

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 40th Revised SHEET NO. 28  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 39th Revised SHEET NO. 28

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M)  
RESIDENTIAL SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$8.00
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	11.36¢
Energy Efficiency Program Charge - per kWh	0.12¢
Energy Efficiency Investment Charge - per kWh	0.33¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$8.00
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	
First 750 kWh	8.08¢
Over 750 kWh	5.38¢
Energy Efficiency Program Charge - per kWh	0.07¢
Energy Efficiency Investment Charge - per kWh	0.33¢

Optional Time-of-Day Rate

Customer Charge - per month	\$16.81
Low-Income Pilot Program Charge - per month	\$ 0.03
Energy Charge - per kWh (1)	
Summer (June-September billing periods)	
All On Peak kWh	16.51¢
All Off Peak kWh	6.76¢
Winter (October-May billing periods)	
All On Peak kWh	9.74¢
All Off Peak kWh	4.82¢
Energy Efficiency Program Charge - per kWh	
Summer (June-September billing periods)	0.12¢
Winter (October-May billing periods)	0.07¢
Energy Efficiency Investment Charge - per kWh	0.33¢

(1) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

Payments. Bills are due and payable within ten (10) days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. Initial period one (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\* Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M)  
RESIDENTIAL SERVICE RATE (Cont'd.)

\*True-Up of Energy Efficiency Investment Charge. The Company shall, pursuant to the procedures outlined in the *Unanimous Stipulation And Agreement Resolving Ameren Missouri's MEEIA Filing approved in Case No. EO-2012-0142*, true-up, as close as reasonably practicable, the application of the Energy Efficiency Investment Charges on customer billings for the following items: a) all actual MEEIA Programs' Costs, b) the Company's Throughput Disincentive-Net Shared Benefits (TD-NSB) Share amounts and c) the Performance Incentive Award. Any difference between the Company's billed and actual MEEIA program costs, and any difference between the billed and 100% of the actual TD-NSB share will be tracked with interest and trued-up for amortization in a future general electric rate case. Should a rider mechanism be in effect for the Energy Efficiency Investment Charge, then the rider will be used to effectuate the true-up.

\*Prudency Review of Energy Efficiency Investment Charge. Commission staff shall perform prudence reviews no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any amount the Commission orders refunded as a result of such a prudence review shall be a reduction to the Company's revenue requirement in the first general electric rate proceeding occurring after such Commission order. However, if a rider mechanism is in effect for recovery of Energy Efficiency Investment Charges, then any prudence review refund shall be effectuated through that rider.

\* Indicates Addition.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 28th Revised SHEET NO. 32  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 27th Revised SHEET NO. 32

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2(M)  
SMALL GENERAL SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	
Single Phase Service	\$9.74
Three Phase Service	\$19.49
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	10.34¢
Energy Efficiency Program Charge - per kWh (3)	0.04¢
Energy Efficiency Investment Charge - per kWh (3)	0.16¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	
Single Phase Service	\$9.74
Three Phase Service	\$19.49
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	
Base Use	7.71¢
Seasonal Use(1)	4.45¢
Energy Efficiency Program Charge - per kWh (3)	0.03¢
Energy Efficiency Investment Charge - per kWh (3)	0.16¢

Optional Time-of-Day Rate

Customer Charge - per month	
Single Phase Service	\$19.53
Three Phase Service	\$39.05
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh (2)	
Summer (June-September billing periods)	
All On Peak kWh	15.35¢
All Off Peak kWh	6.25¢
Winter (October-May billing periods)	
All On Peak kWh	10.11¢
All Off Peak kWh	4.64¢
Energy Efficiency Program Charge - per kWh (3)	
Summer (June-September billing periods)	0.04¢
Winter (October-May billing periods)	0.03¢
Energy Efficiency Investment Charge - per kWh (3)	0.16¢

- (1) The winter seasonal energy use shall be all kWh in excess of 1,000 kWh per month and in excess of the lesser of a) the kWh use during the preceding May billing period, or b) October billing period, or c) the maximum monthly kWh use during any preceding summer month.
- (2) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph A.
- (3) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\*Indicates Change.

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DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2(M)  
SMALL GENERAL SERVICE RATE

Payments. Bills are due and payable within ten (10) days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. One (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation, or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*True-Up of Energy Efficiency Investment Charge. The Company shall, pursuant to the procedures outlined in the *Unanimous Stipulation And Agreement Resolving Ameren Missouri's MEEIA Filing approved in Case No. EO-2012-0142*, true-up, as close as reasonably practicable, the application of the Energy Efficiency Investment Charges on customer billings for the following items: a) all actual MEEIA Programs' Costs, b) the Company's Throughput Disincentive-Net Shared Benefits (TD-NSB) Share amounts and c) the Performance Incentive Award. Any difference between the Company's billed and actual MEEIA program costs, and any difference between the billed and 100% of the actual TD-NSB share will be tracked with interest and trued-up for amortization in a future general electric rate case. Should a rider mechanism be in effect for the Energy Efficiency Investment Charge, then the rider will be used to effectuate the true-up.

\*Prudency Review of Energy Efficiency Investment Charge. Commission staff shall perform prudence reviews no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any amount the Commission orders refunded as a result of such a prudence review shall be a reduction to the Company's revenue requirement in the first general electric rate proceeding occurring after such Commission order. However, if a rider mechanism is in effect for recovery of Energy Efficiency Investment Charges, then any prudence review refund shall be effectuated through that rider.

\*Indicates Addition.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3(M)

LARGE GENERAL SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$88.32
Low-Income Pilot Program Charge - per month	\$ 0.50
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	9.89¢
Next 200 kWh per kW of Billing Demand	7.44¢
All Over 350 kWh per kW of Billing Demand	5.00¢
Demand Charge - per kW of Total Billing Demand	\$ 4.62
Energy Efficiency Program Charge - per kWh (1)	0.08¢
Energy Efficiency Investment Charge - per kWh (1)	0.21¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$88.32
Low-Income Pilot Program Charge - per month	\$ 0.50
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.23¢
Next 200 kWh per kW of Base Demand	4.62¢
All Over 350 kWh per kW of Base Demand	3.63¢
Seasonal Energy Charge - Seasonal kWh	3.63¢
Demand Charge - per kW of Total Billing Demand	\$ 1.71
Energy Efficiency Program Charge - per kWh (1)	0.05¢
Energy Efficiency Investment Charge - per kWh (1)	0.21¢

(1) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Optional Time-of-Day Adjustments

Additional Customer Charge - per Month	\$19.50 per month	
Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours (2)</u>	<u>Hours (2)</u>
Summer kWh(June-September billing periods)	+1.17¢	-0.66¢
Winter kWh(October-May billing periods)	+0.35¢	-0.20¢

(2) On-peak and off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 3rd Revised SHEET NO. 34.1CANCELLING MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 34.1APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3(M)  
LARGE GENERAL SERVICE RATE (Con'd.)

Payments. Bills are due and payable within ten (10) days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. One (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*True-Up of Energy Efficiency Investment Charge. The Company shall, pursuant to the procedures outlined in the *Unanimous Stipulation And Agreement Resolving Ameren Missouri's MEEIA Filing approved in Case No. EO-2012-0142*, true-up, as close as reasonably practicable, the application of the Energy Efficiency Investment Charges on customer billings for the following items: a) all actual MEEIA Programs' Costs, b) the Company's Throughput Disincentive-Net Shared Benefits (TD-NSB) Share amounts and c) the Performance Incentive Award. Any difference between the Company's billed and actual MEEIA program costs, and any difference between the billed and 100% of the actual TD-NSB share will be tracked with interest and trued-up for amortization in a future general electric rate case. Should a rider mechanism be in effect for the Energy Efficiency Investment Charge, then the rider will be used to effectuate the true-up.

\*Prudence Review of Energy Efficiency Investment Charge. Commission staff shall perform prudence reviews no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any amount the Commission orders refunded as a result of such a prudence review shall be a reduction to the Company's revenue requirement in the first general electric rate proceeding occurring after such Commission order. However, if a rider mechanism is in effect for recovery of Energy Efficiency Investment Charges, then any prudence review refund shall be effectuated through that rider.

\* Indicates Addition.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 38th Revised SHEET NO. 37  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 37th Revised SHEET NO. 37

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 4(M)  
SMALL PRIMARY SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$299.60
Low-Income Pilot Program Charge - per month	\$ 0.50
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	9.56¢
Next 200 kWh per kW of Billing Demand	7.20¢
All Over 350 kWh per kW of Billing Demand	4.83¢
Demand Charge - per kW of Total Billing Demand	\$ 3.82
Reactive Charge - per kVar	35.00¢
Energy Efficiency Program Charge - per kWh (1)	0.09¢
Energy Efficiency Investment Charge - per kWh (1)	0.22¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$299.60
Low-Income Pilot Program Charge - per month	\$ 0.50
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.02¢
Next 200 kWh per kW of Base Demand	4.47¢
All Over 350 kWh per kW of Base Demand	3.50¢
Seasonal Energy Charge - Seasonal kWh	3.50¢
Demand Charge - per kW of Total Billing Demand	\$ 1.39
Reactive Charge - per kVar	35.00¢
Energy Efficiency Program Charge - per kWh (1)	0.06¢
Energy Efficiency Investment Charge - per kWh (1)	0.22¢

(1) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Optional Time-of-Day Adjustments

Additional Customer Charge - per Month	\$19.50 per month	
Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours (2)</u>	<u>Hours (2)</u>
Summer kWh(June-September billing periods)	+0.85¢	-0.48¢
Winter kWh(October-May billing periods)	+0.32¢	-0.17¢

(2) On-peak and Off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\*Indicates Change.

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DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 53rd RevisedSHEET NO. 37.1CANCELLING MO.P.S.C. SCHEDULE NO. 52nd RevisedSHEET NO. 37.1

APPLYING TO

MISSOURI SERVICE AREA

**SERVICE CLASSIFICATION NO. 4(M)**  
**SMALL PRIMARY SERVICE RATE (CONT'D.)**

Payments. Bills are due and payable within ten days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. One (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\* True-Up of Energy Efficiency Investment Charge. The Company shall, pursuant to the procedures outlined in the *Unanimous Stipulation And Agreement Resolving Ameren Missouri's MEEIA Filing approved in Case No. EO-2012-0142*, true-up, as close as reasonably practicable, the application of the Energy Efficiency Investment Charges on customer billings for the following items: a) all actual MEEIA Programs' Costs, b) the Company's Throughput Disincentive-Net Shared Benefits (TD-NSB) Share amounts and c) the Performance Incentive Award. Any difference between the Company's billed and actual MEEIA program costs, and any difference between the billed and 100% of the actual TD-NSB share will be tracked with interest and trued-up for amortization in a future general electric rate case. Should a rider mechanism be in effect for the Energy Efficiency Investment Charge, then the rider will be used to effectuate the true-up.

\* Prudence Review of Energy Efficiency Investment Charge. Commission staff shall perform prudence reviews no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any amount the Commission orders refunded as a result of such a prudence review shall be a reduction to the Company's revenue requirement in the first general electric rate proceeding occurring after such Commission order. However, if a rider mechanism is in effect for recovery of Energy Efficiency Investment Charges, then any prudence review refund shall be effectuated through that rider.

\*Indicates Addition.

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DATE OF ISSUE December 17, 2012DATE EFFECTIVE January 16, 2013ISSUED BY Warner L. Baxter  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)  
STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED

\* Rate per Unit per Month  
Lamp and Fixture

A. Standard horizontal burning, enclosed luminaire on existing wood pole:

<u>High Pressure Sodium</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
9,500	\$11.79	6,800	\$11.79
25,500	\$17.04	20,000	\$17.04
50,000	\$30.38	54,000	\$30.38
		108,000	\$60.77

B. Standard side mounted, hood with open bottom glassware on existing wood pole:

<u>High Pressure Sodium</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
5,800	\$ 9.55	3,300	\$ 9.55
9,500	\$10.43	6,800	\$10.43

C. Standard post-top luminaire including standard 17-foot post:

<u>High Pressure Sodium</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
9,500	\$21.85	3,300	\$20.65
		6,800	\$21.85

D. Pole-mounted, direction flood luminaire; limited to installations accessible to Company basket truck:

<u>High Pressure Sodium</u>		<u>Metal Halide</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
25,500	\$21.63	34,000	\$21.63	20,000	\$21.63
50,000	\$34.21	100,000	\$68.38	54,000	\$34.21

(1) Mercury Vapor lamps and fixtures are limited to customers served under contracts initiated prior to September 27, 1988. Company will continue to maintain these lamps and fixtures so long as parts are economically available.

\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)  
STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

\* E. All poles and cable, where required to provide lighting service:

The installation of all standard poles and cables shall be paid for in advance by customer, with all subsequent replacements of said facilities provided by Company.

F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:

<u>Lamp and Fixture</u>	<u>*Per Unit Monthly Rate</u>
1,000 Lumens	\$11.30
2,500 "	15.25
4,000 "	17.60
6,000 "	19.54
10,000 "	26.53

\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)  
STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

G. Former Subsidiary Company lighting units provided under contracts initiated prior to April 9, 1986, which facilities will only be maintained by Company so long as parts are available in Company's present stock:

<u>Lamp and Fixture</u>	<u>*Per Unit Monthly Rate</u>
11,000 Lumens, Mercury Vapor, Post-Top	\$21.85
11,000 Lumens, Mercury Vapor, Open Bottom	10.43
11,000 Lumens, Mercury Vapor, Horizontal Enclosed	11.79
42,000 Lumens, Mercury Vapor, Horizontal Enclosed	30.38
16,000 Lumens, H.P. Sodium, Horizontal Enclosed	11.79
34,200 Lumens, H.P. Sodium, Directional(2)	21.63
140,000 Lumens, H.P. Sodium, Directional	68.38
20,000 Lumens, Metal Halide, Directional	21.63

(2) This lamp represents a mercury vapor fixture with H.P. Sodium lamp.

Term of Contract. Minimum term of three (3) years where only standard facilities are installed; ten (10) years where post-top luminaires are installed.

Discount for Franchised Municipal Customers. A 10% discount will be applied to bills rendered for lighting facilities served under the above rates and currently contracted for by municipalities with whom the Company has an ordinance granted electric franchise as of September 27, 1988. The above discount shall only apply for the duration of said franchise. Thereafter, the above discount shall apply only when the following two conditions are met: 1) any initial or subsequent ordinance granted electric franchise must be for a minimum term of twenty (20) years and 2) Company must have a contract for all lighting facilities for municipal lighting service provided by Company in effect.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*Indicates Change.

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 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 6(M)  
STREET AND OUTDOOR AREA LIGHTING - CUSTOMER-OWNED

\*Monthly Rate For Metered Service

Customer Charge Per Meter \$6.38 per month  
 Energy Charge 4.31¢ per kWh

\*Rate Per Unit Per Month For Unmetered Service

Customer Charge per account \$6.38 per month

<u>H.P. Sodium</u>	<u>Energy &amp; Maintenance (1)</u>	<u>Energy Only (2)</u>
9,500 Lumens, Standard	\$ 3.43	\$ 1.66
16,000 Lumens, Standard	N/A	2.83
25,500 Lumens, Standard	5.97	4.25
50,000 Lumens, Standard	8.62	6.68
 <u>Metal Halide</u>		
5,500 Lumens, Standard	\$ 4.96	N/A
12,900 Lumens, Standard	5.94	N/A
 <u>Mercury Vapor</u> <u>(3)</u>		
3,300 Lumens, Standard	\$ 3.43	\$ 1.76
6,800 Lumens, Standard	4.47	2.86
11,000 Lumens, Standard	6.04	4.08
20,000 Lumens, Standard	8.01	6.29
42,000 Lumens, Standard	N/A	10.48
54,000 Lumens, Standard	17.11	14.97

- (1) Company will furnish electric energy, furnish and replace lamps, and adjust and replace control mechanisms, as required.
- (2) Limited to lamps served under contracts initiated prior to September 27, 1988.
- (3) Maintenance of lamps and fixtures limited to customers served under contracts prior to November 15, 1991.
- N/A Not Available.

Term of Contract. One (1) year, terminable thereafter on three (3) days' notice.

Discount For Franchised Municipal Customers. A 10% discount will be applied to bills rendered for lighting facilities served under the above rates and currently contracted for by municipalities with whom the Company has an ordinance granted electric franchise as of September 27, 1988. The above discount shall only apply for the duration of said franchise. Thereafter, the above discount shall apply only when the following two conditions are met: 1) any initial or subsequent ordinance granted electric franchise must be for a minimum term of twenty (20) years and 2) Company must have a contract for all lighting facilities for municipal lighting service provided by Company in effect.

\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 7(M)  
MUNICIPAL STREET LIGHTING - INCANDESCENT  
RATE OF LIMITED APPLICATION

\*Rate per Lamp per Month

	<u>Incandescent</u>				
	<u>1,000</u>	<u>2,500</u>	<u>4,000</u>	<u>6,000</u>	<u>10,000</u>
	<u>Lumen</u>	<u>Lumen</u>	<u>Lumen</u>	<u>Lumen</u>	<u>Lumen</u>
<u>Wood Pole Rates</u>	\$4.33	\$6.59	\$8.99	\$11.94	\$16.35

Ornamental Pole. Add \$7.11 per month per pole to above Wood Pole Rates.

\* Customer-Owned Street Lighting Facilities. Where customer furnishes, installs and owns all street lighting facilities, service will be supplied as follows:

For Metered Service:

Customer Charge per Meter \$14.86 per month

1) Secondary Service 4.33¢ per kWh

2) Primary Service - Rider C shall be applied.

Customer shall install suitable switching and protective equipment, meter loop, space and mounting facilities for Company metering devices.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

Payments. Bills are due and payable within ten (10) days from date of bill.

Term of Contract. Ten (10) years. Customer, if not legally authorized to contract for all of an initial or succeeding ten-year contract term at one time, may sign an agreement for the maximum period for which it is legally authorized to contract, and said agreement will continue in force thereafter for successive one-year periods unless terminated by either party by written notice given not less than sixty (60) days prior to any annual termination date.

\*Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 15th Revised SHEET NO. 67.1  
 CANCELLING MO.P.S.C.SCHEDULE NO. 5 14th Revised SHEET NO. 67.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 11(M)  
LARGE PRIMARY SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$299.60
Low-Income Pilot Program Charge - per month	\$ 50.00
Energy Charge - per kWh	3.24¢
Demand Charge - per kW of Billing Demand	\$ 19.36
Reactive Charge - per kVar	35.00¢
Energy Efficiency Program Charge - per kWh (1)	0.04¢
Energy Efficiency Investment Charge - per kWh (1)	0.21¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$299.60
Low-Income Pilot Program Charge - per month	\$ 50.00
Energy Charge - per kWh	2.87¢
Demand Charge - per kW of Billing Demand	\$ 8.79
Reactive Charge - per kVar	35.00¢
Energy Efficiency Program Charge - per kWh (1)	0.03¢
Energy Efficiency Investment Charge - per kWh (1)	0.21¢

(1) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Optional Time-of-Day Adjustments

Additional Customer Charge - per month	\$19.50 per month	
Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours(2)</u>	<u>Hours(2)</u>
Summer kWh(June-September billing periods)	+0.63¢	-0.35¢
Winter kWh(October-May billing periods)	+0.29¢	-0.15¢

(2) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

Payments. Bills are due and payable within ten (10) days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. One (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 11(M)  
LARGE PRIMARY SERVICE RATE (CONT'D.)

1. Rate Application. The rate shall be applicable, at customer's request, to all service at a primary voltage or higher, provided customer agrees to a minimum monthly billing demand of 5000 kilowatts.
2. Character of Service Supplied. Company will specify and supply a standard three-phase alternating current primary service voltage. Where Company supplies service at 34.5 kV or higher, the appropriate adjustments under Rider B will apply.
3. Cumulation of Services. Service provided through multiple meters to the same customer on the same premises and cumulated for billing purposes under this Service Classification, prior to May 5, 1990, may continue to receive such billing. Unless otherwise required for Company's engineering or other reasons, any additional services installed at customer's request and agreed to by Company on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.
4. Demand Meters. Company will install demand meters for the measurement of demands.
5. Billing Demand. The billing demand in any month will be the highest demand established during peak hours or 50% of the highest demand established during off-peak hours, whichever is highest during the month, but in no event less than 5000 kW.

Peak hours and off-peak hours are defined as follows:

Peak hours: 10:00 A.M. to 10:00 P.M., Monday thru Friday.

Off-Peak hours: All other hours including the entire 24 hours of the following days:

New Year's Day	Independence Day	Thanksgiving Friday
Good Friday	Labor Day	Christmas Eve Day
Memorial Day	Thanksgiving Day	Christmas Day

All times stated above apply to the local effective time.

- \*6. Reactive Charge. The charge specified in this rate shall be applicable to the kilovars by which the customer's average metered kilovars exceed the customer's kilovars at an average power factor of 90% lagging during the billing period. Such average kilovar billing units shall be determined in accordance with the following formula:

$$kVar = \left( \frac{kVarh}{kWh} - 0.4843 \right) (kW)$$

where:

- kVar = kilovar billing units
- kVarh = metered kilovarhours
- kWh = metered kilowatthours
- kW = metered kilowatts
- 0.4843 = kilovar requirement at 90% lagging power factor.

Where in the Company's judgement application of the above forumula would not be appropriate to full or partial self-generation customers, an alternative agreement, between Company and customers, for the payment of reactive supply facilities may be substituted for said formula.

\*Indicates Reissue.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
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APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 11(M)  
LARGE PRIMARY SERVICE RATE (Cont'd.)

- 7. Optional Time-of-Day (TOD) Service. Applicable at customer's option for all Large Primary Service usage, subject to the following provisions:
  - A. Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
  - B. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
  - C. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.
  
- \*8. True-Up of Energy Efficiency Investment Charge. The Company shall, pursuant to the procedures outlined in the *Unanimous Stipulation And Agreement Resolving Ameren Missouri's MEEIA Filing approved in Case No. EO-2012-0142*, true-up, as close as reasonably practicable, the application of the Energy Efficiency Investment Charges on customer billings for the following items: a) all actual MEEIA Programs' Costs, b) the Company's Throughput Disincentive-Net Shared Benefits (TD-NSB) Share amounts and c) the Performance Incentive Award. Any difference between the Company's billed and actual MEEIA program costs, and any difference between the billed and 100% of the actual TD-NSB share will be tracked with interest and trued-up for amortization in a future general electric rate case. Should a rider mechanism be in effect for the Energy Efficiency Investment Charge, then the rider will be used to effectuate the true-up.
  
- \*9. Prudency Review of Energy Efficiency Investment Charge. Commission staff shall perform prudence reviews no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any amount the Commission orders refunded as a result of such a prudence review shall be a reduction to the Company's revenue requirement in the first general electric rate proceeding occurring after such Commission order. However, if a rider mechanism is in effect for recovery of Energy Efficiency Investment Charges, then any prudence review refund shall be effectuated through that rider.
  
- \*\*10. General Rules and Regulations. In addition to the above specific rules and regulations, all of the Company's General Rules and Regulations shall apply to the supply of service under this rate.

\*Indicates Addition.                      \*\*Indicates Reissue.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
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APPLYING TO MISSOURI SERVICE AREA

MISCELLANEOUS CHARGES

A. Reconnection Charges per Connection Point

Sheet No. 106, Par. B-3 (Annually Recurring Service) \$30.00  
 Sheet No. 184, Par. I (Reconnection of Service) \$30.00

\*B. Supplementary Service Minimum Monthly Charges

Sheet No. 103, Par. C-3

Charges applicable during 4 monthly  
billing periods of June through September Primary Service Rate

Customer Charge per month, plus	\$299.60
Low-Income Pilot Program Charge - per month	\$50.00
All kW @	\$19.36

Charges applicable during 8 monthly  
billing periods of October through May Primary Service Rate

Customer Charge per month, plus	\$299.60
Low-Income Pilot Program Charge - per month	\$50.00
All kW @	\$8.79

C. Service Call Charge. Customer's reporting service problems may be charged a \$50.00 fee for a service call, if it is determined the problem is within the customer's electrical system.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
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APPLYING TO MISSOURI SERVICE AREA

**SERVICE CLASSIFICATION NO. 12(M)**  
**LARGE TRANSMISSION SERVICE RATE**

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during four (4) monthly billing periods of June through September)

Customer Charge - per month	\$299.60
Low-Income Pilot Program Charge - per month	\$1,500.00
Demand Charge - per kW of Billing Demand	\$14.30
Energy Charge - per kWh	2.715¢
Reactive Charge - per kVar	35.000¢

Winter Rate (Applicable during eight (8) monthly billing periods of October through May)

Customer Charge - per month	\$299.60
Low-Income Pilot Program Charge - per month	\$1,500.00
Demand Charge - per kW of Billing Demand	\$5.46
Energy Charge - per kWh	2.391¢
Reactive Charge - per kVar	35.000¢

Optional Time-of-Day Adjustments

Additional Customer Charge - per month	\$19.50	
Energy Adjustment - per kWh	On-Peak Hours(1)	Off-Peak Hours(1)
Summer kWh (June-September Billing Periods)	+0.55¢	-0.31¢
Winter kWh (October-May Billing Periods)	+0.25¢	-0.14¢

(1) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\* Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO. P. S. C. SCHEDULE NO. 5 5th Revised SHEET NO. 68.1

CANCELLING MO. P.S.C. SCHEDULE NO. 5 4th Revised SHEET NO. 68.1

APPLYING TO MISSOURI SERVICE AREA

**SERVICE CLASSIFICATION NO. 12(M)**  
**LARGE TRANSMISSION SERVICE RATE (Cont'd.)**

\* Energy Line Loss Rate. Compensation for Customer's energy line losses from use of the transmission system(s) outside Company's control area shall be in the form of energy solely supplied by Company to the transmission owner(s) and compensated by payment at a monthly rate of \$0.0367 per kWh after appropriate Rider C adjustment of meter readings.

1. Transmission Service Requirements. Company's obligation to provide service under this rate is conditioned upon receipt of approval from the appropriate Regional Transmission Organization ("RTO") to incorporate Customer's load within Company's Network Integration Transmission Service agreement without the obligation or requirement that Company construct, upgrade, or improve any existing or new transmission plant or facilities.

\* Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

**APPLICABILITY**

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), 7(M), 11(M), and 12(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation, net of Off-System Sales Revenues (OSSR) (i.e., Actual Net Fuel Costs) and Net Base Fuel Costs (factor NBFC, as defined below), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Filing Date</u>	<u>Recovery Period (RP)</u>
February through May	By August 1	October through May
June through September	By December 1	February through September
October through January	By April 1	June through January

Accumulation Period (AP) means the historical calendar months during which fuel and purchased power costs, including transportation, net of OSSR for all kWh of energy supplied to Missouri retail customers are determined.

Recovery Period (RP) means the billing months as set forth in the above table during which the difference between the Actual Net Fuel Costs during an Accumulation Period and NBFC are applied to and recovered through retail customer billings on a per kWh basis, as adjusted for service voltage level.

The Company will make a Fuel and Purchased Power Adjustment (FPA) filing by each Filing Date. The new FPA rates for which the filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FPA filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

**FPA DETERMINATION**

Ninety five percent (95%) of the difference between Actual Net Fuel Costs and NBFC for all kWh of energy supplied to Missouri retail customers during the respective Accumulation Periods shall be reflected as an FPA<sub>c</sub> credit or debit, stated as a separate line item on the customer's bill and will be calculated according to the following formulas.

For the FPA filing made by each Filing Date, the FPA<sub>c</sub> rate, applicable starting with the Recovery Period following the applicable Filing Date, to recover fuel and purchased power costs, including transportation, net of OSSR, to the extent they vary from Net Base Fuel Costs (NBFC), as defined below, during the recently-completed Accumulation Period is calculated as:

\*\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.16CANCELLING MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.16APPLYING TO MISSOURI SERVICE AREA**RIDER FAC****FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

$$FPA_{(RP)} = [[(CF+CPP-OSSR-W) - (NBFC \times S_{AP})] \times 95\% + I + R - N] / S_{RP}$$

The FPA rate, which will be multiplied by the voltage level adjustment factors set forth below, applicable starting with the following Recovery Period is calculated as:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)} + FPA_{(RP-2)}$$

Effective with the Company's April 1, 2012 filing, FPA<sub>C</sub> shall be revised to:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)}$$

where:

- FPA<sub>C</sub> = Fuel and Purchased Power Adjustment rate applicable starting with the Recovery Period following the applicable Filing Date.
- FPA<sub>RP</sub> = FPA Recovery Period rate component calculated to recover under/over collection during the Accumulation Period that ended prior to the applicable Filing Date.
- FPA<sub>(RP-1)</sub> = FPA Recovery Period rate component from prior FPA<sub>RP</sub> calculation, if any.
- FPA<sub>(RP-2)</sub> = FPA Recovery Period rate component from FPA<sub>RP</sub> calculation prior to FPA<sub>(RP-1)</sub>, if any.
- CF = Fuel costs incurred to support sales to all retail customers and Off-System Sales allocated to Missouri retail electric operations, including transportation, associated with the Company's generating plants. These costs consist of the following:

a) For fossil fuel or hydroelectric plants:

(i) the following costs reflected in Federal Energy Regulatory Commission (FERC) Account Number 501: coal commodity, applicable taxes, gas, alternative fuels, fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs (for purposes of factor CF, hedging is defined as realized losses and costs minus realized gains associated with mitigating volatility in the Company's cost of fuel and purchased power, including but not limited to, the Company's use of futures, options and over-the-counter derivatives

\*\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
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MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.17CANCELLING MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.17APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps), hedging costs associated with SO2 and fuel oil adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, ash disposal revenues and expenses, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

(ii) the following costs reflected in FERC Account Number 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation charges, fuel losses, hedging costs, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

(iii) costs and revenues for SO<sub>2</sub> and NO<sub>x</sub> emission allowances;

b) Costs in FERC Account Number 518 (Nuclear Fuel Expense).

CPP = Costs of purchased power reflected in FERC Account Numbers 555, 565, and 575, excluding MISO administrative fees arising under MISO Schedules 10, 16, 17, and 24, and excluding capacity charges for contracts with terms in excess of one (1) year, incurred to support sales to all Missouri retail customers and Off-System Sales allocated to Missouri retail electric operations. Also included in factor "CPP" are insurance premiums in FERC Account Number 924 for replacement power insurance to the extent those premiums are not reflected in base rates. Changes in replacement power insurance premiums from the level reflected in base rates shall increase or decrease purchased power costs. Additionally, costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles.

OSSR = All revenues in FERC Account 447.

\*\*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.18CANCELLING MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.18APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

Adjustment For Reduction of Service Classification 12(M) Billing Determinants:

Should the level of monthly billing determinants under Service Classification 12(M) fall below the level of normalized 12(M) monthly billing determinants as established in Case No. ER-2011-0028 an adjustment to OSSR shall be made in accordance with the following levels:

- a) A reduction of less than 40,000,000 kWh in a given month  
- No adjustment will be made to OSSR.
  - b) A reduction of 40,000,000 kWh or greater in a given month  
- All Off-System Sales revenues derived from all kWh of energy sold off-system due to the entire reduction shall be excluded from OSSR.
- W = \$300,000 per month for the months, July 1, 2010 through, June 30, 2011. This factor "W" expires on June 30, 2011.
- N = The positive amount by which, over the course of the Accumulation Period, (a) revenues derived from the off-system sale of power made possible as a result of reductions in the level of 12(M) sales (as addressed in the definition of OSSR above) exceeds (b) the reduction of 12(M) revenues compared to normalized 12(M) revenues as determined in Case No. ER-2011-0028.
- I = Interest applicable to (i) the difference between Actual Net Fuel Costs (adjusted for factor "W") and NBFC for all kWh of energy supplied to Missouri retail customers during an Accumulation Period until those costs have been recovered; (ii) refunds due to prudence reviews (a portion of factor R, below); and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings provided for herein (a portion of factor R, below). Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

\*\*Indicates Change.

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DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

- R = Under/over recovery (if any) from currently active and prior Recovery Periods as determined for the FAC true-up adjustments, and modifications due to adjustments ordered by the Commission, as a result of required prudence reviews or other disallowances and reconciliations, with interest as defined in item I.
- S<sub>AP</sub> = kWh during the Accumulation Period that ended prior to the applicable Filing Date, as measured by taking the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), plus the kWh reductions up to the kWh of energy sold off-system associated with the 12(M) OSSR adjustment above.
- S<sub>RP</sub> = Applicable Recovery Period estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), subject to the FPA<sub>RP</sub> to be billed.
- NBFC = Net Base Fuel Costs are the net costs determined by the Commission's order as the normalized test year value for the sum of allowable fuel costs (consistent with the term CF), plus cost of purchased power (consistent with the term CPP), less revenues from off-system sales (consistent with the term OSSR), less an adjustment (consistent with the term "W"), expressed in cents per kWh, based on the retail kWh from the net output calculation in the fuel run used in part to determine Net Base Fuel Costs, as included in the Company's retail rates. The NBFC rate applicable to June through September calendar months ("Summer NBFC Rate") is 1.319 cents per kWh. The NBFC rate applicable to October through May calendar months ("Winter NBFC Rate") is 1.213 cents per kWh.

To determine the FPA rates applicable to the individual Service Classifications, the FPA<sub>c</sub> rate determined in accordance with the foregoing will be multiplied by the following voltage level adjustment factors:

Secondary Voltage Service	1.0557
Primary Voltage Service	1.0234
Large Transmission Voltage Service	0.9906

The FPA rates applicable to the individual Service Classifications shall be rounded to the nearest 0.001 cents, to be charged on a cents/kWh basis for each applicable kWh billed.

\*\*Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

**TRUE-UP OF FAC**

After completion of each Recovery Period, the Company will make a true-up filing in conjunction with an adjustment to its FAC. The true-up filing shall be made on the same day as the filing made to adjust its FAC. Any true-up adjustments or refunds shall be reflected in item R above, and shall include interest calculated as provided for in item I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the Recovery Period.

**GENERAL RATE CASE/PRUDENCE REVIEWS**

The following shall apply to this Fuel and Purchased Power Adjustment Clause, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Missouri Public Service Commission order implementing or continuing this Fuel and Purchased Power Adjustment Clause. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this Fuel and Purchased Power Adjustment Clause, or any period for which charges hereunder must be fully refunded. In the event a court determines that this Fuel and Purchased Power Adjustment Clause is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this Fuel and Purchased Power Adjustment Clause to file such a rate case.

Prudence reviews of the costs subject to this Fuel and Purchased Power Adjustment Clause shall occur no less frequently than every eighteen months, and any such costs which are determined by the Missouri Public Service Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers with interest at a rate equal to the weighted average interest rate paid on the Company's short-term debt.

\*\*Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC\*\***

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

**APPLICABILITY**

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), 7(M), 11(M), and 12(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation and emissions costs and revenues, net of off-system sales revenues (OSSR) (i.e., Actual Net Energy Costs (ANEC)) and Net Base Energy Costs (B), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Recovery Period (RP)</u>
February through May	October through May
June through September	February through September
October through January	June through January

AP means the four (4) calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate (FAR).

RP means the billing months during which the FAR is applied to retail customer usage on a per kWh basis, as adjusted for service voltage.

The Company will make a FAR filing no later than sixty (60) days prior to the first billing cycle read date of the applicable Recovery Period above. All FAR filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

**FAR DETERMINATION**

Ninety five percent (95%) of the difference between ANEC and B for each respective AP will be utilized to calculate the FAR under this rider pursuant to the following formula with the results stated as a separate line item on the customers' bills.

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NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC\*\***

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

For each FAR filing made, the FAR<sub>RP</sub> is calculated as:

$$FAR_{RP} = [(ANEC - B) \times 95\% + I \pm P \pm T] / S_{RP}$$

Where:

ANEC = FC + PP + E - OSSR

FC = Fuel costs and revenues associated with the Company's generating plants. These consist of the following:

1. For fossil fuel plants:

- A. the following costs and revenues (including applicable taxes) reflected in Federal Energy Regulatory Commission (FERC) Account 501 for: coal commodity, gas, alternative fuels, fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs, fuel oil adjustments included in commodity and transportation costs, oil costs, ash disposal costs and revenues, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and
- B. the following costs and revenues reflected in FERC Account 502 for: consumable costs related to Air Quality Control System (AQCS) operation, such as urea, limestone and powder activated carbon; and
- C. the following costs and revenues reflected in FERC Account 547 for: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation, fuel losses, hedging, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

2. Costs and revenues in FERC Account 518 (Nuclear Fuel Expense), including nuclear fuel commodity and waste disposal expense, and nuclear fuel hedging costs.

PP = Purchased power costs and revenues and consists of the following:

- 1. Costs and revenues for purchased power reflected in FERC Accounts 555 and 575, excluding all charges under Midwest Independent Transmission System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and excluding generation capacity charges for contracts with terms in excess of one (1) year. Such costs and revenues include:

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**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

- A. MISO costs or revenues for MISO's energy and operating reserve market settlement charge types and capacity market settlement clearing costs or revenues associated with:
  - i. Energy;
  - ii. Losses;
  - iii. Congestion management including:
    - a. Congestion;
    - b. Financial Transmission Rights; and
    - c. Auction Revenue Rights;
  - iv. Generation capacity acquired in MISO's capacity auction or market; provided such capacity is acquired for a term of one (1) year or less;
  - v. Revenue sufficiency guarantees;
  - vi. Revenue neutrality uplift;
  - vii. Net inadvertent energy distribution amounts;
  - viii. Ancillary Services, including:
    - a. Regulating reserve service (MISO Schedule 3, or its successor);
    - b. Energy imbalance service (MISO Schedule 4, or its successor);
    - c. Spinning reserve service (MISO Schedule 5, or its successor); and
    - d. Supplemental reserve service (MISO Schedule 6, or its successor); and
  - ix. Demand response, including:
    - a. Demand response allocation uplift; and
    - b. Emergency demand response cost allocation (MISO Schedule 30, or its successor);
- B. Non-MISO costs or revenues as follows:
  - i. If received from a centrally administered market (e.g. PJM/SPP), costs or revenues of an equivalent nature to those identified for the MISO costs or revenues specified in subpart A of part 1 above;
  - ii. If not received from a centrally administered market:
    - a. Costs for purchases of energy; and
    - b. Costs for purchases of generation capacity, provided such capacity is acquired for a term of one (1) year or less; and

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MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.25

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO

MISSOURI SERVICE AREARIDER FAC\*\*FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)Applicable To Service Provided On The Effective Date Of This Tariff Sheet And  
Thereafter

- C. Realized losses and costs (including broker commissions and fees) minus realized gains for financial swap transactions for electrical energy that are entered into for the purpose of mitigating price volatility associated with anticipated purchases of electrical energy for those specific time periods when the Company does not have sufficient economic energy resources to meet its native load obligations, so long as such swaps are for up to a quantity of electrical energy equal to the expected energy shortfall and for a duration up to the expected length of the period during which the shortfall is expected to exist; and
2. Insurance premiums in FERC Account 924 for replacement power insurance. Costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles; and
3. All transmission service costs reflected in FERC Account 565 and all transmission service revenues reflected in FERC Account 456.1. Such transmission service costs and revenues include:
- A. MISO costs and revenues associated with:
- i. network transmission service (MISO Schedule 9 or its successor);
  - ii. point-to-point transmission service (MISO Schedules 7 and 8 or their successors);
  - iii. System control and dispatch, (MISO Schedule 1 or its successor);
  - iv. Reactive supply and voltage control (MISO Schedule 2 or its successor);
  - v. MISO Schedule 11 or its successor;
  - vi. MISO Schedules 26, 26A, 37 and 38 or their successors; and
  - vii. MISO Schedule 33;
- B. Non-MISO costs associated with:
- i. network transmission service;
  - ii. point-to-point transmission service;
  - iii. System control and dispatch; and
  - iv. Reactive supply and voltage control.

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MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.26

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREARIDER FAC\*\*FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)Applicable To Service Provided On The Effective Date Of This Tariff Sheet And  
Thereafter

E = Costs and revenues for SO<sub>2</sub> and NO<sub>x</sub> emissions allowances in FERC Accounts 411.8, 411.9, and 509, including those associated with hedging.

OSSR = Costs and revenues in FERC Account 447 for:

1. Capacity;
2. Energy;
3. Ancillary services, including:
  - A. Regulating reserve service (MISO Schedule 3, or its successor);
  - B. Energy Imbalance Service (MISO Schedule 4, or its successor);
  - C. Spinning reserve service (MISO Schedule 5, or its successor); and
  - D. Supplemental reserve service (MISO Schedule 6, or its successor);
4. Make-whole payments, including:
  - A. Price volatility; and
  - B. Revenue sufficiency guarantee; and
5. Hedging.

Adjustment For Reduction of Service Classification 12(M) Billing Determinants:

Should the level of monthly billing determinants under Service Classification 12(M) fall below the level of normalized 12(M) monthly billing determinants as established in Case No. ER-2012-0166, an adjustment to OSSR shall be made in accordance with the following levels:

- a) A reduction of less than 40,000,000 kWh in a given month
  - No adjustment will be made to OSSR.
- b) A reduction of 40,000,000 kWh or greater in a given month
  - An adjustment excluding off-system sales revenue from OSSR will be made equal to the lesser of (1) all off-system sales revenues derived from all kWh of energy sold off-system due to the entire reduction, or (2) off-system sales revenues up to the reduction of 12(M) revenues compared to normalized 12(M) revenues as determined in Case No. ER-2012-0166.

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**RIDER FAC\*\***

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

For purposes of factors FC, E, and OSSR, "hedging" is defined as realized losses and costs (including broker commissions and fees associated with the hedging activities) minus realized gains associated with mitigating volatility in the Company's cost of fuel, off-system sales and emission allowances, including but not limited to, the Company's use of futures, options and over-the-counter derivatives including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps.

Costs and revenues not specifically detailed in Factors FC, PP, E, or OSSR shall not be included in the Company's FAR filings; provided however, in the case of Factors PP or OSSR the market settlement charge types under which MISO or another centrally administered market (e.g., PJM or SPP) bills/credits a cost or revenue need not be detailed in Factors PP or OSSR for the costs or revenues to be considered specifically detailed in Factors PP or OSSR; and provided further, should the MISO or another centrally administered market (e.g. PJM or SPP) implement a market settlement charge type not listed in Exhibit H of the Non-Unanimous Stipulation and Agreement Regarding Class Kilowatt-Hours, Revenues And Billing Determinants, Net Base Energy Costs, and Fuel Adjustment Clause Tariff Sheets approved in Case No. ER-2012-0166 (a "new charge type"):

- A. The Company may include the new charge type cost or revenue in its FAR filings if the Company believes the new charge type cost or revenue possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may be, subject to another party's right to challenge the inclusion (or failure to include) as outlined in E. below;
- B. The Company will include in its monthly reports required by the Commission's fuel adjustment clause rules notice of the new charge type no later than 60 days prior to the Company including the new charge type cost or revenue in a FAR filing. Such notice shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements;
- C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new charge type costs or revenues by amount, description and location within the monthly reports;
- D. The Company shall account for the new charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues; and

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**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

E. If the Company includes a new charge type cost or revenue in a FAR filing and a party challenges the inclusion (or if the Company does not include a new charge type cost or revenue and a party challenges the failure to include it), such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. To challenge the failure to include a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should have been included, because they do possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. In the event of a challenge, the Company shall bear the burden of proof to support its decision to include or exclude or its failure to include or exclude a new charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

Should FERC require any item covered by factors FC, PP, E or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

B =  $BF \times S_{AP}$

BF = The Base Factor, which is equal to the normalized value for the sum of allowable fuel costs (consistent with the term FC), plus cost of purchased power (consistent with the term PP), and emissions costs and revenues (consistent with the term E), less revenues from off-system sales (consistent with the term OSSR) divided by corresponding normalized retail kWh as adjusted for applicable losses. The normalized values referred to in the prior sentence shall be those values used to determine the revenue requirement in the Company's most recent rate case. The BF applicable to June through September calendar months (BF<sub>SUMMER</sub>) is \$0.01496 per kWh. The BF applicable to October through May calendar months (BF<sub>WINTER</sub>) is \$0.01454 per kWh.

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**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

- S<sub>AP</sub> = kWh during the AP that ended immediately prior to the FAR filing, as measured by taking the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), plus the kWh reductions up to the kWh of energy sold off-system associated with the 12(M) OSSR adjustment above plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).
- S<sub>RP</sub> = Applicable RP estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node) plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).
- I = Interest applicable to (i) the difference between ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered; (ii) refunds due to prudence reviews ("P"), if any; and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings ("T") provided for herein. Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.
- P = Prudence disallowance amount, if any, as defined below.
- T = True-up amount as defined below.

The FAR, which will be multiplied by the Voltage Adjustment Factors (VAF) set forth below is calculated as:

$$FAR = FAR_{RP} + FAR_{(RP-1)}$$

where:

- FAR = Fuel Adjustment Rate applied to retail customer usage on a per kWh basis starting with the applicable Recovery Period following the FAR filing.
- FAR<sub>RP</sub> = FAR Recovery Period rate component calculated to recover under- or over-collection during the Accumulation Period that ended immediately prior to the applicable filing.
- FAR<sub>(RP-1)</sub> = FAR Recovery Period rate component for the under- or over-collection during the Accumulation Period immediately preceding the Accumulation Period that ended immediately prior to the application filing for FAR<sub>RP</sub>.

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**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter**

To determine the FAR applicable to the individual Service Classifications, the FAR determined in accordance with the foregoing will be multiplied by the following Voltage Adjustment Factors (VAF):

Secondary Voltage Service (VAF <sub>SEC</sub> )	1.0575
Primary Voltage Service (VAF <sub>PRI</sub> )	1.0252
Large Transmission Voltage Service (VAF <sub>TRAN</sub> )	0.9917

The FAR applicable to the individual Service Classifications shall be rounded to the nearest \$0.00001 to be charged on a \$/kWh basis for each applicable kWh billed.

**TRUE-UP**

After completion of each RP, the Company shall make a true-up filing on the same day as its FAR filing. Any true-up adjustments shall be reflected in T above. Interest on the true-up adjustment will be included in I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the RP.

**GENERAL RATE CASE/PRUDENCE REVIEWS**

The following shall apply to this FAC, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Commission order implementing or continuing this FAC. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this FAC, or any period for which charges hereunder must be fully refunded. In the event a court determines that this FAC is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this FAC to file such a rate case.

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

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APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC\*\***

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**\*\* (Applicable To Calculation of Fuel Adjustment Rate for [month, day, year] through [month, day, year])**

Calculation of Current Fuel Adjustment Rate (FAR):

Accumulation Period Ending: Month, Day, Year

1. Actual Net Energy Cost (ANEC) (FC+PP+E-OSSR)		\$
2. Net Base Energy Cost (B)	-	\$
2.1 Base Factor (BF)	x	\$
2.2 Accumulation Period Sales (S <sub>AP</sub> )		kWh
3. Total Company Fuel and Purchased Power Difference	=	\$
3.1 Customer Responsibility	x	95%
4. Fuel and Purchased Power Amount to be Recovered	=	\$
4.1 Interest (I)	+	\$
4.2 True-Up Amount (T)	±	\$
4.3 Prudence Adjustment Amount (P)	±	
5. Fuel and Purchased Power Adjustment (FPA)	=	\$
6. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	kWh
7. Current Period Fuel Adjustment Rate (FAR <sub>RP</sub> )	=	\$/kWh
8. Prior Period Fuel Adjustment Rate (FAR <sub>RP-1</sub> )	+	\$/kWh
9. Fuel Adjustment Rate (FAR)	=	\$/kWh
10. Secondary Voltage Adjustment Factor (VAF <sub>SEC</sub> )		1.0575
11. FAR for Secondary Customers (FAR <sub>SEC</sub> )		\$/kWh
12. Primary Voltage Adjustment Factor (VAF <sub>PRI</sub> )		1.0252
13. FAR for Primary Customers (FAR <sub>PRI</sub> )		\$/kWh
14. Transmission Voltage Adjustment Factor (VAF <sub>TRAN</sub> )		0.9917
15. FAR for Transmission Customers (FAR <sub>TRAN</sub> )		\$/kWh

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MO.P.S.C. SCHEDULE NO. 5

22nd Revised

SHEET NO. 99

CANCELLING MO.P.S.C. SCHEDULE NO. 5

21st Revised

SHEET NO. 99

APPLYING TO

MISSOURI SERVICE AREA

Rider B

DISCOUNTS APPLICABLE FOR SERVICE TO SUBSTATIONS OWNED  
BY CUSTOMER IN LIEU OF COMPANY OWNERSHIP

Where a Customer served under rate schedules 4(M) or 11 (M) takes delivery of power and energy at a delivery voltage of 34kV or higher, Company will allow discounts from its applicable rate schedule as follows:

- \*1. A monthly credit of \$1.14/kW of billing demand for customers taking service at 34.5 or 69kV
- \*2. A monthly credit of \$1.35/kW of billing demand for customers taking service at 115kV or higher

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APPLYING TO

MISSOURI SERVICE AREA

VOLUNTARY GREEN PROGRAM - VGP (cont'd.)

COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Phases Energy, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. The Company will retain one dollar (\$1.00) of each fifteen dollars (\$15.00) paid by customers. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Voluntary Green Program will be Green-e Certified ® by the nonprofit Center for Resource Solutions.

\* TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this Program shall end on April 30, 2013.

TAX ADJUSTMENT

Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be added to bills rendered to customers under the jurisdiction of the taxing authority.

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MO.P.S.C. SCHEDULE NO. 5 5th Revised SHEET NO. 225CANCELLING MO.P.S.C. SCHEDULE NO. 5 4th Revised SHEET NO. 225APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY****PURPOSE**

The purpose of the Business Energy Efficiency Program, which consists of four programs, is to proactively impact Commercial & Industrial (C&I) customer energy use in such a way as to reduce consumption of electricity. The programs included in this tariff are cost effective by having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 225 through 235.9 have the following meanings:

Applicant - A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or Trade Ally.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2012-0142.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, including in the form of cash, bill credit, payment to third party, donations or giveaways, or public education programs, which encourages the adoption of Measures.

Measure - An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

Participant - End use customer and/or manufacturer, installer, or retailer providing qualifying products or services to end use customers.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Period - The period from January 2, 2013 through December 31, 2015 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

Project - One or more Measures proposed by an Applicant in a single application.

Total Resource Cost(TRC) Test - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

Measure Benefit/Cost(B/C) Test - Each non-prescriptive measure must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of the Measure over the useful life of the Measure divided by the incremental cost to implement the Measure. The benefits of the Measure include the utility estimated avoided costs.

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY (Cont'd)****AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, business energy efficiency programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Business energy efficiency programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(6), and monetary Incentives that otherwise would be payable under a program are not available to those that have received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

A customer may elect not to participate (opt-out) in an electric utility's demand side management programs under 4 CSR 240-20.094(6) if they:

- Have at least one account with a demand of 5,000 kW in the previous 12 months with that electric utility, or;
- Operate an interstate pipeline pumping station, or;
- Have multiple accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with that utility and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the utility-provided programs.

A customer electing not to participate (opt-out) must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules of tariffs offered by the electric utility. None of the business energy efficiency programs are considered to be an interruptible or curtailable rate schedule.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

**TERM**

This tariff and the tariffs reflecting each specific business energy efficiency program shall be effective from January 2, 2013 through December 31, 2015, except that the four programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that:

1. Finds recovery of lost revenue is not authorized by MEEIA or any other Missouri law; or
2. Changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated by the Company.

If the programs are terminated prior to December 31, 2015 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**BUSINESS ENERGY EFFICIENCY (Cont'd)****DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

- Standard Incentive Program
- Custom Incentive Program
- Retro-commissioning Incentive Program
- New Construction Incentive Program

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms will be provided on the Company's website [www.ActOnEnergy.com](http://www.ActOnEnergy.com), or by calling toll free 1-866-941-7299.

**CHANGE PROCESS**

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs, and excludes changes to the ranges of Incentive amounts for each Measure.

- 1) Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
- 2) Discuss proposed change with implementer;
- 3) Discuss proposed change with evaluator;
- 4) Analyze impact on program and portfolio (Cost effectiveness, goal achievement, etc.);
- 5) Inform the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public counsel, and the Missouri Department of Natural Resources are informed and provided the above-referenced analysis);
- 6) Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
- 7) Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
- 8) Make changes to forms and promotional materials;
- 9) Update program website;
- 10) File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2012-0142; and
- 11) Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO

MISSOURI SERVICE AREA

**BUSINESS ENERGY EFFICIENCY (Cont'd)**

**PROPOSED PROGRAM ENERGY SAVINGS TARGETS**

Note that targeted energy savings may be shifted between programs depending on market response, changes in technology, or similar factors. These targets are based on savings at customer meters (excluding transmission and distribution line losses).

	Annual kWh Savings Targets			Total by Program
	2013	2014	2015	
Standard	21,573,968	30,901,412	47,793,508	100,268,887
Custom	48,682,732	50,169,817	68,766,690	167,619,239
Retro Commissioning	2,351,756	2,363,304	2,844,661	7,559,721
New Construction	2,513,756	3,773,143	5,898,434	12,185,332
<b>TOTAL</b>	<b>75,122,212</b>	<b>87,207,676</b>	<b>125,303,293</b>	<b>287,633,180</b>

	Annual kW Demand Savings Estimates Based On kWh Savings Targets			Total by Program
	2013	2014	2015	
Standard	4,540	5,747	8,631	18,918
Custom	13,022	13,656	20,257	46,935
Retro Commissioning	531	523	601	1,655
New Construction	797	1,116	1,867	3,780
<b>TOTAL</b>	<b>18,890</b>	<b>21,042</b>	<b>31,356</b>	<b>71,288</b>

**PROGRAM COSTS**

Costs of the Business Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless they have opted-out as provided for previously.

**PROGRAM DESCRIPTIONS**

The following pages contain other descriptions and terms for the programs being offered under this tariff.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2012-0166.

DATE OF ISSUE December 17, 2012

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ISSUED BY Warner L. Baxter  
NAME OF OFFICER

President & CEO  
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APPLYING TO

MISSOURI SERVICE AREA

**BUSINESS ENERGY EFFICIENCY (Cont'd)**

**CHANGES IN MEASURES OR INCENTIVES**

Ameren Missouri may offer the Measures contained in Ameren Missouri's Technical Resource Manual ("TRM") approved in Case No. EO-2012-0142. The offering of Measures not contained within Ameren Missouri's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Ameren Missouri's website, [www.ActOnEnergy.com](http://www.ActOnEnergy.com). The Measures and Incentives being offered are subject to change - customers must consult [www.ActOnEnergy.com](http://www.ActOnEnergy.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Ameren Missouri's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in Case No. EO-2012-0142, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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DATE OF ISSUE December 17, 2012

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ISSUED BY Warner L. Baxter  
NAME OF OFFICER

President & CEO  
TITLE

St. Louis, Missouri  
ADDRESS

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY**  
**Standard Incentive Program****PURPOSE**

The Standard Incentive Program will provide pre-set Incentives for energy-efficient products that are readily available in the marketplace. Standard Incentives will be fixed per each Measure. The primary objective of the Standard Incentive Program is to provide an expedited, simple solution for customers interested in purchasing efficient technologies that will produce verifiable energy savings.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the Standard Incentive Program Provisions, below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Standard Incentives for Measures will be provided to qualifying customers that provide completed Standard Incentive Applications as indicated below:

- Customer must complete a Standard Incentive Application form, available at [www.ActOnEnergy.com](http://www.ActOnEnergy.com);
- Customer must provide proof of equipment purchase and installation;
- Measures must be purchased and installed after the effective date of this tariff;
- Measures which receive an Incentive under the Custom Incentive Program are not eligible for this Standard Incentive Program;
- Measures must be part of a Project having an installed TRC ratio greater than 1.0; and
- Standard Measures must be installed as a retrofit in an existing facility;

By applying for the Standard Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

**ELIGIBLE MEASURES AND INCENTIVES**

Standard Incentives filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

- HVAC (Heating, Ventilation, and Air-conditioning)
- Lighting
- Refrigeration
- Cooking
- Water Heating

Eligible Incentives directly paid to customers and Measures can be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

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DATE OF ISSUE December 17, 2012 DATE EFFECTIVE January 16, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY  
Custom Incentive Program**PURPOSE**

The Custom Incentive Program will provide financial assistance to customers to support implementation of energy efficiency improvement opportunities which are available at the time of new equipment purchases, facility modernization, and industrial process improvement. A "Custom Incentive" is a direct payment or bill credit to a Participant for installation of Measures that are part of Projects that have been pre-approved by the Program Administrator.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet Custom Incentive Program Provisions below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Customers may apply for a Custom Incentive for Measures under consideration which:

- Reduce energy consumption compared to the currently installed system or, in the case of a new system, the standard efficiency system currently available;
- Have not yet been installed and for which purchase and/or installation commitments have not yet been made;
- Have not received an Incentive under the Standard Incentive Program;
- Are not one of the Measures eligible for an Incentive under the Standard Incentive Program; and
- Are being installed in an existing facility.

Prior to purchasing and installing Measure(s), Applicant must submit a Custom Incentive Application form that provides data about the applicable facility and potential Measure(s). The Company or Program Administrator will perform a desk review of the Custom Incentive Application to determine eligibility, Measure Benefit Cost Test results, estimated energy savings and Custom Incentive amount for each Measure. The Program Administrator may perform a site visit to verify baseline conditions. If approved, the Program Administrator will reserve the Custom Incentive amount and notify the Participant of the Measure(s) approval.

Following installation of approved Custom Measures, the Participant will submit a Completion Certificate to the Program Administrator. The Completion Certificate will require documentation of final Custom Measure costs, a completion date for each Custom Measure, and invoices for all Custom Measures. If necessary, the Custom Incentive amount will be recalculated. Every Custom Incentive Application for a Custom Incentive requires pre-approval by the Program Administrator and may be subject to on-site verification by the Program Administrator prior to payment of the Custom Incentive amount.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY**  
**Retro-Commissioning Program****PURPOSE**

The Retro-Commissioning Program will capture energy and demand reductions from existing facilities by optimizing building system energy use and overall efficiency. Through this Program, the Company will provide energy assessment services and assistance in implementing identified solutions to customers to insure that their systems are operating at optimal energy efficiency.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section and that also meet the Retro-Commissioning Program Provisions below. Customer facilities eligible for investigation under this program will include those with:

- Higher than average electric energy intensities(kWh/ft<sup>2</sup>);
- Minimum of 100,000 ft<sup>2</sup> of conditioned space;
- Presence of an energy management system (EMS) with direct digital controls (DDC);
- Mechanical equipment in relatively good condition; and
- Will yield cost-effective energy savings according to a Retro-Commission Assessment Study

A "Retro-Commissioning Assessment Study" is a detailed analysis performed by Retro-Commissioning Providers on Projects passing the initial screening which is used to identify sub-optimal system operational performance and to identify corrections which will yield cost-effective energy savings.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Program benefits have been designed to provide cost effective Retro-Commissioning services to eligible facilities and include:

- Recruitment and training of Retro-Commissioning providers,
- Benchmarking of candidate facilities using ENERGY STAR® procedures to identify facilities with Retro-Commissioning opportunities,
- Access to a group of pre-qualified Retro-Commissioning Providers that can provide studies performed by trained auditors to identify cost effective building system optimization Measures,
- Assisting building owners with contractor acquisition and management during the implementation process,
- Building owner staff training on Retro-Commissioning operations,
- Verification of operating results, or
- Ongoing monitoring of Retro-Commissioned building systems to promote persistence of improvements.

The Incentives provided through the Retro-Commissioning Program will be limited to those Measures which are determined to achieve energy efficiency improvements through the calibration, maintenance, and optimization of current systems.

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MO.P.S.C. SCHEDULE NO. 52nd RevisedSHEET NO. 233CANCELLING MO.P.S.C. SCHEDULE NO. 51st RevisedSHEET NO. 233

APPLYING TO

MISSOURI SERVICE AREA

**BUSINESS ENERGY EFFICIENCY**  
**New Construction Incentive Program**

**PURPOSE**

The New Construction Incentive Program will capture energy and demand reductions from new construction projects by interacting with building owners and designers during the design and/or construction process. The Program encourages building owners and designers to evaluate and install systems with higher energy efficiencies than the standard or planned systems through training, design incentives, and installation incentives.

**DEFINITIONS APPLICABLE TO NEW CONSTRUCTION INCENTIVE PROGRAM ONLY**

Baseline Building Design - The baseline building design will be established on a case-by-case basis, as the more stringent of either the ASHRAE Code 90.1-2001, the facility's original design, the local energy code, or any legal or contractual construction requirements. Baseline building design will be documented in the Technical Analysis Study(TAS).

Technical Analysis Study (TAS) - An energy savings estimate that clearly describes the energy efficiency/process improvement opportunity, with concise and well-documented presentations of the analysis method used to estimate energy savings, and the assumptions used to generate Project capital cost estimates. Each TAS will:

- Describe the proposed facility (typically with a sketch or blueprint showing site layout or floor plan).
- Describe the Baseline Building Design and provide its estimated electricity use and estimated annual Operations & Maintenance costs.
- Describe the efficient equipment to be added along with key performance specifications.
- Provide estimated electricity use for the efficient condition.
- Provide the energy and demand savings calculations, together with the source of input parameter numbers and justification for each assumption made.
- Provide the incremental cost to implement the Project.
- Provide the estimated financial Incentive and estimated annual cost savings, together with the financial metric(s) requested by the customer (i.e., simple payback, Internal Rate of Return, Return on Investment).

Whole Building Area Method - An energy analysis methodology in which the design team examines the integration of all building components and systems and determines how they best work together to save energy and reduce environmental impact.

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NAME OF OFFICERPresident & CEO  
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MO.P.S.C. SCHEDULE NO. 5

5th Revised

SHEET NO. 234

CANCELLING MO.P.S.C. SCHEDULE NO. 5

4th Revised

SHEET NO. 234

APPLYING TO

MISSOURI SERVICE AREA

**BUSINESS ENERGY EFFICIENCY**  
**New Construction Incentive Program (Cont'd)**

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the New Construction Program Provisions. Eligible facilities applications include new facilities built from the ground up, additions to existing facilities, or major renovation of existing facilities requiring significant mechanical and/or electrical equipment alteration.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Program benefits are tailored to Projects based on their phase in the development process.

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MO.P.S.C. SCHEDULE NO. 5

4th Revised

SHEET NO. 234.1

CANCELLING MO.P.S.C. SCHEDULE NO. 5

3rd Revised

SHEET NO. 234.1

APPLYING TO

MISSOURI SERVICE AREA

\*This Sheet Reserved for Future Use

\* Indicates Change.

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APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****PURPOSE**

The purpose of the Residential Energy Efficiency Program, which consists of seven programs, is to proactively impact residential customer energy use in such a way as to reduce consumption of electricity. With the exception of the Multifamily Low Income program, the programs included in this tariff are cost effective having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Capitalized terms not otherwise defined in Tariff Sheet Nos. 236 through 258 have the following meanings:

**DSIM (Demand-Side Programs Investment Mechanism)**

A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2012-0142.

**Incentive**

Any consideration provided by the Company, through the Program Administrator and Program Partners, including buydowns, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Measures.

**Measure**

An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

**Program Administrator**

The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

**Program Period** - The period from January 2, 2013 through December 31, 2015, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

**Program Partner**

A retailer, distributor or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company approved service agreement.

**Total Resource Cost (TRC) Test** - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

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NAME OF OFFICER TITLE ADDRESS

APPLYING TO

**MISSOURI SERVICE AREA**

**RESIDENTIAL ENERGY EFFICIENCY (cont.)**

**AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, residential energy efficiency programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners.

Monetary incentives are not payable to a customer participating in a residential energy efficiency program that has received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

**TERM**

This tariff and the tariffs reflecting each specific residential energy efficiency program shall be effective from January 2, 2013 through December 31, 2015, except that the seven programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that:

1. Invalidates the recovery of the Throughput Disincentive as that recovery is structured in the Unanimous Stipulation and Agreement Resolving Ameren Missouri's MEEIA filing filed in Case No. EO-2012-0142; or
2. Changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or not objected to by the Company.

If the programs are terminated prior to December 31, 2015 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

Notwithstanding the foregoing, the Home Energy Performance and HVAC Programs may not commence until as late as March 1, 2013.

APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY (cont.)****DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

- Lighting
- Energy Efficient Products
- HVAC
- Refrigerator Recycling
- Home Energy Performance Pilot
- Energy Star® New Homes
- Multifamily Low Income

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms, will be provided on the Company's website [www.ActOnEnergy.com](http://www.ActOnEnergy.com), or by calling the Company's Energy Advisor Center toll free 1-866-422-4605.

**CHANGE PROCESS**

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs, and excludes changes to the ranges of Incentive amounts for each Measure.

- 1) Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
- 2) Discuss proposed change with implementer;
- 3) Discuss proposed change with evaluator;
- 4) Analyze impact on program and portfolio (Cost-effectiveness, goal achievement, etc.);
- 5) Inform the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done, and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources are informed and provided the above-referenced analysis);
- 6) Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
- 7) Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
- 8) Make changes to forms and promotional materials;
- 9) Update program website;

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APPLYING TO

**MISSOURI SERVICE AREA**

**RESIDENTIAL ENERGY EFFICIENCY (cont.)**

- 10) File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2012-0142; and
- 11) Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

**PROPOSED PROGRAM ENERGY SAVINGS TARGETS**

Note that energy savings targets may be shifted between programs depending on market response, changes in technology, or similar factors. These targets are based on savings at customer meters (excluding transmission and distribution line losses).

	Annual kWh Savings Targets			Total by Program
	2013	2014	2015	
Lighting	121,257,847	96,836,711	62,371,215	280,465,773
Efficient Products	7,512,796	15,767,889	25,086,781	48,367,466
HVAC	17,218,114	36,642,847	63,386,189	117,247,150
Refrigerator Recycling	11,739,510	11,949,610	13,888,077	37,577,196
Home Energy Performance	1,070,199	1,070,199	1,070,199	3,210,597
Energy Star New Homes	678,990	1,439,630	2,815,884	4,934,505
Low Income	5,797,743	4,530,478	3,338,190	13,666,410
<b>TOTAL</b>	<b>165,275,199</b>	<b>168,237,364</b>	<b>171,956,535</b>	<b>505,469,097</b>

	Annual kW Demand Savings Estimates Based On kWh Savings Targets			Total by Program
	2013	2014	2015	
Lighting	3,647	2,911	1,875	8,433
Efficient Products	1,273	2,552	3,838	7,663
HVAC	12,361	24,303	36,745	73,409
Refrigerator Recycling	1,636	1,664	1,934	5,234
Home Energy Performance	352	351	350	1,053
Energy Star New Homes	82	272	639	993
Low Income	774	841	744	2,359
<b>TOTAL</b>	<b>20,125</b>	<b>32,894</b>	<b>46,125</b>	<b>99,144</b>

MO.P.S.C. SCHEDULE NO. 5

3rd Revised SHEET NO. 240

CANCELLING MO.P.S.C. SCHEDULE NO. 5

2nd Revised SHEET NO. 240

APPLYING TO

MISSOURI SERVICE AREA

**RESIDENTIAL ENERGY EFFICIENCY (cont.)**

**PROGRAM COSTS**

Costs of the Residential Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M) rate schedule. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder.

**PROGRAM DESCRIPTIONS**

The following pages contain descriptions and terms for the programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES**

Ameren Missouri may offer the Measures contained in Ameren Missouri's Technical Resource Manual ("TRM") approved in Case No. EO-2012-0142. The offering of Measures not contained within Ameren Missouri's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Ameren Missouri's website, actonenergy.com. The Measures and Incentives being offered are subject to change - customers must consult actonenergy.com for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Ameren Missouri's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in Case No. EO-2012-0142, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 241CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 241

APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Lighting Program****PURPOSE**

The Lighting Program is intended to reduce energy use in residential lighting by encouraging selection of ENERGY STAR®-qualified lighting products.

**AVAILABILITY**

The Lighting Program is available for the Program Period, and Residential customers may participate in the Lighting Program by acquiring program ENERGY STAR® Compact Fluorescent Lamps (CFLs), ENERGY STAR® LED lighting products, ENERGY STAR® fixtures, and other emerging ENERGY STAR®-qualified lighting technologies from participating Program Partners through purchase or other approved distribution methods, such as social marketing distribution, kits and/or direct installation.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Lighting Program Administrator will provide Lighting Program services and Incentives to Program Partners for the purpose of increasing awareness, sales, and market share of residential ENERGY STAR®-qualified products promoted by the Lighting Program.

Lighting Program promotions will be made available at Program Partner locations within the Company's electric service territory. Participating Lighting Program Partners will be listed on the ActOnEnergy.com website with store name and location listed as well as any in-store promotions being offered.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Lighting Products filed in File No. EO-2012-0142 and additional Lighting Products covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Lighting Products and Incentives paid directly to customers may be found at actonenergy.com.

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NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RESIDENTIAL ENERGY EFFICIENCY**  
**Energy Efficient Products Program**

**PURPOSE**

The purpose of the Energy Efficient Products Program is to raise customer awareness of the benefits of "high-efficiency" products (ENERGY STAR®, Consortium for Energy Efficiency (CEE) Tiers, or better). The Program is intended to reduce energy use by encouraging residential customers to purchase qualifying efficient products.

**AVAILABILITY**

The Energy Efficient Products Program is available for the Program Period, and Residential customers may participate in the Program by acquiring program energy efficient products from participating Program Partners through purchase or other approved distribution method, such as kits, contractors, and/or direct installations.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Energy Efficient Products Program incorporates various program partners, products, Incentive mechanisms and program delivery strategies.

The Company and the Program Administrator will follow a multi-faceted approach to marketing highly efficient appliances, electronics and products with an emphasis on ENERGY STAR®. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR® for additional products.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Products Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Energy Efficient Products and Incentives paid directly to customers may be found at [actonenergy.com](http://actonenergy.com).

APPLYING TO

MISSOURI SERVICE AREA

**RESIDENTIAL ENERGY EFFICIENCY**

**HVAC**

**PURPOSE**

The purpose of the HVAC Program is to obtain energy and demand savings through improvement in the operating performance of new or existing residential central cooling systems.

**AVAILABILITY**

The HVAC Program is available for the Program Period, and Services under this Program are available to Customers on the Residential Service Rate 1(M) with central cooling systems.

**PROGRAM PROVISIONS**

The Residential HVAC program improves the efficiency of new and existing central air conditioning systems, including heat pumps, by replacing or improving the efficiency of legacy cooling systems within the home.

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Company will provide Incentives to encourage sales of energy efficient products and for properly installed HVAC energy saving upgrades.

The program will employ the Program Administrator's preferred protocols to verify system eligibility for program Measures.

**ELIGIBLE MEASURES AND INCENTIVES**

HVAC related program Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives paid directly to customers may be found at [actonenergy.com](http://actonenergy.com).

**TERM**

This program may not be available or fully rolled-out on the tariff effective date, but will be fully rolled out and available by March 1, 2013. Consult [actonenergy.com](http://actonenergy.com) prior to that date to determine the status of the program.

MO.P.S.C. SCHEDULE NO. 52nd Revised SHEET NO. 243CANCELLING MO.P.S.C. SCHEDULE NO. 51st Revised SHEET NO. 243

APPLYING TO

MISSOURI SERVICE AREA

**RESIDENTIAL ENERGY EFFICIENCY**  
**Refrigerator Recycling Program**

**PURPOSE**

The Refrigerator Recycling Program (Program) is a voluntary program designed to encourage the retirement of inefficient, working refrigerators and freezers by providing an Incentive to take the units out of homes and recycle them in an environmentally safe manner.

**AVAILABILITY**

The Refrigerator Recycling Program is available during the Program Period. All Company customers receiving service under the Residential Service Rate 1(M) are eligible for this program.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The following general process will be followed to serve Participants in the Program:

- Participants contact the Program toll-free or online at [www.ActOnEnergy.com](http://www.ActOnEnergy.com) to schedule the appliance pickup.
- At the Participant's address the Program Partner team verifies the unit is eligible and removes it from the home.
- The unit is taken to the Program Partner facility and all materials are recovered for recycling or disposed of in accordance with Environmental Protection Agency (EPA) approved practices.
- Incentives are sent to Participants following the pick-up appointment.

**ELIGIBLE MEASURES AND INCENTIVES**

Recycling related Measures (refrigerators and freezers) filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Program details and Incentives paid directly to customers may be found at [actonenergy.com](http://actonenergy.com).

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APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Home Energy Performance Pilot****PURPOSE**

The purpose of the Home Energy Performance (HEP) Pilot is to find a cost-effective dual fuel whole home auditing solution. Company is planning to work with gas and electric customers on a whole house basis to save energy using the combined energy savings as well as shared costs where feasible to create a working program that can be applied service area-wide.

**AVAILABILITY**

Services under this program are available to Residential customers on the Residential Service Rate 1(M) who reside in single family homes where both the gas and electric service are provided by Company. Company will initiate the HEP Program no later than March 1, 2013.

**PROGRAM PROVISIONS**

Home Energy Performance is a pilot energy efficiency program focused on a whole house audit approach to educate residential customers about energy use in their homes and to offer information, products, and services to residential customers to save energy wisely. This allows the customer to identify and initiate the process of installing long-term energy efficiency upgrades and practices. The HEP program itself may have multiple components. In addition, it provides yet another entryway for customers to take advantage of the Company's entire portfolio of residential energy efficiency solutions. The implementation team will attempt to leverage the Company's other residential programs. For example, as warranted, the homeowner may be encouraged to participate in the HVAC, Lighting and/or Energy Efficient Products programs to deliver additional discounted energy savings as determined by an audit.

**ELIGIBLE MEASURES AND INCENTIVES**

Home Energy Performance Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives paid directly to customers may be found at [actonenergy.com](http://actonenergy.com).

**TERM**

This program may not be available or fully rolled-out on the tariff effective date, but will be fully rolled out and available by March 1, 2013. Consult [actonenergy.com](http://actonenergy.com) prior to that date to determine the status of the program.

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APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****ENERGY STAR® New Homes****PURPOSE**

The objective of this Program is to increase consumer awareness of and demand for ENERGY STAR® version 3.0 single family homes while increasing the building industry's willingness and ability to construct energy-efficient homes.

**AVAILABILITY**

The ENERGY STAR® New Homes Program is available for the Program Period, and services under this Program are available to builders of single family homes which will be on the Residential Service Rate 1(M).

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. New construction covers the building of new energy-efficient homes, including the new home's envelope (outer walls, windows, doors, skylights, roof and insulation), HVAC system, ductwork, lighting and appliances. The program targets builders with a package of training, technical and marketing assistance and incentives for construction of higher efficiency homes.

The Program provides Incentives to builders to defray the incremental costs of reaching higher efficiency levels. Key aspects of Program Administrator's proposed implementation plans should include the following components:

- Leverage existing infrastructure of builders.
- Provide builder training on ENERGY STAR® New Homes requirements, compliance paths, incentive structures and the marketing strategy.
- Recruit electrical and HVAC contractors for training as their ability to perform greatly influences the success of the program.
- Establish incentive structure.
- The program may offer lender, realtor and appraiser training courses.

**ELIGIBLE MEASURES AND INCENTIVES**

ENERGY STAR® New Homes Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [actonenergy.com](http://actonenergy.com).

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**RESIDENTIAL ENERGY EFFICIENCY**  
**Multifamily Low Income Program**

**PURPOSE**

The objective of this program is to deliver long-term energy savings and bill reductions to low-income customers. This will be achieved through education and a variety of directly installed cost-saving measures.

**AVAILABILITY**

The Multifamily Low Income Program is available for the Program Period to income qualified dwelling units of multifamily properties of three (3) or more dwelling units receiving electric service from the Company. For the purposes of this Program the term "income qualified" refers to tenant occupants residing in federally subsidized housing units and who fall within that federal program's income guidelines. Typical tenants will be elderly or disabled individuals and families that are income qualified, in multifamily apartment buildings.

**PROGRAM DESCRIPTION**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Program Administrator will provide direct installation of Program-specified Standard Measure energy efficiency Measures in income qualified dwelling units in multifamily residential buildings. Incentives under this Program will only be provided toward income qualified dwelling units. However, as a requirement of Program participation, comparable energy efficiency Measures must be installed in all dwelling units, both low income and market rate, located on the premises.

Measures installed pursuant to the Program, except for non-incented Measures for market rate (i.e., not rent-subsidized) units, are not eligible for Incentives through any of the Company's other Energy Efficiency programs.

**ELIGIBLE MEASURES AND INCENTIVES**

Low Income Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [actonenergy.com](http://actonenergy.com).

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3rd Revised SHEET NO. 250

CANCELLING MO.P.S.C. SCHEDULE NO. 5

2nd Revised SHEET NO. 250

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MO.P.S.C. SCHEDULE NO. 5

4th Revised SHEET NO. 251

CANCELLING MO.P.S.C. SCHEDULE NO. 5

3rd Revised SHEET NO. 251

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