ohio

# SCHEDULE EHG (Electric Heating General)

Applicable Riders (Cont'd)

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
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
Environmental Investment Carrying Cost Rider	85-1

#### Term of Contract

A written agreement may, at the Company's option, be required.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

#### Special Terms and Conditions

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

This schedule is available only to customers where at least 50% of the electrical load is located inside of buildings which are electrically heated.

When church buildings are electrically heated and are served through a separate meter and billed separately, the above energy rate applies, but there shall be no demand charge.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

## SCHEDULE EHS (Electric Heating Schools)

THIS SCHEDULE IS IN PROCESS OF ELIMINATION AND IS WITHDRAWN EXCEPT FOR THE PRESENT INSTALLATION OF CUSTOMERS RECEIVING SERVICE HEREUNDER AT PREMISES SERVED ON THE EFFECTIVE DATE HEREOF.

#### **Availability of Service**

Available to primary and secondary schools for which the entire electrical requirement is furnished by the Company, and such electrical requirement includes all cooling (if any) in the entire school and electric heating for all of (or in addition to) the school.

#### Monthly Rate (Schedule Code 631)

Where every energy requirement, including, but not limited to, heating, cooling and water heating, of an individual school building or an addition to an existing school building including college and university buildings, is supplied by electricity furnished by the Company, all energy for that school building or addition shall be billed at the following Energy Charge:

+	Generation	Distribution	Total
Energy Charge (¢ per KWH)		0.21744	0.21744

#### Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the distribution charge of \$12.22 per month and any applicable riders.

#### **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
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
Environmental Investment Carrying Cost Rider	85-1

(Continued on Sheet No. 43-2)
Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

#### P.U.C.O. NO. 19.

## SCHEDULE SS (School Service)

#### Applicable Riders (Cont'd)

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
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
Environmental Investment Carrying Cost Rider	85-1

#### **Term of Contract**

A written agreement may, at the Company's option, be required.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

#### Special Terms and Conditions

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

This schedule shall not apply to individual residences nor to those facilities which normally are not a part of or directly associated with primary and secondary school, college and university functions.

Customer shall furnish Company upon request information necessary to determine the enclosed area of a building or buildings to be used for billing purposes hereunder.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

#### **ENVIRONMENTAL INVESTMENT CARRYING COST RIDER**

Effective Cycle 1 September 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge of 4.46836% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-155-EL-RDR

Issued: August 27, 2010

### **FUEL ADJUSTMENT CLAUSE RIDER**

Effective Cycle 1 September, 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Fuel Adjustment Clause charge per KWH as follows:

Schedule	Secondary	Primary	Subtransmission/ Transmission
	(¢/KWH)	(¢/KWH)	(¢/KWH)
RS, RS-ES, RS-TOD and RDMS	2.44290		-
GS-1	2.42730		
GS-2	2.30404	2.22150	2.16812
GS-2 Recreational Lighting, GS-TOD and GS-2-ES	2.30404		
GS-3	2.28159	2.19984	2.14699
GS-3-ES	2.28159		_
GS-4		2.05659	2.00717
IRP-D	2.13301	2.05659	2.00717
EHG	2.40514		_
EHS	2.32055		· · · <u>-</u>
SS	2.28630		. <u>-</u>
OL	3.01628		_
SL	2.70546		
SBS	2.29305	2.19461	2.02740

Filed pursuant to Orders dated August 11 and August 25, 2010 in Case Nos. 10-163-EL-RDR and 10-155-EL-RDR

Issued: August 27, 2010

# **ATTACHMENT B**

COLUMBUS SOUTHERN POWER COMPANY
CARRYING COSTS INCURRED
BASED ON INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2008 THROUGH DECEMBER 2009
\$000

															Ondoing	
	Source	먭	윒	Mac	Aor	May	only	찍	Aug	됈	컮	New Mex		Dec	2010/2011***	<u>Iota</u>
2009 Cumulative Environmental Spand	From Ln. 20	\$ 7,215 \$	16,038 \$	•	31,955 \$	40,012	45,109	51,689	58,292	\$ 62,411	\$ 96,0	69	69	79.074	79,074	
	13.58% / 12 (Sch. 3)		1,13%		1.13%	7,13%	1.13%	1.13%	1,13%				13%	13%	1,13%	
	Prior Month Ln. 1 x Ln. 3	•	82 \$	••	281	382	453	511	585	w	49	49	748 \$	828	968	
	Schedule 4	99.3%	98.3%	589.3%	99.3%	360.086	89.3%	99.3%	96 3 <sub>%</sub>	96.3%	99.3%		99.3%	96.3%	%66	
	Lp. 3×Ln. 4	φ	81	***	278	359 \$	450.5	507	581	6	49	4	*	820	688	
	Schedule 5	97.7%	97.7%		97.7%	97.7%	%2.79	87.78	97.7%				-	97.7%	100.0%	
Juris, Rev. Requirement (RR) 2009	Ln. 6 x Ln. 6	45	¥ 82	176 \$	273	351 \$	440 \$	496	88	\$ 641	\$	\$ 989	726 \$	801	889	
	Sum of Jan - Dec												**	5,238		
2010 & 2011 RR on 2009 Actual Investment	Ongoing RR (Ln.7) x 24													₩	21,336	
	ևո. 8 + <b>Լո</b> . 11													•	28,572	
	Exhibit DMR-1 *** Ln. 13 Divided by Ln. 15													11	583,583,282 4.55325%	1.0
Gapital Svend GSP Nonthly Environmental Capital Spend Prior Months Carrying Cost CSP Cumulative Environmental Capital Spend	Gabital Swend GSP Monthly Environmental Capital Spend Schedule 2 Prior Months Carrying Cost Ln. 7 CSP Cumulative Environmental Capital Spend Ln. 18	\$ 7.216 \$	8,742 S 79 \$	8,582 \$ 176 \$ 24,834 \$	6.878 s 273 s	7,706 \$ 351 \$	4,667 440 45,109	6,085 498 51,689	6,036 5,588 56,282	\$ 3,478 \$ 641 \$ 82,411	\$ 2,965 \$ 685 \$ 56,062		6,115 \$ 726 \$ 72,803 \$ 7	6.370 801 78,074		\$ 73,638 \$ 5,236 \$ 79,074

\*Generation Reviewe Used represents 16 months from ESP filing. This % of G will recover the 2006 Environmental carrying costs over 16 Months from September 2010 through December 2011.
\*\* Euribit DMR-1 was updated to comply with the July 25, 2009 Entry on Rehearing for the ESP (Case Nos. 08-917 and 08-916).
\*\*\* Murisal disordion Factor Ongoing 2010/2011 represents the expiration of the City of Westerville Winderade Contract.

OHIO POWER COMPANY Carrying Costs Incurred Based on Incremental Environmental Capital Additions Made From January 2009 Through December 2009 \$000

Š, N	Description	Source	OFF.	g H	Mar	Apr		Max	Jan	jar.	Aug	Sep		Ę	Nov	Dec	Ongoing 2010/2011	g 1 Total	78
					l			ı	ı	I				ı					
-	2009 Cumdative Environmental Spend	From Ln. 21	\$ 33.997	40	1 \$ 76.90H	M \$ 91.893	u	393 \$	118.384 \$		4	3 \$ 135.0	42	143,939 8	152.012	\$ 157,104	5 157.1	2	
~	Carrying Cost Rate 25 Vr Property	13.34% / 12 (Sch. 3)						1.11%	1.1%			1.1			1.11%			%	
**	Environmental Carrying Costs	Prior Month Ln. 1 x Ln. 3	+0	4	49	49	45	1.022 \$	1.216		69		45		1.800	67	44	\$	
4	Pool Capacity Allocation Factors	Schedule 4	67.9%	96 20	67.9%	,	67.9%	87.9%	67.9%	8.79	67.9%	4 67.9%		66.79	\$6.79	67.9%	25	×	
40	Carrying Costs Internal Load	Ln. 3 x Ln. 4	•	44		4	**	6B4 \$	828		<b>19</b>	(A)	<b>14</b>		1.086	65	w	28	
10	Juriedictional Allocation Factor	Schedule 5	92.3%					92.3%	92.3%			92.			92.3%			3%	
h- 0	Juris. Rev. Requirement (RR) 2008	Ln. 5 x Ln. 6	, 	\$ 237	١.,	44	<u>پ</u>	\$ 149	782 \$	l	w	8 8	891 \$	841	1,002	,,	ļ.,	58	
o a	2009 Revenue Requirement	Sum of Jan - Dec														8,176			
2 <b>=</b> 9	2010 & 2011 RR on 2009 Actual Investment	Ongoing RR (Ln.7) x24															\$ 28,280	8	
2 2 3	Total Roveme Requirement	Ln. 8 + Ln. 11															\$ 34,457	51	
. to to 1	Non-FAC Revenue (18 Months)* EICCR	Exhibit DMR-1*** Ln. 13 Divided by Ln. 15															4.4883876	8 <b>8</b>	
78895 78895	Catalist Spetid OPCo Monthly Environmental Capital Spend Schedule 2 Prior Months Carrying Cost Ln. 7 OPCo Cunulative Environmental Capital Spend Ln. 19+1.n. 20	Schedule 2 Ln, 7 Ln, 19 + Ln, 20	\$ 33,897 \$ .	\$ 25,476 \$ 237 \$ 59,710	3 16,775 2 418 3 5 76,801	'S \$ 14,457 B \$ 525 M \$ 91,893	** **	18,859 \$ 641 \$ 100,383 \$	9,229 \$ 782 \$ 119,384 \$	3,253 6 832 6 123,469	\$ 3,480 \$ 860 \$ 127,809	0 \$ 6,331 0 6 891 9 5 135,031		7,967 \$ 941 E 143,939 \$	7,071 1,002 152,012	\$ 4,033 \$ 1,058 \$ 157,104		\$148,828 \$ 8,176 \$157,104	828 176

\*Generation Revenue Used represents 16 months from ESP filing. This % of Q will recover the 2009 Environmental carrying costs ever 16 Months from September 2010 through December 2011.

# **ATTACHMENT C**

Line	•	Voltage Loss					
No.		Factors	Residential	<u>GS-1</u>	GS-2	GS-3	G5-4/IRP-D
	2009 Revenues						
1	Non-FAC		531,278,381	\$34,255,272	\$144,312,956	\$341,199,875	\$58,108,094
2	FAC		226,219,544	\$11,130,384	\$53,499,313	\$211,431,528	\$74,939,120
3	Total		757,497,925	45,395,657	197,812,269	552,631,403	133,047,214
4	2010 Allowable % Increase		8%	6%	6%	6%	6%
5	2010 Target Revenues		802,947,800	48,119,396	209,681,005	585,789,287	141,030,047
	Less:						
6	Non-FAC		531,278,381	34,265,272	144,312,956	341,199,875	58,108,094
	2010 Increases Under Cap						
7	Environmental		2,124,128	246,595	1,175,719	2,371,079	423,625
8	ESRP Rider	-	317,809	14,148	42,078	95,843	7,574
9	gridSMART <sup>ha</sup>		(318,827)	390,587	(6,267)	(461,581)	(40,307)
10	Subtotal		533,401,488	34,916,602	145,524,486	343,205,216	58,498,987
11	2010 FAC Target		269,546,312	13,202,794	64,156,519	242,584,071	82,531,060
12	Fuel Recovered (Jan-Aug)		186,521,600	9,375,383	43,806,974	163,277,492	55,343,169
13	Revised FAC Target		83,024,712	3,827,411	20,349,545	79,306,579	27,187,891
	KWh by Voltage (September	r-Dec)					
14	Secondary		2,331,593,112	117,127,732	563,824,686	1,530,903,062	
15	Primary				21,271,175	836,560,917	
16	\$ub/Tran						884,865,419
	Loss Adjusted kWh						
17	Secondary	1.0578	2,466,359,194	123,897,715	596,413,753	1,619,389,259	0
18	Primary	1.0233	O	0	21,766,793	856,052,786	0
19	Sub/Train	1.0039	a	0	0	O.	888,316,394
20	Total		2,466,359,194	123,897,715	618,180,546	2,475,442,045	888,316,394
21	FAC Rate @ Generation		0.033862883	0.030891696	0.032916449	0.03203734	0.03060609
	FAC Rate @ Meter						
22	Secondary	1.0578	0.0356086	0.0326772	0.0348211	0.0338891	0.0323751
23	Primery	1.0233			0.0336854	0.0327838	0.0313192
24	Sub/Tran	1.0039					0.0307255
	Revenue Verification						
25	Secondary		83,024,766	3,827,406	19,632,996	51,880,927	Q
26	Primary		0	0	716,528	27,425,646	a
27	Sub/Tran		0	0	0	0	27,187,932
26	Total		83,024,766	3,827,406	20,349,524	79,306,573	27,187,932
29	Difference		54	(5)	(21)	(6)	41

Line 1 - 2009 Non-FAC Revenue Line 2 - 2009 FAC Revenue

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1 Line 7 - Environmental Revenue Requirement

Line 8 - ESRP Rider Line 9 - gridSMART TM Rider Line 10 - Sum of Lines 6,7,8 & 9 Line 11 - Line 5 Minus Line 10

Line 12 - Fuel Recovered from January through July 2010 Line 13 - Line 11 Minus Line 12

Line 14 through Line 16 - kWh by class per ESP rate Schedules
Line 17 through Line 19 - Lines 14 through 18 Times Voltage Loss Factors
Line 20 - Sum of Lines 17 through 19
Line 21 - Line 13 Divided by Line 20
Lines 22 through Line 24 - Line 21 Times Voltage Loss Factors
Line 25 - Line 22 times Line 14

Line 26 - Line 23 Times Line 15

Line 27 - Line 24 Times Line 16 Line 28 - Sura of Lines 25 through 27 Line 29- Line 13 Minus Line 28

<sup>\*</sup>Same as GS-4
\*\*Composite of GS-2, GS-3 & GS-4

Line		Voltage Loss							
No.		Factors	Joint S.T.	Joint S.T.	AL	SL	SBS	Shopping	Total
3.141	2009 Revenues	100410	<u> </u>	V-11-11-11-11-11-11-11-11-11-11-11-11-11	6,55	<u> </u>	222	<u> </u>	
1	Non-FAC		\$33,453,486	\$110,622	\$8,694,139	\$3,711,923		\$3,883,200	\$1,159,017,948
2	FAC		\$62,301,979	\$57,528	\$1,794,959	\$1,273,644		\$0	\$642,649,009
3	Total		95,755,465	168,149	10,489,108	4,985,567	0	3,883,200	1,801,885,957
4	2910 Allowable % Increase		5 <b>%</b>	6%	6%	6%	6%	6%	6%
6	2010 Target Revenues		101,600,793	178,238	11,118,454	5,264,701	٥	4,116,192	1,909,766,915
	Less:					-		_	
6 .	Non-FAC 2010 Increases Under Cap		33,453,486	110,622	8,694,139	3,711,923	0	3,883,200	1,159,017,948
7	Environmental		189,498	837	22,758	7,005	٥	0	\$6,561,242
É	ESRP Rider		4,746	24	7,989	3,681	•	3,773	\$497,667
9	pridSMART <sup>ten</sup>		(25,449)	(128)	(42,841)	(17,810)		(16,150)	•
10	Subtotal		33,622,284	111,354	8,682,045	3,704,799	0	3,871,823	1,165,041,418
	<b>3-2-10141</b>		oojonni294	111,004	0,002,040	0,10-1,100	•	-1	1114444 (1) (14
11	2010 FAC Target		67,878,509	66,884	2,436,409	1,579,902		244,369	\$744,226,828
12	Fuel Recovered (Jan-Aug)		34,762,484	34,566	1,639,386	1,041,372			\$495,822,426
13	Revised FAC Target		33,096,026	32,318	797,023	538,530			\$240,160,033
	kWh by Voltage (September	-Dec)					•		
14	Secondary				17,408,647	13,443,480			
15	Primary								
16	Sub/Tran		744,000,000	612,265					
	Loss Adjusted kWh								
17	Secondary	1.0578	0	0	18,414,867	14,220,513			
18	Primary	1.0233	0	0	0	G			
19	Sub/Tran	1,0039	746,901,600	614,673	0	0			
20	Total		746,901,600	614,673	18,414,867	14,220,513	Q		
21	FAC Rate @ Generation		0,044311092	0.05257705	0.043281501	0.037859915			
	FAC Rate @ Meter								
22	Secondary	1.0578	0.0323751 *	0.0323751 *	0.0457832	0.0400588	0.0341400 ***		
23	Primary	1.0233	0.0313192	0.0313192			0.0328062 =		
24	Sub/Tran	1,0039	0.0307255	0.0307255			0.0307255 -		
	Revenue Verification								
25	Secondary		0	0	797,024	538,530	0		
26	Primary		0	0	0	٥	0		
27	Sub/Train		22,859,772	18,813	0	0	0		
28	Total		22,859,772	18,813	797,024	538,530	0		
29	Difference .		(10,236,253)	(13,505)	1	0	ō		

<sup>\*</sup>Same as GS-4

Line 1 - 2009 Non-FAC Revenue

Line 2 - 2009 FAC Revenue

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase Line 5 - Line 6 Times Line 4

Line 6 - Line 1 Line 7 - Environmental Revenue Requirement Line 8 - ESRP Rider

Line 8 - ESRCH Rober

Line 9 - grickSMART TM Rider

Line 10 - Sum of Lines 6,7,8 & 9

Line 11 - Line 5 Minus Line 10

Line 12 - Fuel Recovered from January through Ju

Line 13 - Line 11 Minus Line 12

Line 14 through Line 16 - kWh by class per ESP rate Schedules

Line 17 through Line 19 - Lines 14 through 16 Times Voltage Loss Factors Line 20 - Sum of Lines 17 through 19

Line 21 - Line 13 Divided by Line 20

Lines 21 - Line 13 United by Line 20 Times Voltage Loss Factors Lines 22 times Line 24 - Line 21 Times Voltage Loss Factors Line 26 - Line 23 Times Line 15 Line 27 - Line 24 Times Line 16

Line 28 - Sum of Lines 25 through 27

Line 29-Line 13 Minus Line 28

<sup>&</sup>quot;Composite of GS-2, GS-3 & GS-4

		Voltage Loss		•			
Line <u>No</u>	<u>.</u>	<u>Factors</u>	Residential	<u>GS-1</u>	<u>GS-2</u>	<u>GS-3</u>	GS-4/IRP-D
,	2009 Revenues						
1	Non-FAC		498,231,312	<b>\$</b> 30, <b>524,280</b>	<b>\$215,138,048</b>	\$268,959,552	\$176,911,551
2	FAC_		145,822,581	\$7,016,769	<b>\$64,5</b> 35, <b>577</b>	\$117,995,927	\$123,906,185
3	Total		645,053,893	37,541,048	279,673,625	386,955,479	300,817,736
4	2010 Allowable % Increase		7%	7%	7%	7%	7%
5	2010 Target Revenues		690,207,666	40,168,922	299,250,779	414,042,362	321,874,977
	Less:						
6	Non-FAC		498,231,312	30,524,280	215,138,048	268,959,552	176,911,551
_	2010 Increases Under Cap		<b>****</b> ****	45.000	00.405	00.040	4e ane
7	Reliability		229,246	14,397	62,405	69,346	15,826 1,712,377
8 9	Environmental Subtotal	•	2,494,973	180,782	1,592,880	1,893,835	178,639,765
9	Suddodai		500,955,530	30,719,459	216,793,332	270,922,732	110,008,700
10	2010 FAC Target		189,252,136	9,449,463	82,457,447	143,119,630	143,235,222
11	Fuel Recovered (Jan-Aug)		132,827,688	6,573,876	55,688,017	96,844,354	97,374,737
12	Revised FAC Target		56,424,448	2,875,587	26,769,430	46,275,276	45,860,485
	kWh by Voltage (Septembe	r-Dec)					
13	Secondary		2.309.730.750	118.468.683	975.010.372	935,493,654	
14	Primary			VV	125,471,132	846,092,628	56,506,345
15	Sub/Tran		,		69,987,809	294,292,565	2,226, <b>930,624</b>
	Loss Adjusted kWh						
16	Secondary	1.0682	2,462,634,926	126,311,310	1,039,556,059	997,423,334	a
17	Primary	1.028	0	0	128,984,324	869,783,222	58,088,523
1 <b>B</b>	Sub/Tren	1.0033	0	0	70,218,769	295,263,730	2,234,279,495
19	Total		2,462,634,926	126,311,310	1,238,759,152	2,162,470,288	2,292,368,018
20	FAC Rate @ Generation		0.022912226	0.022765872	0.021609874	0.021399265	0.020005726
	FAC Rate @ Motor						
21	Secondary	1.0862	0.0244290	0.0242730	0.0230404	0.0228159	0.0213301
22	Primary	1.028			0.0222150	0.0219984	0.0205659
23	Sub/Tran	1.0033			0.0216812	0.0214699	0.0200717
	Revenue Verification						
24	Secondary		56,424,412	2,875,590	22,454,629	21,344,130	0
25	Primary		0	0	2,787,341	18,612,684	1,162,104
26	Sub/Tran		0	0	1,51 <b>7,420</b>	6,318,432	44,698,263
27	Total		56,424,412	2,875,590	26,769,390	46,275,246	45,860,387
28	Difference		(36)	3	(40)	(30)	· (98)

<sup>\*</sup> Same as GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

Line 8 - Environmental Revenue Requirement

Line 9 - Sum of Lines 6,7, & 8

Line 10 - Line 5 Less Line 9

Line 11 - Fuel Recovered from January through July 2010

Line 12 - Revised FAC target (Line 10 Minus Line 11 Line 13 through Line 15 - KWh by class per ESP rate Schedules

Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

Line 19 - Sum of Lines 16 through 18 Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

<sup>\*\*</sup> Composite of GS-2, GS-3 & GS-4

٠,		Voltage Loss						
Line <u>N</u>	<u>o.</u>	Factors 4 1	Joint S.T.	Joint S.T.	<u>OL</u>	<u>sl</u>	<u>EHG</u>	<u>EHS</u>
	2009 Revenues							
1	Non-FAC		\$46,005,137	\$130,377	\$8,858,319	\$7,575,716	\$1,301,960	\$5,960
2	FAC		\$3 <u>9,</u> 713,120	\$35,255	\$1,176,465	\$1,285,754	\$495,168	\$9,688
3	Total		85,718,257	165,632	10,034,784	8,861,470	1,797,127	15,648
4	2010 Allowable % Increase		7%	7%	7%	7%	7%	7%
5	2010 Target Revenues		91,718,535	177,227	10,737,219	9,481,773	1,922,926	16,74 <b>4</b>
	Less:							
6	Non-FAC		46,005,137	130,377	8,85B,319	7,575,716	1,301,960	5,960
	2010 Increases Under Cap							
7	Reliability		2,893	4	5,264	5,410	588	1
8	Environmental		456,960	1,230	40,666	36,571	5,226	(31)
9	Subtotal		<b>46,464</b> ,990	131,611	8,904,248	7,617,697	1,307,773	5,930
10	2010 FAC Target		45,253,545	45,616	1,832,971	1,864,076	615,153	10,814
11	Fuel Recovered (Jan-Aug)		23,244,048	23,269	1,173,516	1,188,286	439,757	7,554
12	Revised FAC Target		22,009,497	22,347	659,455	675,790	175,396	3,260
	kWh by Voltage (September	r-Dec)						
13	Secondary				21,863,196	24,978,716	7,292,530	140,464
14	Primary				•			
15	Şub/Tran		744,000,000	636,903				
	Loss Adjusted kWh							
16	Secondary	1.0662	0	D	23,310,540	26,632,307	7,775,295	149,763
17	Primary	1.028	. 0	0	0	. 0	0	0
18	Sub/Tran	1.0033	<b>746,455,200</b>	639,005	0	. 0	0	0
19	Total		746,455,200	639,005	23,310,540	26,632,307	7,775,295	149,763
20	FAC Rate @ Generation		0.029485356	0.034971424	0.028289974	0,025374821	0.022558053	0.021764638
	FAC Rate @ Meter							
21	Secondary	1.0662	0.0213301 *	0.0213301 *	0.0301628	0.0270546	0.0240514	0.0232055
22	Primary:	1.028	0.0205659	0.0205659				
23	Sub/Train	1.0033	0.0200717	0.0200717				
	Revenue Verification							
24	Secondary		0	G	659,455	675,789	175,396	3,260
25	Primery		0	0	0	0	Q	0
26	Sub/Tran		14,933,345	12,784	0	0	0	0
27	Total		14,933,345	12,784	659,455	675,789	175,396	3,260
28	Difference		(7,076,152)	(9,563)	a	(1)	D	0

<sup>\*</sup> Same as GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

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Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

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Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17 Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

<sup>&</sup>quot;Composite of GS-2, GS-3 & GS-4

		Voltage Loss				
Line No		Factors	SS	SBS	Total	
Elito Ita	2009 Revenues	1 00017	·	200	1.000	
1	Non-FAG		\$2,958,606	\$170,739	\$1,256,771,555	
2	FAC		\$1,036,200	\$21,179	\$504,049,868	
3	Total		3,994,805	191,918	1,760,821,423	
4	2010 Allowable % Increase		7%	7%	7%	
5	2010 Target Revenues		4,274,442	205,352	1,884,078,923	
	Less:					
6	Non-FAC		2,958,606	170,739	1,256,771,555	
	2010 increases Under Cap					
7	Reliability		1,044	54	406,477	
8	Environmental		20,587	1,117	8,437,173	
9	Subtotal		2,980,237	171,910	1,265,615,205	
10	2010 FAC Target	•	1,294,205	33,442	618,463,719	
11	Fuel Recovered (Jan-Aug)		866,4 <b>80</b>	20,587	416,272,169	
12	Revised FAC Target		427,725	12,855 0	202,191,549	
	kWh by Voltage (September	-Dec)				
13	Secondary	,	18,708,137			
14	Primary			•		
15	Sub/Tran			183,573		
	Loss Adjusted kWh					
16	Secondary	1.0662	19,946,616			
17	Primary	1.028	0			
1B	Sub/Tran	1.0033	0			
19	Total		19,946,616	٥		
20	FAC Rate @ Generation		0.021443472			
	FAC Rate @ Meter					
21	Secondary	1.0662	0.022863	0.0229305 **		
22	Primary	1.028		0.0219461 ***		
23	Sub/Train	1.0033		0.0202740		
	Revenue Verification					
24	Secondary		427,724	. 0		
25	Primary		D	0	•	
26	Sub/Tran		δ	3,722		
27	Total		427,724	3,722		
28	Difference		(1)	(9,133)		

<sup>\*</sup> Same as GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

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