



May 11, 2018

Ms. Mary M. Becerra  
Secretary to the Commission  
Indiana Utility Regulatory Commission  
PNC Center  
101 W. Washington Street – Suite 1500 East  
Indianapolis, IN 46204

RE: Thirty Day Filing for Vectren South-Electric Pursuant to Cause No. 45032 –  
REVISED 50171

Dear Ms. Becerra:

This revised filing is being made on behalf of Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. (“Vectren South-Electric” or “the Company”) under the Commission’s Thirty-Day Administrative Filing Procedures and Guidelines (“Guidelines”), in accordance with the Indiana Utility Regulatory Commission’s (the “Commission”) February 16, 2018 Order in Cause No. 45032 (“Tax Reform Order”), to request approval of the following modifications to the Vectren South Tariff for Electric Service to adjust base rates for the reduction in the Federal Income Tax Rate:

1. Rate RS – Residential Service (Sheet No. 10, Page 1)
2. Rate B – Water Heating Service (Sheet No. 13, Page 1)
3. Rate SGS – Small General Service (Sheet No. 14, Pages 1-2)
4. Rate DGS – Demand General Service (Sheet No. 15, Pages 1-3)
5. Rate OSS – Off-Season Service (Sheet No. 16, Page 1)
6. Rate LP – Large Power Service (Sheet No. 17, Pages 1-3)
7. Rate HLF – High Load Factor Service (Sheet No. 18, Page 1)
8. Rate BAMP – Backup, Auxiliary and Maintenance Power Service (Sheet No. 19, Page 2)
9. Rate MLA – Municipal Levee Authority Service (Sheet No. 20, Page 1)
10. Rate SL-1 – Street Lighting Service (Sheet No. 30, Pages 1-3)
11. Rate SL-2 – Ornamental Street Lighting Service (Sheet No. 31, Page 1)
12. Rate SL-3 – Ornamental Street Lighting Service (Sheet No. 32, Page 1)
13. Rate SL-5 – Expressway Lighting Service (Sheet No. 34, Pages 1-2)
14. Rate SL-7 – Ornamental Street Lighting Service (Sheet No. 36, Page 1)
15. Rate SL-8 – Ornamental Street Lighting Service (Sheet No. 37, Page 1)
16. Rate OL – Outdoor Lighting Service (Sheet No. 38, Page 1)
17. Rate S – Emergency Notification Siren Service (Sheet No. 39, Page 1)

Vectren South-Electric has summarized its proposal with the Attachment to this request. In addition, Vectren South-Electric has included support for its calculations as exhibits, summarized as follows:

- Attachment 1 – summary of Vectren’s proposal related to Vectren South-Electric, Vectren South-Gas, and Indiana Gas Company, Inc. d/b/a Vectren Energy Delivery of Indiana (Vectren North).

- Exhibit A – proposed adjusted base rates and charges, reflecting the reduction in the federal income tax rate.
- Exhibit B – calculation of the required reduction to revenue as a result of the reduction in the federal income tax rate. Information per Cause No. 43839, Vectren South-Electric's most recent electric base rate case.
- Exhibit C – calculation of the required rate reduction as a result of the change in the federal income tax rate. Information per Cause No. 43839.
- Exhibit D – Redline of current Vectren South-Electric Tariff.
- Exhibit E – Clean version of proposed Vectren South-Electric Tariff.

This filing is an allowable request under the Guidelines because it is a filing required to be submitted by the Commission in the Tax Reform Order. See 170 IAC 1-6-3(8).

Vectren South-Electric affirms that a notice regarding the filing in the form attached hereto was published on March 29, 2018 in the *Evansville Courier & Press*, a newspaper of general circulation in Vanderburgh County, where the largest number of Vectren South-Electric's customers is located. Vectren South-Electric also affirms that the notice has been posted on its website. Vectren South-Electric does not have a local customer service office in which to post the notice.

Any questions concerning this submission should be directed to J. Cas Swiz, whose contact information is as follows:

J. Cas Swiz  
Director, Rates & Regulatory Analysis  
One Vectren Square  
Evansville, IN 47708  
Tel: 812-491-4033  
Email: [jcswiz@vectren.com](mailto:jcswiz@vectren.com)

The proposed tariff sheets will reflect an effective date consistent with the Commission's approval thereof.

Upon approval of the enclosed tariff sheets, please return one (1) file marked and approved copy of the tariff sheets to me for our files.

Please let me know if the Commission Staff has any questions or concerns about this submission.

Sincerely,



J. Cas Swiz

Enclosures

CC:

William Fine, Office of Utility Consumer Counselor

Todd Richardson, Lewis & Kappes, P.C.

Robert Heidorn

Jason Stephenson

Scott Albertson

## VERIFICATION

I, J. Cas Swiz, Director, Rates & Regulatory Analysis for Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. (Vectren South-Electric), affirm under penalties of perjury that, in addition to the attached schedules, the foregoing representations concerning the notice attached hereto are true and correct to the best of my knowledge, information, and belief. The attached notice was published in a newspaper of general circulation encompassing the highest number of the utility's customers affected by the enclosed filing. The attached notice was also published on the Vectren.com website.

  
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J. Cas Swiz

Date: 5/11/18

## Vectren Utilities' Thirty Day Filing To Reflect Rate Modifications Due To The Tax Act

Respondents Southern Indiana Gas and Electric, Inc. d/b/a Vectren Energy Delivery of Indiana ("Vectren South"), consisting of separate gas and electric utilities, and Indiana Gas Company, Inc. d/b/a Vectren Energy Delivery of Indiana ("Vectren North") (the three utilities together, the "Vectren Utilities"), in response to the February 16, 2018 order in Cause No. 45032 initiated by the Indiana Utility Regulatory Commission (the "Commission") to investigate the impacts on existing utility rates from the Tax Cuts and Jobs Act of 2017 (the "Tax Act"), hereby state as follows:

### Introduction

The Commission has initiated this investigation for the purpose of determining customer rate impacts arising from the Tax Act and to establish an expedient process to reflect such impacts in customer rates. At the same time, the Commission has acknowledged the potential differences between specific utility rates and circumstances, as well as the presence of more complicated tax issues, some of which may require use of a subdocket proceeding with evidence, or use of a second phase proceeding to allow submission of evidence and additional time to fully consider such issues.

As a first step, the Commission has required all Respondents to file tariffs reflecting the impact of the Tax Act on base rates as a result of the reduction in the federal income tax rate from 35% to 21%. Such tariffs are to be presented, at least initially, in a Thirty-Day Administrative filing submitted on March 25 (or the next business day being the 26<sup>th</sup>).<sup>1</sup>

### The Vectren Utilities' Filing

The Vectren Utilities have reviewed the impacts of the Tax Act on both base rates and on excess accumulated deferred income taxes ("Excess Deferred Taxes") and are prepared to resolve all tax issues within these proceedings. The Vectren Utilities' Thirty Day filing, made separately for each individual utility, proposes rate changes to accomplish the flow back of tax benefits to customers in a reasonable manner that can commence in the near term. In addition, the Vectren Utilities propose a subdocket proceeding to establish a reasonable method for providing the benefits related to Excess Deferred Taxes over an appropriate period.

Beginning January 1, 2018, the Vectren Utilities have accrued the impact of the Tax Act on base rates. The flow back of this accrued amount will be addressed within the subdocket proceeding.

#### A. Base Rate Reduction.

The Vectren Utilities have followed the principle that all customers should benefit from the reduction of the federal tax rate as provided for in the Tax Act. Consistent with the Cost of Service study completed and approved for Vectren South-Electric within its last base rate case, the reduction in federal income tax expense has been allocated to each individual Rate Schedule using the percentage of taxable income within the Cost of Service Study. Schedules supporting this calculation are included within the thirty-day filing.

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<sup>1</sup> Utility Rates are set based on evidence and after opportunity for a hearing. To assure due process, consistency and fairness, this ratemaking requirement should apply in all rate change contexts. However, in this limited circumstance given the universal tax decrease and shared interest in providing benefits to customers, the Vectren Utilities are amenable to proceeding using the expedited framework provided by the Commission, as further discussed herein.

In Vectren North's last base rate case proceeding, Cause No. 43298, a Stipulation and Settlement Agreement entered into by Vectren North and other intervening parties specifically required that the agreed upon increase in non-tracker revenue be allocated on an "across-the-board basis."<sup>2</sup> As such, Vectren North does not have an approved Cost of Service Study that can be used to determine the taxable income allocation. The schedules presented for Vectren North reflect an across-the-board allocation of the reduction in federal income tax expense, to be consistent with the Order in Cause No. 43298.

In Vectren South-Gas's last base rate case proceeding, Cause No. 43112, a Stipulation and Settlement Agreement entered into by Vectren South-Gas and other intervening parties specifically required that the agreed upon increase in non-tracker revenue be allocated on an "approximate across-the-board, gross margin basis."<sup>3</sup> As such, Vectren South-Gas does not have an approved Cost of Service Study that can be used to determine the taxable income allocation. The schedules presented for Vectren South-Gas reflect an across-the-board allocation of the reduction in federal income tax expense, to be consistent with the Order in Cause No. 43112.

Each of the Vectren Utilities, at the time of the last base rate case, served one or more large customers per the terms of Commission approved special contracts. Within each respective Cost of Service Study, these customers were excluded from the allocation of costs, with the total special contract revenues credited against the overall cost of service-defined revenue requirement for each rate schedule. This treatment was also utilized in Vectren North and Vectren South-Gas's approved Stipulation and Settlement Agreement. As a result of the special contract arrangement and treatment within the Cost of Service Study, these customers would not receive a change in their respective contract rates; however, as part of the negotiated contract rate, it is understood that these customers paid a respective share of the Vectren Utilities' federal income tax expense.

The Vectren Utilities propose that the reductions in the rates and charges as a result of the Tax Act should also apply to these special contract customers. As such, the allocated reductions assigned to each Rate Schedule are offset by the amount of the Tax Act reductions attributed to the special contract customers, allocated based on the rate case margin (revenue less gas or fuel costs) from the last base rate case. The Vectren Utilities have calculated these special contract reductions by maintaining the currently approved contract discount off of the applicable tariff rate. In this manner all customers benefit from the Tax Act; absent such an equitable approach the contract customers would essentially lose some or all of the benefit of their negotiated rate reduction. There is no reasonable basis to exclude them from this refund.

Finally, each of the Vectren Utilities has rates and charges designed in various ways to recover the cost of service from each Rate Schedule. Income Taxes are not specifically identified as a component assigned to any particular charge. The Vectren Utilities have designed the reductions to the rates and charges as a result of the Tax Act to mirror how current base rates recover the revenue requirement. For example, a Rate Schedule that would have 25% of its revenue requirement recovered in an energy or throughput charge and 75% recovered in a demand charge would have its allocated share of the Tax Act reductions reflected in rates in this same 25% / 75% ratio.

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<sup>2</sup> Order in Cause No. 43298 (February 13, 2008), page 9, Paragraph A.

<sup>3</sup> Order in Cause No. 43112 (August 1, 2007), page 16, Paragraph A.

The Vectren Utilities note that these assumptions and impacts reflect changes to revenue requirements approved in each of the respective rate cases, some as far back as August 2007. Many factors have changed in the operation of the Vectren Utilities since these rates were approved. The approach utilized to reflect the reductions to currently approved rates is based upon the information in place at the time of the original Orders, and Vectren expects that adjustments to these assumptions will be necessary within each utility's next base rate case proceeding.

**B. Other Non-Base Rate Mechanisms.**

In addition to the base rates and charges, each of the Vectren Utilities has currently approved adjustment mechanisms which are also impacted by the Tax Act. As an example, for Vectren South-Gas and Vectren North, the currently approved Compliance and System Improvement Adjustment ("CSIA") includes a pre-tax rate of return which is based on a 35% federal income tax rate. The Vectren Utilities propose to address these changes in each individual mechanism filing, ensuring that any future projected recoverable costs impacted by the Tax Act are adjusted and any variances attributed to the Tax Act effective January 1, 2018 be included for reconciliation in each individual mechanism. For those that are not affected, the Vectren Utilities commit to state definitively in the next mechanism filing that it has evaluated the impacts of the Tax Act on the mechanism and determined that no adjustments are required.

**Conclusion**

The Vectren Utilities have proposed reasonable approaches to the flow through of Tax Act benefits to customers, using an expedited approach. The Vectren Utilities have worked with the various parties to address issues regarding the treatment of Excess Deferred Taxes and the accrued liability starting January 1, 2018, and will address this proposal as part of its subdocket proceeding.

## LEGAL NOTICE

Notice is hereby given that on March 26, 2018, Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. (“Vectren South-Electric”) will file, in accordance with the Indiana Utility Regulatory Commission’s (the “Commission”) February 16, 2018 Order in Cause No. 45032, a request for approval to modify Vectren South-Electric’s Tariff for Electric Service to (1) adjust base rates for the reduction in the Federal Income Tax Rate, and (2) include in applicable Adjustments Appendix L – Excess Deferred Tax Adjustment (“EDTA”). Customers served under the following Rate Schedules will be subject to adjustments to approved rates: Rate RS – Residential Service, Rate B – Water Heating Service, Rate SGS – Small General Service, Rate DGS – Demand General Service, Rate OSS – Off-Season Service, Rate LP – Large Power Service, Rate HLF – High Load Factor Service, Rate BAMP – Backup, Auxiliary and Maintenance Power Services, Rate MLA – Municipal Levee Authority Service, Rate SL-1 – Street Lighting Service, Rate SL-2 – Ornamental Street Lighting Service, Rate SL-3 – Ornamental Street Lighting Service, Rate SL-5 – Expressway Lighting Service, Rate SL-7 – Ornamental Street Lighting Service, Rate SL-8 – Ornamental Street Lighting Service, Rate OL – Outdoor Lighting Service, and Rate S – Emergency Notification Siren Service.

Vectren South-Electric anticipates approval of the filing in May 2018, but no sooner than 30 days after receipt of the filing by the Commission. Objections to the filing should be made in writing addressed to:

Mary M. Becerra  
Secretary to the Commission  
Indiana Utility Regulatory Commission  
PNC Center  
101 W. Washington Street, Suite 1500 East  
Indianapolis, Indiana 46204

William Fine  
Indiana Utility Consumer Counselor  
Indiana Office of Utility Consumer Counselor  
PNC Center  
115 W. Washington St., Suite 1500 South  
Indianapolis, Indiana 46204

Scott E. Albertson  
Vice President, Regulatory Affairs and Gas Supply  
VECTREN UTILITY HOLDINGS, INC.

# PUBLISHER'S CLAIM + TEARSHEET + INVOICE

Newspaper: Evansville Courier & Press  
 Address: P.O. Box 268  
 City, State, ZIP: Evansville, IN 47702-0268  
 County: Vanderburgh  
 Customer: Regulatory Affairs

Order/invoice number: Tax Act Changes Vectren South Electric  
 Publication date(s): 3/29/2018  
 Total amount of claim: \$164.05  
 Admin Fee: \$16.40  
 Total Charge: \$180.45

PREPAID

**LEGAL NOTICE**  
 Notice is hereby given that on March 26, 2018, Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. ("Vectren South Electric") will file, in accordance with the Indiana Utility Regulatory Commission's (the "Commission") February 16, 2018 Order in Cause No. 45034, a request for approval to modify Vectren South Electric's Tariff for Electric Service to (1) adjust base rates for the reduction in the Federal Income Tax Rate, and (2) include in applicable Adjustments Appendix L - Excess Deferred Tax Adjustment ("EDTA"). Customers served under the following Rate Schedules will be subject to adjustments to approved rates: Rate RS - Residential Service, Rate B - Water Heating Service, Rate SGS - Small General Service, Rate DGS - Demand General Service, Rate OSS - Off-season Service, Rate LP - Large Power Service, Rate RL - High Load Factor Service, Rate BAMP - Backup, Auxiliary and Maintenance Power Services, Rate MUA - Municipal Levee Authority Service, Rate SL-1 - Street Lighting Service, Rate SL-2 - Ornamental Street Lighting Service, Rate SL-3 - Expressway Lighting Service, Rate SL-4 - Ornamental Street Lighting Service, Rate SL-5 - Expressway Lighting Service, Rate SL-6 - Ornamental Street Lighting Service, Rate OL - Outdoor Lighting Service, and Rate S - Emergency Notification Siren Service.

Vectren South Electric anticipates approval of the filing in May 2018, but no sooner than 30 days after receipt of the filing by the Commission. Objections to the filing should be made in writing addressed to:

Mary M. Becerra  
 Secretary to the Commission  
 Indiana Utility Regulatory  
 Commission  
 PNC Center  
 101 W. Washington Street,  
 Suite 1500 East  
 Indianapolis, Indiana 46204  
 William Fine  
 Indiana Utility Consumer  
 Counselor  
 Indiana Office of Utility Consumer  
 Counselor  
 PNC Center  
 115 W. Washington St., Suite  
 1500 South  
 Indianapolis, Indiana 46204  
 Scott E. Albertson  
 Vice President, Regulatory  
 Affairs and Gas Supply  
 VECTREN UTILITY HOLDINGS,  
 INC.  
 Pub: March 29, 2018 hspaxlp



I hereby certify publication of this notice on the above date(s)

*Stephen A. Key*  
 Signature

Executive director and general counsel,  
 Hoosier State Press Association  
 Title

3/29/2018  
 Date

**Vectren South-Electric  
Federal Tax Reform Adjustments  
Cause No. 45032**

**Exhibit A – Vectren South-Electric Base Rate Changes (5 pages)**

**Exhibit B – Vectren South-Electric Revenue Requirement from Cause No. 43839 (2 pages)**

**Exhibit C – Vectren South-Electric Base Rate Cost Allocations from Cause No. 43839 (2 pages)**

**Exhibit D – Vectren South-Electric Tariff – Redline (25 pages)**

**Exhibit E – Vectren South-Electric Tariff – Clean (25 pages)**

Vectren South-Electric  
Federal Tax Reform Rate Adjustments  
Base Rates

Total Revenue Reduction  
Base Rates

\$ (16,670,635) Exhibit B, Line 1

Line No.	Rate Schedule	Current Base Rates	Adjustment	Proposed Base Rates	Proof	
					Rate Case Billing Determinants	Impact of Credit
1	Residential Standard - Rate RS (Note 1)					
2	Customer Facilities Charge	\$ 11.00	\$ -	\$ 11.00		
3	Energy Charge - Standard	Note 1 \$ 0.09680	\$ (0.00520)	\$ 0.09160	1,011,983,437	\$ (5,264,983)
4	Energy Charge - Transitional - First 1,000 kWh	Note 1 \$ 0.07585	\$ (0.00408)	\$ 0.07177	281,507,430	\$ (1,147,608)
5	Energy Charge - Transitional - Over 1,000 kWh (June-September)	Note 1 \$ 0.05217	\$ (0.00280)	\$ 0.04937	45,069,958	\$ (126,374)
6	Energy Charge - Transitional - Over 1,000 kWh (October-May)	Note 1 \$ 0.03862	\$ (0.00208)	\$ 0.03654	154,140,518	\$ (319,946)
						\$ (6,858,911)
7	Water Heating - Rate B					
8	Customer Facilities Charge	\$ 5.00	\$ -	\$ 5.00		
9	Energy Charge	\$ 0.04939	\$ (0.00251)	\$ 0.04688	12,370,498	\$ (31,065)
						\$ (31,065)
10	Small General Service - Rate SGS (Note 1)					
11	Customer Facilities Charge	\$ 11.00	\$ -	\$ 11.00		
12	Energy Charge - First 1,000 kWh	Note 1 \$ 0.09130	\$ (0.00319)	\$ 0.08811	45,802,927	\$ (146,048)
13	Energy Charge - Next 1,000 kWh	Note 1 \$ 0.06928	\$ (0.00242)	\$ 0.06686	10,997,727	\$ (26,610)
14	Energy Charge - Over 2,000 kWh	Note 1 \$ 0.03820	\$ (0.00133)	\$ 0.03687	7,004,727	\$ (9,345)
						\$ (182,003)
15	Demand General Service - Rate DGS (Note 1)					
16	Customer Facilities Charge - Group 1	\$ 15.00	\$ -	\$ 15.00		
17	Customer Facilities Charge - Group 2	\$ 35.00	\$ -	\$ 35.00		
18	Customer Facilities Charge - Group 3	\$ 75.00	\$ -	\$ 75.00		
19	Demand Charge	\$ 5.50	\$ (0.313)	\$ 5.187	3,542,014	\$ (1,109,478)
20	Transformer Ownership Discount	\$ (0.451)	\$ -	\$ (0.451)	122,639	\$ -
21	Energy Charge - First 1,000 kWh	Note 1 \$ 0.08025	\$ (0.00464)	\$ 0.07561	75,374,629	\$ (349,700)
22	Energy Charge - Next 14,000 kWh	Note 1 \$ 0.05747	\$ (0.00332)	\$ 0.05415	976,061,979	\$ (3,242,976)
23	Energy Charge - Over 15,000 kWh	Note 1 \$ 0.02673	\$ (0.00155)	\$ 0.02518	109,090,639	\$ (168,582)
						\$ (4,870,736)
24	Municipal Levee Authority - Rate MLA (Note 2)					
25	Customer Facilities Charge - Group 2	\$ 35.00	\$ -	\$ 35.00		
26	Customer Facilities Charge - Group 3	\$ 75.00	\$ -	\$ 75.00		
27	Demand Charge	\$ 5.50	\$ (0.313)	\$ 5.187	-	\$ -
28	Transformer Ownership Discount	\$ (0.451)	\$ -	\$ (0.451)	-	\$ -
29	Energy Charge - First 1,000 kWh	Note 1 \$ 0.08025	\$ (0.00464)	\$ 0.07561	-	\$ -
30	Energy Charge - Next 14,000 kWh	Note 1 \$ 0.05747	\$ (0.00332)	\$ 0.05415	-	\$ -
31	Energy Charge - Over 15,000 kWh	Note 1 \$ 0.02673	\$ (0.00155)	\$ 0.02518	-	\$ -
						\$ -
24	Off-Season Service - Rate OSS					
25	Customer Facilities Charge	\$ 15.00	\$ -	\$ 15.00		
26	Demand Charge	\$ 5.00	\$ (0.256)	\$ 4.744	378,855	\$ (96,994)
27	Energy Charge	\$ 0.04626	\$ (0.00241)	\$ 0.04385	100,743,921	\$ (242,552)
						\$ (339,547)
28	Large Power Service - Rate LP					
29	Customer Facilities Charge	\$ 150.00	\$ -	\$ 150.00		
30	Demand Charge	\$ 10.00	\$ (0.690)	\$ 9.310	2,577,902	\$ (1,778,475)
31	Transmission Voltage Discount	\$ (2.342)	\$ -	\$ (2.342)	175,562	\$ -
32	Energy Charge	\$ 0.02095	\$ (0.00148)	\$ 0.01947	1,205,522,138	\$ (1,788,113)
						\$ (3,566,588)
33	High Load Factor Service - Rate HLF					
34	Demand Charge	\$ 20.728	\$ (1.246)	\$ 19.482	119,962	\$ (149,444)
						\$ (149,444)
35	Backup, Auxiliary, and Maintenance Service - Rate BAMP					
36	Customer Facilities Charge	\$ 100.00	\$ -	\$ 100.00		
37	Capacity Charge - Backup - Firm [A]	\$ 6.210	\$ (0.708)	\$ 5.502	-	\$ -
38	Capacity Charge - Backup - Non-Firm [A]	\$ 6.210	\$ (0.708)	\$ 5.502	-	\$ -
						\$ -
39	Street Lighting Service - Rate SL-1	\$	\$ (4.83)	[B]		
40	Ornamental Street Lighting Service - Rate SL-2	\$	\$ (4.83)	[B]		
41	Ornamental Street Lighting Service - Rate SL-3	\$	\$ (4.83)	[B]		
42	Expressway Lighting Service - Rate SL-5	\$	\$ (4.83)	[B]		
43	Ornamental Street Lighting Service - Rate SL-7	\$	\$ (4.83)	[B]		
44	Ornamental Street Lighting Service - Rate SL-8	\$	\$ (4.83)	[B]		
45	Outdoor Lighting Service - Rate OL	\$	\$ (0.39)	[C]		

[A] Rate BAMP - Firm - Rate CSP factor in tariff calculation is already adjusted for tax rate change.

Rate BAMP - Non-Firm - \$2.98 per kVa of Billing Demand is unchanged.

[B] Rate Change for Street Lighting Rates is an amount per year per light.

See separate schedule for adjusted rates by light/type.

[C] Rate Change for Outdoor Lighting Rates is an amount per month per light.

See separate schedule for adjusted rates by light/type.

Note 1: See Page 2 for details of individual rate reduction calculations

Note 2: Municipal Levee Authority (MLA) rates are the same as Demand General Service (DGS)

Vectren South-Electric  
Federal Tax Reform Rate Adjustments  
Base Rates

	kWh	Existing Rates	Amounts	Percents	Reduction	Rate Reduction
46 Residential Standard - Rate RS						
47 Energy Charge - Standard	1,011,983,437	\$ 0.09680	\$ 97,959,997	77%	\$ (5,264,983)	\$ (0.00520)
48 Energy Charge - Transitional - First 1,000 kWh	281,507,430	\$ 0.07585	\$ 21,352,339	17%	\$ (1,147,608)	\$ (0.00408)
49 Energy Charge - Transitional - Over 1,000 kWh (June-September)	45,069,958	\$ 0.05217	\$ 2,351,300	2%	\$ (126,374)	\$ (0.00280)
50 Energy Charge - Transitional - Over 1,000 kWh (October-May)	154,140,518	\$ 0.03862	\$ 5,952,907	5%	\$ (319,946)	\$ (0.00208)
51					\$ (6,858,911)	
52 Small General Service - Rate SGS						
53 Energy Charge - First 1,000 kWh	45,802,927	\$ 0.09130	\$ 4,181,807	80%	\$ (146,048)	\$ (0.00319)
54 Energy Charge - Next 1,000 kWh	10,997,727	\$ 0.06928	\$ 761,923	15%	\$ (26,610)	\$ (0.00242)
55 Energy Charge - Over 2,000 kWh	7,004,727	\$ 0.03820	\$ 267,581	5%	\$ (9,345)	\$ (0.00133)
56					\$ (182,003)	
57 Demand General Service - Rate DGS						
58 Energy Charge - First 1,000 kWh	75,374,629	\$ 0.08025	\$ 6,048,814	9%	\$ (349,700)	\$ (0.00464)
59 Energy Charge - Next 14,000 kWh	976,061,979	\$ 0.05747	\$ 56,094,282	86%	\$ (3,242,976)	\$ (0.00332)
60 Energy Charge - Over 15,000 kWh	109,090,639	\$ 0.02673	\$ 2,915,993	4%	\$ (168,582)	\$ (0.00155)
61					\$ (3,761,258)	

Vectren South-Electric  
Federal Tax Reform Rate Adjustments  
Street Lighting Proposed Rates

Line No.	Rate Schedule	Current Base Rates		Adjustment	Proposed Base Rates		Proof	
		(\$/Year/Light)			(\$/Year/Light)		Rate Case Billing Determinants	Impact of Credit (Annual)
1	<b>Rate SL-1: Street Lighting Service - Series and/or</b>							
2	<b>Multiple Incandescent Lamps (A)</b>							
3	Overhead Construction-Wood Poles							
4	Radial Water Reflectors							
5	2,500 Lumen	\$	20.95	\$	(4.83)	\$	16.12	14 \$ (68)
6	Enclosing Globe							
7	2,500 Lumen	\$	25.40	\$	(4.83)	\$	20.57	7 \$ (34)
8	6,000 Lumen	\$	29.13	\$	(4.83)	\$	24.30	3 \$ (14)
9	<b>Rate SL-1: Street Lighting Service - Series and/or</b>							
10	<b>Multiple Mercury Vapor Lamps (B)</b>							
11	Overhead Construction - Wood Poles							
12	175 Watt (8,000 Lumens)	\$	67.88	\$	(4.83)	\$	63.06	3,643 \$ (17,585)
13	250 Watt (11,000 Lumens)	\$	91.47	\$	(4.83)	\$	86.64	- \$ -
14	400 Watt (20,000 Lumens)	\$	105.74	\$	(4.83)	\$	100.91	31 \$ (150)
15	1000 Watt (54,000 Lumens)	\$	116.75	\$	(4.83)	\$	111.93	- \$ -
16	Overhead Construction - Metal Poles							
17	175 Watt (8,000 Lumens)	\$	116.43	\$	(4.83)	\$	111.60	1,168 \$ (5,638)
18	Twin Arm 175 Watt (16,000 Lumens)	\$	206.32	\$	(4.83)	\$	201.49	6 \$ (29)
19	250 Watt (11,000 Lumens)	\$	134.64	\$	(4.83)	\$	129.82	- \$ -
20	400 Watt (20,000 Lumens)	\$	126.10	\$	(4.83)	\$	121.27	1 \$ (5)
21	Twin Arm 400 Watt (40,000 Lumens)	\$	221.73	\$	(4.83)	\$	216.91	- \$ -
22	1000 Watt (54,000 Lumens)	\$	170.75	\$	(4.83)	\$	165.93	- \$ -
23	Underground Construction Where Breaking and Replacing							
24	Pavement and/or Sidewalk is Not Req'd. - Metal Poles							
25	175 Watt (8,000 Lumens)	\$	127.44	\$	(4.83)	\$	122.62	73 \$ (352)
26	Twin Arm 175 Watt (16,000 Lumens)	\$	223.95	\$	(4.83)	\$	219.13	- \$ -
27	<b>Rate SL-1: Street Lighting Service - Series and/or</b>							
28	<b>Multiple High Pressure Sodium (C)</b>							
29	Overhead Construction - Wood Poles							
30	100 Watt (8,000 Lumens)	\$	76.90	\$	(4.83)	\$	72.07	4,621 \$ (22,305)
31	150 Watt (15,000 Lumens)	\$	75.53	\$	(4.83)	\$	70.70	780 \$ (3,765)
32	200 Watt (20,000 Lumens)	\$	127.04	\$	(4.83)	\$	122.22	2,042 \$ (9,857)
33	400 Watt (45,000 Lumens)	\$	178.60	\$	(4.83)	\$	173.77	49 \$ (237)
34	Overhead Construction - Metal Poles							
35	100 Watt (8,000 Lumens)	\$	125.49	\$	(4.83)	\$	120.66	968 \$ (4,672)
36	Twin Arm 100 Watt (16,000 Lumens)	\$	224.12	\$	(4.83)	\$	219.30	36 \$ (174)
37	150 Watt (15,000 Lumens)	\$	124.08	\$	(4.83)	\$	119.25	18 \$ (87)
38	200 Watt (20,000 Lumens)	\$	152.23	\$	(4.83)	\$	147.41	2,607 \$ (12,584)
39	Twin Arm 200 Watt (40,000 Lumens)	\$	261.79	\$	(4.83)	\$	256.96	2 \$ (10)
40	400 Watt (45,000 Lumens)	\$	232.55	\$	(4.83)	\$	227.72	114 \$ (550)
41	Twin Arm 400 Watt (90,000 Lumens)	\$	389.55	\$	(4.83)	\$	384.72	- \$ -
42	Underground Construction Where Breaking and Replacing							
43	Pavement and/or Sidewalk is Not Req'd. - Metal Poles							
44	100 Watt (8,000 Lumens)	\$	136.29	\$	(4.83)	\$	131.46	708 \$ (3,417)
45	Twin Arm 100 Watt (16,000 Lumens)	\$	241.54	\$	(4.83)	\$	236.71	9 \$ (43)
46	200 Watt (20,000 Lumens) (where direct burial cable	\$	233.12	\$	(4.83)	\$	228.30	124 \$ (599)
47	and imbedded type pole is used)							
48	Twin Arm 200 Watt (40,000 Lumens)	\$	346.69	\$	(4.83)	\$	341.86	22 \$ (106)
49	200 Watt (20,000 Lumens) (where conduit and anchor	\$	287.04	\$	(4.83)	\$	282.21	96 \$ (463)
50	base pole is used)							
51	400 Watt (45,000 Lumens)	\$	340.35	\$	(4.83)	\$	335.53	- \$ -
52	Twin Arm 400 Watt (90,000 Lumens)	\$	464.97	\$	(4.83)	\$	460.14	21 \$ (101)

**Vectren South-Electric**  
**Federal Tax Reform Rate Adjustments**  
**Street Lighting Proposed Rates**

Line No.	Rate Schedule	Current Base		Adjustment	Proposed Base		Proof	
		Rates			Rates		Rate Case Billing	Impact of Credit
		(\$/Year/Light)			(\$/Year/Light)	Determinants	(Annual)	
1	<b>Rate SL-1: Street Lighting Service - Series and/or</b>							
2	<b>Multiple Light Emitting Diode LED (D)</b>							
3	Overhead Construction - Wood Poles							
4	60 Watt (5,500 Lumens)	\$	52.64	\$ (4.83)	\$	47.81	-	\$ -
5	130 Watt (15,000 Lumens)	\$	107.98	\$ (4.83)	\$	103.15	-	\$ -
6	210 Watt (24,000 Lumens)	\$	185.59	\$ (4.83)	\$	180.76	-	\$ -
7	Overhead Construction - Metal Poles							
8	60 Watt (5,500 Lumens)	\$	101.23	\$ (4.83)	\$	96.40	-	\$ -
9	Twin Arm 60 Watt (11,000 Lumens)	\$	175.60	\$ (4.83)	\$	170.77	-	\$ -
10	130 Watt (15,000 Lumens)	\$	133.17	\$ (4.83)	\$	128.34	-	\$ -
11	Twin Arm 130 Watt (30,000 Lumens)	\$	223.67	\$ (4.83)	\$	218.84	-	\$ -
12	210 Watt (24,000 Lumens)	\$	239.54	\$ (4.83)	\$	234.71	-	\$ -
13	Twin Arm 210 Watt (48,000 Lumens)	\$	403.53	\$ (4.83)	\$	398.70	-	\$ -
14	Underground Construction Where Breaking and Replacing							
15	Pavement and/or Sidewalk is Not Req'd. - Metal Poles							
16	60 Watt (5,500 Lumens)	\$	112.03	\$ (4.83)	\$	107.20	-	\$ -
17	Twin Arm 60 Watt (11,000 Lumens)	\$	193.02	\$ (4.83)	\$	188.19	-	\$ -
18	130 Watt (15,000 Lumens) (where direct burial cable	\$	214.06	\$ (4.83)	\$	209.23	-	\$ -
19	and imbedded type pole is used)							
20	Twin Arm 130 Watt (30,000 Lumens)	\$	308.57	\$ (4.83)	\$	303.74	-	\$ -
21	130 Watt (15,000 Lumens) (where conduit and anchor	\$	267.99	\$ (4.83)	\$	263.16	-	\$ -
22	base pole is used)							
23	210 Watt (24,000 Lumens)	\$	347.34	\$ (4.83)	\$	342.51	-	\$ -
24	Twin Arm 210 Watt (48,000 Lumens)	\$	478.95	\$ (4.83)	\$	474.12	-	\$ -
25	<b>Rate SL-2: Ornamental Street Lighting Service</b>							
26	<b>Post Top Lantern Type Luminaire</b>							
27	Underground Construction - Wood Poles							
28	175 Watt (8,000 Lumens)-Mercury Vapor	\$	68.84	\$ (4.83)	\$	64.01	138	\$ (666)
29	100 Watt (8,000 Lumens) - High Pressure Sodium	\$	77.87	\$ (4.83)	\$	73.04	85	\$ (410)
30	60 Watt (5,500 Lumens) - Light Emitting Diode LED	\$	53.61	\$ (4.83)	\$	48.78	-	\$ -
31	<b>Rate SL-3: Ornamental Street Lighting Service</b>							
32	<b>Contemporary Spherical Luminaire</b>							
33	Underground Construction - Steel Post							
34	200 Watt High Pressure Sodium	\$	209.77	\$ (4.83)	\$	204.94	-	\$ -
35	130 Watt Light Emitting Diode LED	\$	190.71	\$ (4.83)	\$	185.88	-	\$ -
36	<b>Rate SL-5: Expressway Lighting Service</b>							
37	Mercury Vapor Street Lighting - Metal Pole							
38	1000 Watt Mercury Vapor (Frangible Construction)	\$	420.54	\$ (4.83)	\$	415.71	-	\$ -
39	1000 Watt Mercury Vapor (Non-Frangible Construction)	\$	398.97	\$ (4.83)	\$	394.14	-	\$ -
40	High Pressure Sodium Street Lighting - Metal Poles							
41	400 Watt High Pressure Sodium (Frangible Construction)	\$	483.23	\$ (4.83)	\$	478.41	382	\$ (1,844)
42	Twin 400 Watt High Pressure Sodium (Frangible Construction)	\$	651.78	\$ (4.83)	\$	646.95	10	\$ (48)
43	400 Watt High Pressure Sodium (Non-Frangible Construction)	\$	461.68	\$ (4.83)	\$	456.85	306	\$ (1,477)
44	Light Emitting Diode LED Street Lighting - Metal Poles							
45	210 Watt Light Emitting Diode (Frangible Construction)	\$	490.22	\$ (4.83)	\$	485.39	-	\$ -
46	Twin 210 Watt Light Emitting Diode (Frangible Construction)	\$	665.75	\$ (4.83)	\$	660.92	-	\$ -
47	210 Watt Light Emitting Diode (Non-Frangible Construction)	\$	468.67	\$ (4.83)	\$	463.84	-	\$ -
48	<b>Rate SL-7: Ornamental Street Lighting Service</b>							
49	Underground Construction - Metal Post							
50	100 Watt High Pressure Sodium	\$	182.36	\$ (4.83)	\$	177.53	-	\$ -
51	60 Watt Light Emitting Diode	\$	158.10	\$ (4.83)	\$	153.27	-	\$ -
52	<b>Rate SL-8: Ornamental Street Lighting Service</b>							
53	Underground Construction - Fiberglass Poles							
54	100 Watt High Pressure Sodium (8,000 Lumen)	\$	93.70	\$ (4.83)	\$	88.87	99	\$ (478)
55	60 Watt Light Emitting Diode (5,500 Lumen)	\$	69.44	\$ (4.83)	\$	64.61	-	\$ -
56	Total						18,183	\$ (87,768)

**Vectren South-Electric  
Federal Tax Reform Rate Adjustments  
Outdoor Lighting Proposed Rates**

Line No.	Rate Schedule	Current Base		Adjustment	Proposed Base		Proof	
		Rates			Rates		Rate Case Billing	Impact of Credit
		(\$/Month/Light)			(\$/Month/Light)		Determinants	(Annual)
1	<b>Outdoor Lighting - Rate OL</b>							
2	High Pressure Sodium							
3	100 Watt (8,000 Lumens)	\$ 5.54	\$ (0.39)	\$	5.15		2,592	\$ (12,087)
4	100 Watt Directional Luminaire (8,000 Lumens)	\$ 5.93	\$ (0.39)	\$	5.54		785	\$ (3,661)
5	200 Watt (20,000 Lumens)	\$ 7.59	\$ (0.39)	\$	7.20		826	\$ (3,852)
6	200 Watt Directional Luminaire (20,000 Lumens)	\$ 9.01	\$ (0.39)	\$	8.62		1,340	\$ (6,249)
7	400 Watt Directional Luminaire (45,000 Lumens)	\$ 15.13	\$ (0.39)	\$	14.74		1,556	\$ (7,256)
8	Mercury Vapor							
9	175 Watt (7,000 Lumens)	\$ 4.93	\$ (0.39)	\$	4.54		1,487	\$ (6,934)
10	400 Watt (20,000 Lumens)	\$ 5.96	\$ (0.39)	\$	5.57		160	\$ (746)
11	400 Watt Directional Luminaire (20,000 Lumens)	\$ 7.38	\$ (0.39)	\$	6.99		275	\$ (1,282)
12	1,000 Watt Directional Luminaire (50,000 Lumens)	\$ 10.24	\$ (0.39)	\$	9.85		85	\$ (396)
13	Emergency Sirens (Rate S)	\$ 16.22	\$ (0.39)	\$	15.83		30	\$ (140)
14	<b>Total</b>						<u>9,136</u>	<u>\$ (42,604)</u>

**Vectren South-Electric**  
**Cause No. 43839**  
**Federal Tax Reform - Base Rate Adjustment**

	Cause No. 43839 Rate Case Original	Adjusted Rate Case Proposed Rates	Tax Rate Adjustments	Rate Case Revised		
1	Revenue	\$ 587,677,172	\$ 587,677,172	\$ (16,670,635)	\$ 571,006,537	1
2	Cost of Sales	\$ 222,188,900	\$ 222,188,900		\$ 222,188,900	2
3	Total O&M Expense	\$ 145,791,061	\$ 145,791,061	\$ (69,433)	\$ 145,721,628	3
4	Depreciation and Amortization	\$ 72,105,460	\$ 72,105,460		\$ 72,105,460	4
5	Revenue Taxes	\$ 7,848,464	\$ 7,848,464	\$ (232,667)	\$ 7,615,797	5
6	Property Taxes	\$ 7,954,693	\$ 7,954,693		\$ 7,954,693	6
7	Interest Expense	\$ 35,888,522	\$ 35,888,522		\$ 35,888,522	7
8	Total Income Taxes	\$ 37,338,296	\$ 25,522,235	\$ (4,552,474)	\$ 20,969,762	8
9	<b>Net Income - Booked</b>	<b>\$ 58,561,776</b>	<b>\$ 70,377,837</b>	<b>\$ (11,816,061)</b>	<b>\$ 58,561,776</b>	9
10	<b>Net Operating Income</b>	<b>\$ 94,450,298</b>	<b>\$ 106,266,359</b>	<b>\$ (11,816,061)</b>	<b>\$ 94,450,298</b>	10
11	NOI Excess above Authorized		\$ (11,816,061)			11
12	Revenue Conversion Factor	58.32%	70.88%			12
13	Required Reduction to Revenue		\$ (16,670,635)			13
14	<b>State Tax Calculation:</b>					14
15	Revenue	\$ 587,677,172	\$ 587,677,172		\$ 571,006,537	15
16	Cost of Sales	\$ 222,188,900	\$ 222,188,900		\$ 222,188,900	16
17	Total O&M Expense	\$ 145,791,061	\$ 145,791,061		\$ 145,721,628	17
18	Depreciation and Amortization	\$ 72,105,460	\$ 72,105,460		\$ 72,105,460	18
19	Property Taxes	\$ 7,954,693	\$ 7,954,693		\$ 7,954,693	19
20	Interest Expense	\$ 35,888,522	\$ 35,888,522		\$ 35,888,522	20
21	Pre-Deductions	\$ 103,748,536	\$ 103,748,536		\$ 87,147,334	21
22	Permanent Differences	\$ 583,494	\$ 583,494		\$ 583,494	22
23	State Taxable Income	\$ 104,332,030	\$ 104,332,030		\$ 87,730,828	23
24	State Tax Rate	8.50%	8.50%		8.50%	24
25	Calculated State Taxes	\$ 8,868,223	\$ 8,868,223		\$ 7,457,120	25
26	Permanent Credit	\$ 287,446	\$ 287,446		\$ 287,446	26
27	State Taxes in Base Rates	\$ 9,155,669	\$ 9,155,669		\$ 7,744,566	27
28	State Taxable Income	\$ 104,332,030	\$ 104,332,030		\$ 87,730,828	28
29	Calculation Exclusion	\$ 107,917	\$ 107,917		\$ 107,917	29
30	Kentucky Taxable Income	\$ 104,439,947	\$ 104,439,947		\$ 87,838,745	30
31	Kentucky State Tax Rate	0.002359%	0.002359%		0.002359%	31
32	Kentucky State Tax	\$ 2,464	\$ 2,464		\$ 2,072	32
33	<b>Federal Income Tax Calculation:</b>					33
34	Revenue	\$ 587,677,172	\$ 587,677,172		\$ 571,006,537	34
35	Cost of Sales	\$ 222,188,900	\$ 222,188,900		\$ 222,188,900	35
36	Total O&M Expense	\$ 145,791,061	\$ 145,791,061		\$ 145,721,628	36
37	Depreciation and Amortization	\$ 72,105,460	\$ 72,105,460		\$ 72,105,460	37
38	Property Taxes	\$ 7,954,693	\$ 7,954,693		\$ 7,954,693	38
39	Interest Expense	\$ 35,888,522	\$ 35,888,522		\$ 35,888,522	39
40	Revenue Taxes	\$ 7,848,464	\$ 7,848,464		\$ 7,615,797	40
41	State Income Taxes	\$ 9,158,132	\$ 9,158,132		\$ 7,746,639	41
42	Pre-Deductions	\$ 86,741,940	\$ 86,741,940		\$ 71,784,899	42
43	Permanent Differences	\$ (2,341,506)	\$ (2,341,506)		\$ (2,341,506)	43
44	Federal Taxable Income	\$ 84,400,434	\$ 84,400,434		\$ 69,443,393	44
45	Federal Tax Rate	35.00%	21.00%		21.00%	45
46	Calculated Federal Taxes	\$ 29,540,152	\$ 17,724,091		\$ 14,583,113	46
47	Permanent Credit	\$ (1,359,988)	\$ (1,359,988)		\$ (1,359,988)	47
48	Federal Taxes in Base Rates	\$ 28,180,164	\$ 16,364,103		\$ 13,223,125	48
49	Total Income Taxes	\$ 37,338,296	\$ 25,522,235		\$ 20,969,763	49
50	Per Rate Case	\$ 37,338,296				50
51	Difference	\$ 0				51

**Vectren South-Electric  
Cause No. 43839  
Federal Tax Reform - Base Rate Adjustment**

1	<b>Revenue Conversion Factor:</b>				52
2	One	1.000000	1.000000	1.000000	53
3	Less: IURC Fee	0.001074	0.001074	0.001074	54
4	Less: Bad Debt	0.003091	0.003091	0.003091	55
5	One Less IURC Fee and IURT	<u>0.995835</u>	<u>0.995835</u>	<u>0.995835</u>	56
6	One	1.000000	1.000000	1.000000	57
7	Less: Bad Debt	0.003091	0.003091	0.003091	58
8	Taxable Adjusted IURT	<u>0.996909</u>	<u>0.996909</u>	<u>0.996909</u>	59
9	IURT Rate	<u>0.014000</u>	<u>0.014000</u>	<u>0.014000</u>	60
10	Adjusted IURT	0.013957	0.013957	0.013957	61
11	One	1.000000	1.000000	1.000000	62
12	Less: Bad Debt	0.003091	0.003091	0.003091	63
13	Less: IURC Fee	0.001074	0.001074	0.001074	64
14	Taxable Adjusted Gross Income Tax	<u>0.995835</u>	<u>0.995835</u>	<u>0.995835</u>	65
15	Adjusted Gross Income Tax Rate	<u>0.085000</u>	<u>0.085000</u>	<u>0.085000</u>	66
16	Adjusted Gross Income Tax	<u>0.084646</u>	<u>0.084646</u>	<u>0.084646</u>	67
17	Kentucky Apportionment	0.000337	0.000337	0.000337	68
18	Kentucky State Income Tax Rate	0.070000	0.070000	0.070000	69
19	Effective Kentucky Income Tax Rate	0.000024	0.000024	0.000024	70
20	Kentucky Coal Tax Credit Effect	0.000000	0.000000	0.000000	71
21	Line 5 less line 16 less line 19 less line 20	0.897209	0.897209	0.897209	72
22	One	1.000000	1.000000	1.000000	73
23	Less: Federal Income Tax Rate	0.350000	0.210000	0.210000	74
24	One Less Federal Income Tax Rate	<u>0.650000</u>	<u>0.790000</u>	<u>0.790000</u>	75
25	Effective Incremental Revenue/NOI Conversion Factor	<u>58.32%</u>	<u>70.88%</u>	<u>70.88%</u>	76

**Vectren South-Electric  
Cause No. 43839  
Federal Tax Reform - Base Rate Adjustment**

		Residential Rate RS	Water Heating Rate B	Small General Service Rate SGS	Demand General Service Rate DGS	Off-Season Service Rate OSS	Large Power Rate LP	Backup, Maintenance, Auxiliary Rate BAMP	High Load Factor Rate HLF	Outdoor Lighting Rate OL	Street Lighting Rate SL
1	Taxable Income	\$ 41,051,202	\$ 188,881	\$ 1,116,348	\$ 29,006,287	\$ 2,029,833	\$ 21,134,775	\$ -	\$ 891,082	\$ 253,737	\$ 525,911
2	Cause No. 43839	\$ 96,198,056	\$ 42,6736%	\$ 1,1605%	\$ 30,1527%	\$ 2,1100%	\$ 21,9701%	\$ 0.0000%	\$ 0.9263%	\$ 0.2638%	\$ 0.5467%
3	Total Margin	\$ 100,0000%	\$ 0.1963%	\$ 8,370,951	\$ 113,893,246	\$ 8,914,709	\$ 70,104,233	\$ -	\$ 3,635,089	\$ 1,003,232	\$ 2,461,962
4	Cause No. 43839	\$ 186,313,423	\$ 1,211,947	\$ 2,1144%	\$ 28,7675%	\$ 2,2517%	\$ 17,7072%	\$ 0.0000%	\$ 0.9182%	\$ 0.2534%	\$ 0.6218%
5	Fixed Cost Recovery - Energy Charge	\$ 47,0597%	\$ 0.3061%	\$ 100,0000%	\$ 77,2216%	\$ 71,4342%	\$ 50,1351%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%
6	Fixed Cost Recovery - Demand Charge	\$ 100,0000%	\$ 100,0000%	\$ 100,0000%	\$ 22,7784%	\$ 28,5658%	\$ 49,8649%	\$ 0.0000%	\$ 100,0000%	\$ 0.0000%	\$ 0.0000%
7	Fixed Cost Recovery - Per Light Charge	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 0.0000%	\$ 100,0000%	\$ 100,0000%
8	Total Energy (kWh)	\$ 1,492,701,342	\$ 12,370,498	\$ 63,805,381	\$ 1,160,527,247	\$ 100,743,921	\$ 1,205,522,138	\$ -	\$ 81,222,000	\$ 7,650,084	\$ 14,468,073
9	Total Demand (kW/kVa)	\$ 6,618,733	\$ -	\$ -	\$ 3,542,014	\$ 378,855	\$ 2,577,902	\$ -	\$ 119,962	\$ -	\$ 18,183
10	Total Lights	\$ 27,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,136	\$ -
<b>**Allocate Tax Reform Credit**</b>											
11	Taxable Income Allocation	\$ (16,670,635)	\$ 42,6736%	\$ 1,1605%	\$ 30,1527%	\$ 2,1100%	\$ 21,9701%	\$ 0.0000%	\$ 0.9263%	\$ 0.2638%	\$ 0.5467%
12	Tax Reform Credit	\$ (13,309,296)	\$ (7,113,960)	\$ (193,463)	\$ (5,026,647)	\$ (551,750)	\$ (3,662,555)	\$ -	\$ (154,420)	\$ (43,977)	\$ (91,138)
13	Tax Reform Credit - Energy Charge	\$ (3,226,221)	\$ (32,724)	\$ (193,463)	\$ (3,981,655)	\$ (251,270)	\$ (1,836,227)	\$ -	\$ -	\$ -	\$ -
14	Tax Reform Credit - Demand Charge	\$ (135,115)	\$ -	\$ -	\$ (1,144,992)	\$ (100,480)	\$ (1,826,329)	\$ -	\$ (154,420)	\$ -	\$ -
15	Tax Reform Credit - Per Light	\$ (135,115)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (43,977)	\$ (91,138)
16	Tax Reform Credit - Energy Charge	\$ (0,00477)	\$ (0,00265)	\$ (0,00303)	\$ (0,00334)	\$ (0,00249)	\$ (0,00152)	\$ -	\$ -	\$ -	\$ -
17	Tax Reform Credit - Demand Charge	\$ -	\$ -	\$ -	\$ (0,323)	\$ (0,285)	\$ (0,708)	\$ -	\$ (1,287)	\$ -	\$ -
18	Tax Reform Credit - Per Light Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0,40)	\$ (0,42)
19	Tax Reform Credit - Per Light Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>**Allocate Special Contract Impact**</b>											
20	Special Contract Change	\$ 315,768	\$ 255,049	\$ 11,459	\$ 28,7675%	\$ 2,2517%	\$ 17,7072%	\$ 0.0000%	\$ 0.9182%	\$ 0.2534%	\$ 0.6218%
21	Special Contract 1	\$ 445,395	\$ 1,659	\$ 11,459	\$ 155,911	\$ 12,204	\$ 95,968	\$ -	\$ 4,976	\$ 1,373	\$ 3,370
22	Special Contract 2	\$ 91,831	\$ -	\$ -	\$ 120,397	\$ 8,717	\$ 48,113	\$ -	\$ -	\$ -	\$ -
23	Special Contract 3	\$ 4,743	\$ -	\$ -	\$ 35,514	\$ 3,486	\$ 47,854	\$ -	\$ 4,976	\$ -	\$ -
24	Special Contract Change - Energy Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Special Contract Change - Demand Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Special Contract Change - Per Light Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	Total Margin Allocation	\$ 541,969	\$ 255,049	\$ 11,459	\$ 28,7675%	\$ 2,2517%	\$ 17,7072%	\$ 0.0000%	\$ 0.9182%	\$ 0.2534%	\$ 0.6218%
28	Special Contract Change	\$ 541,969	\$ 255,049	\$ 11,459	\$ 28,7675%	\$ 2,2517%	\$ 17,7072%	\$ 0.0000%	\$ 0.9182%	\$ 0.2534%	\$ 0.6218%
29	Special Contract Change - Energy Charge	\$ 445,395	\$ 1,659	\$ 11,459	\$ 120,397	\$ 8,717	\$ 48,113	\$ -	\$ -	\$ -	\$ -
30	Special Contract Change - Demand Charge	\$ 91,831	\$ -	\$ -	\$ 35,514	\$ 3,486	\$ 47,854	\$ -	\$ 4,976	\$ -	\$ -
31	Special Contract Change - Per Light Charge	\$ 4,743	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Special Contract Change - Energy Charge	\$ 0.00017	\$ 0.00013	\$ 0.00018	\$ 0.00010	\$ 0.00009	\$ 0.00004	\$ -	\$ -	\$ -	\$ -
33	Special Contract Change - Demand Charge	\$ -	\$ -	\$ -	\$ 0.010	\$ 0.009	\$ 0.019	\$ -	\$ 0.041	\$ -	\$ -
34	Special Contract Change - Per Light Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.02
35	Net Rate Charge - Energy Charge	[Note 1]	\$ (0,00459)	\$ (0,00285)	\$ (0,00324)	\$ (0,00241)	\$ (0,00148)	\$ -	\$ -	\$ -	\$ -
36	Net Rate Charge - Demand Charge	[Note 1]	\$ -	\$ -	\$ (0,313)	\$ (0,256)	\$ (0,690)	\$ -	\$ (1,246)	\$ (0,39)	\$ (0,40)
37	Net Rate Charge - Per Light Charge	[Note 1]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Energy Charge	\$ (12,863,903)	\$ (6,858,911)	\$ (182,003)	\$ (3,761,258)	\$ (242,552)	\$ (1,788,113)	\$ -	\$ -	\$ -	\$ -
39	Demand Charge	\$ (3,134,391)	\$ -	\$ -	\$ (1,109,478)	\$ (96,994)	\$ (1,778,475)	\$ -	\$ (149,444)	\$ -	\$ -
40	Per Light Charge	\$ (130,372)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (42,604)	\$ (87,768)
41	Special Contract	\$ (16,128,666)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42	Total	\$ (541,969)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43	Variance	\$ (16,670,635)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note 1 - Rates calculated represent the average rate for each rate schedule. For those that have multiple step rates, specific credits are determined by rate schedule in Exhibit A.

Workpapers to Exhibit C

Vectren South-Electric  
Cost of Service Study Workpapers  
Cause No. 43839

	TOTAL	Residential (RS)	Water Heating (B)	Small General Service (SGS)	Demand General Service (DGS)	Off-Season Service (OSS)	Large Power Service (LP)	Backup Maintenance Auxiliary (BAMP)	High Load Factor Service (HLF)	Outdoor Lighting (OL)	Street Lighting (SL)
[1] Rate Base	\$ 1,295,614,497	\$ 642,330,801	\$ 4,605,358	\$ 29,546,728	\$ 369,435,688	\$ 30,319,191	\$ 199,356,339	\$ -	\$ 9,967,947	\$ 2,818,304	\$ 7,234,140
[2] NOI	\$ 94,450,296	\$ 42,904,502	\$ 245,037	\$ 1,515,638	\$ 27,868,026	\$ 2,078,424	\$ 18,269,202	\$ -	\$ 814,404	\$ 232,772	\$ 522,291
[3] Income Tax	\$ 37,636,282	\$ 15,939,263	\$ 71,413	\$ 419,154	\$ 11,371,630	\$ 791,251	\$ 8,387,744	\$ -	\$ 352,790	\$ 99,031	\$ 204,005
[4] Interest Exp	\$ 35,888,522	\$ 17,792,563	\$ 127,568	\$ 818,444	\$ 10,233,369	\$ 839,842	\$ 5,522,171	\$ -	\$ 276,112	\$ 78,067	\$ 200,386
[5] Taxable Income	\$ 96,198,056	\$ 41,051,202	\$ 188,881	\$ 1,116,348	\$ 29,006,287	\$ 2,029,833	\$ 21,134,775	\$ -	\$ 891,082	\$ 253,737	\$ 525,911
[6] Effective Rate	39.124%	38.828%	37.808%	37.547%	38.204%	38.981%	39.687%	0.000%	39.591%	39.029%	38.791%
[7] Statutory Rate	40.525%	1-(1-0.35) <sup>1</sup> (1-0.085)									
[8] Taxable Income	100.0000%	42.6736%	0.1963%	1.1605%	30.1527%	2.1101%	21.9701%	0.0000%	0.9263%	0.2638%	0.5467%
[9] Revenue	\$ 591,442,593	\$ 257,526,721	\$ 1,802,114	\$ 11,414,957	\$ 169,226,065	\$ 13,720,966	\$ 125,965,200	\$ -	\$ 7,266,170	\$ 1,368,200	\$ 3,152,200
[10] FAC Fuel Cost	\$ 195,533,802	\$ 71,213,298	\$ 590,168	\$ 3,044,006	\$ 55,332,819	\$ 4,806,257	\$ 55,860,967	\$ -	\$ 3,631,082	\$ 364,968	\$ 690,238
[11] Margin	\$ 395,908,791	\$ 186,313,423	\$ 1,211,947	\$ 8,370,951	\$ 113,893,246	\$ 8,914,709	\$ 70,104,233	\$ -	\$ 3,635,089	\$ 1,003,232	\$ 2,461,962
[12] Margin	100.0000%	47.0597%	0.3061%	2.1144%	28.7675%	2.2517%	17.7072%	0.0000%	0.9182%	0.2534%	0.6219%
[13] Energy (kWh)	4,139,010,684	1,492,701,342	12,370,498	63,805,381	1,160,527,247	100,743,921	1,205,522,138	-	81,222,000	7,650,084	14,468,073
[14] Margin - Energy Charge	\$ 231,722,709	\$ 129,132,527	\$ 615,556	\$ 5,275,819	\$ 66,043,102	\$ 4,736,979	\$ 25,918,726	\$ -	\$ -	\$ -	\$ -
[15] Demand (kW/kVa)	6,618,733	-	-	-	3,542,014	378,855	2,577,902	-	119,962	-	-
[16] Margin - Demand	\$ 49,728,805	\$ -	\$ -	\$ -	\$ 19,481,077	\$ 1,894,273	\$ 25,779,015	\$ -	\$ 2,574,440	\$ -	\$ -
[17] Lights (Number)	27,319	-	-	-	-	-	-	-	-	9,136	18,183
[18] Margin - Lights	\$ 4,002,418	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,204,717	\$ 2,797,701	
[19] Margin from Energy		100.0000%	100.0000%	100.0000%	77.2216%	71.4342%	50.1351%	0.0000%	0.0000%	0.0000%	0.0000%
[20] Margin from Demand		0.0000%	0.0000%	0.0000%	22.7784%	28.5658%	49.8649%	0.0000%	100.0000%	0.0000%	0.0000%
[21] Margin from Quantity of Lights		0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	100.0000%	100.0000%

[1] [5]/[14]  
 [2] [9]/[5]  
 [3] 1-(1-0.35)<sup>1</sup>(1-0.085)  
 [4] [5]/[5]  
 [5] [9]/[10]  
 [6] [11]/[5]  
 [7] [14]/((1+4)\*16\*18)  
 [8] [16]/((1+4)\*16\*18)  
 [9] [18]/((1+4)\*16\*18)

Southern Indiana Gas and Electric Company D/B/A  
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## RATE RS RESIDENTIAL SERVICE

### AVAILABILITY

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### APPLICABILITY

This Rate Schedule shall be applicable to all Residential Customers. Customers shall be classified for billing purposes as either Standard or Transitional. A Transitional Customer shall be any Residential Customer who receives service at a Transitional Premises. A Transitional Premises is any Residential Premises which permanently and exclusively uses electric equipment for space heating, takes all service through one meter and which either received service under the former Rate EH as of May 3, 2011 or which is attached to Company's distribution system on or before May 3, 2012. Standard Customers are all other Residential Customers.

### CHARACTER OF SERVICE

Service provided hereunder shall be alternating current, sixty hertz, Single Phase, three-wire 120/240 or 120/208 nominal volts, or any other mutually agreed upon voltages.

### RATES AND CHARGES

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

\$11.00 per month

#### **Energy Charge:**

##### Standard Customers

\$0.09~~160~~ per kWh for all kWh used per month

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##### Transitional Customers

\$0.07~~177~~ per kWh for the first 1,000 kWh used per month

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\$0.0~~4937~~ per kWh for all over 1,000 kWh used during the months of June through September

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\$0.0~~3654~~ per kWh for all over 1,000 kWh used during the months of October through May

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#### **Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

Effective:

Deleted: May 3, 2016

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## **RATE B** **WATER HEATING SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to Customers electing service hereunder for separately metered service used for water heating, subject to the conditions set forth below. This Rate Schedule is closed to new Customers.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Single Phase, three-wire 120/240 or 120/208 nominal volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The monthly Rate and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

\$ 5.00 per month

#### **Energy Charge:**

\$0.04688 per kWh for all kWh used per month

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#### **Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge.

#### **Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

#### **Riders:**

The following Rider is available to qualified Customers:

- Rider DLC – Direct Load Control Rider

#### **Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

Effective:

Deleted: : December 21, 2017

Southern Indiana Gas and Electric Company D/B/A  
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## RATE SGS SMALL GENERAL SERVICE

### AVAILABILITY

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### APPLICABILITY

This Rate Schedule shall be applicable to any Non-Residential Customer with a Prior Year Maximum Demand or, if new Customer, an estimated Maximum Demand, of 10kW, or less electing service hereunder. Company shall determine Customer's estimated Maximum Demand by review of the connected load or other suitable means.

### CHARACTER OF SERVICE

Service provided hereunder shall be alternating current, sixty hertz, Single Phase, three-wire 120/240 or 120/208 nominal volts, or any other mutually agreed upon voltages.

### RATES AND CHARGES

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

\$11.00 per month

#### **Energy Charge:**

\$0.08811, per kWh for the first 1,000 kWh used per month

\$0.06686, per kWh for the next 1,000 kWh used per month

\$0.03687, per kWh for all over 2,000 kWh used per month

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#### **Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge.

#### **Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

#### **Riders:**

The following Riders are available to qualified Customers:

- Rider NM – Net Metering Rider
- Rider DLC – Direct Load Control Rider

Effective:

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)

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**RATE SGS**  
**SMALL GENERAL SERVICE**  
(Continued)

**Other Charges:**

[The Other Charges set forth in Appendix D shall be charged to Customer, if applicable](#)

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions and the Commission's Regulations.

Effective: Deleted: May 3, 2011

Southern Indiana Gas and Electric Company D/B/A  
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## RATE DGS DEMAND GENERAL SERVICE

### AVAILABILITY

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### APPLICABILITY

This Rate Schedule shall be applicable to any Non-Residential Customer with a Prior Year Maximum Demand of more than 10kW for light and/or power requirements supplied through one light meter and/or one power meter, or at the option of Company, through a single meter for lighting and power, who elects service hereunder. Customer shall be classified for billing purposes based on Prior Year Maximum Demand as follows:

- DGS-1 – Up to and including 70 kW
- DGS-2 – Over 70 kW and up to and including 300 kW
- DGS-3 – Over 300 kW

### CHARACTER OF SERVICE

Service provided hereunder shall be alternating current, sixty hertz, single or three phase, nominal voltages 120/240, 120/208, 240, 277/480, 480 volts, or any other mutually agreed upon voltages.

### RATES AND CHARGES

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

- DGS-1 - \$15.00 per month
- DGS-2 - \$35.00 per month
- DGS-3 - \$75.00 per month

#### **Demand Charge:**

The monthly charge for the first 10 kW of Billing Demand is included in the Energy Charge.

\$5.187, per kW per Month for all kW of Billing Demand in excess of 10 kW

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#### **Energy Charge:**

- \$0.07561, per kWh for the first 1,000 kWh used per month
- \$0.05415, per kWh for the next 14,000 kWh used per month \*
- \$0.02518, per kWh for all over 15,000 kWh used per month

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\*For Billing Demand in excess of 10 kW add 300 kWh per kW of such excess to this rate usage step.

#### **Fuel Charge:**

\$0.03887 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00474 per kWh for all kWh used per month

Effective:

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Southern Indiana Gas and Electric Company D/B/A  
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**RATE DGS**  
**DEMAND GENERAL SERVICE**  
(Continued)

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Demand Charge.

**Transformer Ownership Discount:**

Customers with a Maximum Demand of 100 kW or greater and receiving service at Company's available Primary Voltage may own, operate and maintain all transformer facilities. A discount of forty-five and one-tenth cents (\$0.451) for each kW of Billing Demand will apply to such customers.

**Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Riders:**

The following Riders are available to qualified Customers:

- Rider IP-2 – Interruptible Power Service
- Rider NM – Net Metering Rider
- Rider DLC – Direct Load Control Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed Service Rider
- Rider ED – Economic Development Rider
- Rider AD – Area Development Rider
- Rider TS – Temporary Service Rider
- Rider DR – MISO Demand Response

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

**DETERMINATION OF BILLING DEMAND**

The Billing Demand for the current month shall be the Maximum Demand, but not less than 60% of the highest Maximum Demand for the Prior Year.

**SEPARATE METERING**

When the lighting and power demands are metered separately, the Maximum Demand of the Month shall be the arithmetical sum of the Maximum Demand of each meter. The energy use of the lighting and power meters shall also be added.

Effective:

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**RATE DGS**  
**DEMAND GENERAL SERVICE**  
(Continued)

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions and the Commission's Regulations.

Effective:

Southern Indiana Gas and Electric Company D/B/A  
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Cancels Fourth, Revised Page 1 of 2

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## **RATE OSS** **OFF-SEASON SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer with a Prior Year Maximum Demand of more than 10kW whose service address is an Eligible Premises. An Eligible Premises is one which permanently and exclusively uses electric equipment for space heating, takes all service through one meter, and which received service under Rate OSS on or before May 3, 2011 and who elects service hereunder.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, single or Three Phase, nominal voltages 120/240, 120/208, 240, 277/480, 480 volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The Monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

\$15.00 per month

#### **Demand Charge:**

~~\$4.744~~ per kW per month for all kW of Billing Demand.

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#### **Energy Charge:**

~~\$0.04385~~ per kWh for all kWh used per month.

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#### **Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Demand Charge.

#### **Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

Effective: Deleted: December 21, 2017

Southern Indiana Gas and Electric Company D/B/A  
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## RATE LP LARGE POWER SERVICE

### AVAILABILITY

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### APPLICABILITY

This Rate Schedule shall be applicable to any Non-Residential Customer receiving Electric Service at Primary or Transmission Voltage and having a Prior Year Maximum Demand of 300 kVa or greater, electing service hereunder. Transmission Voltage service, where available, shall be at 69kV or higher, at the option of Company.

### CHARACTER OF SERVICE

Service provided hereunder shall be alternating current, sixty hertz, Three Phase, nominal voltages, 4160/2400, 12470/7200, 69000, 138000 volts or any other mutually agreed upon voltages. Customer shall furnish and maintain all necessary transforming, controlling and protective equipment. Service will be metered at the Primary or Transmission Voltage supplied.

### RATES AND CHARGES

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

\$150.00 per Month

#### **Demand Charge:**

~~\$9.310~~, per kVa per month for all kVa of Billing Demand.

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#### **Transmission Voltage Discount** (for delivery at 69 kV or higher):

\$2.342 per kVa per month for all kVa of Billing Demand.

#### **Energy Charge:**

~~\$0.01947~~, per kWh for all kWh used per month

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#### **Fuel Charge:**

\$0.03770 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00460 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Minimum Demand Charge.

The Minimum Demand Charge shall be calculated as the Demand Charge per kVa multiplied by 60% of the highest Billing Demand for the Prior Year (but not less than 300 kVa).

Effective:

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Southern Indiana Gas and Electric Company D/B/A  
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**RATE LP**  
**LARGE POWER SERVICE**  
(Continued)

**Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Riders:**

The following Riders are available to qualified Customers:

- Rider IP-2 – Interruptible Power Service
- Rider DLC – Direct Load Control Rider
- Rider IC – Interruptible Contract Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed Service Rider
- Rider ED – Economic Development Rider
- Rider AD – Area Development Rider
- Rider DR – MISO Demand Response

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

**DETERMINATION OF BILLING DEMAND**

Unless otherwise specified in the Contract, the Billing Demand for the current month shall be the Maximum Demand, but not less than 60% of the highest Maximum Demand for the Prior Year and in no event less than 300 kVa.

Off-peak demands which will be disregarded in determining the Billing Demand shall be those demands created on Saturdays, Sundays, and holidays designated by Company and between 8:00 P.M. and 7:00 A.M. on any other day, provided that the Billing Demand for the month shall never be less than 50% of the Maximum Demand during such month regardless of when such Maximum Demand occurred.

Company reserves the right, upon thirty days notice to Customer, to change the off-peak demand periods when peak load conditions on Company's system make such modification necessary. Company shall not be required to increase the capacity of any service facilities in order to furnish off-peak demands.

**CONTRACT**

For service hereunder, a written Contract is required for an initial term of not less than three (3) years or for a longer period where unusual expenditures by Company may be necessary to provide service, and such Contract shall continue for annual successive terms unless cancelled. The Contract may be cancelled by either party by providing written notice to the other party not less than one (1) year prior to the date of termination.

Effective:

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**RATE LP**  
**LARGE POWER SERVICE**  
(Continued)

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions and the Commission's Regulations.

Effective:

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Southern Indiana Gas and Electric Company D/B/A  
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Cancels ~~Fifth~~, Revised Page 1 of 2

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## **RATE HLF** **HIGH LOAD FACTOR SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion. This service is available only from facilities operating at Transmission Voltage.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer supplied at a single point of delivery with a Contract Demand of not less than 4,500 kVa electing service hereunder.

This Rate Schedule is not applicable to Customer where 1) an alternate source of power is used, 2) for resale to others, or 3) as a supplement to service furnished under any other Rate Schedule.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Three Phase, nominal voltages 69,000, 138,000 volts or any other mutually agreed upon voltages. Customer shall furnish and maintain all necessary transforming, controlling and protective equipment.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

#### **Demand Charge:**

~~\$19.482~~ per kVa per month for all kVa of Billing Demand

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#### **Fuel Charge:**

\$0.03644 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00445 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Demand Charge, but not less than \$93,276.00 per month.

#### **Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

Effective:

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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**RATE BAMP**  
**BACKUP, AUXILIARY AND**  
**MAINTENANCE POWER SERVICES**

(Continued)

**Maintenance Power Service** is capacity and energy provided by Company to replace capacity and energy normally generated by Customer's generating equipment during a scheduled outage of such equipment. Maintenance Power will only be available by schedule as agreed to by Company a minimum of 14 days in advance.

All Power Services supplied hereunder shall be provided only to the extent of the available capacity of Company's electric facilities and of its supply lines, at such frequency, phase, regulation and voltage as it has available at the location of service. Customer must provide protective and regulation equipment satisfactory to Company to interconnect and/or operate its electric generation facilities in parallel with Company's system.

**RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

**Customer Facilities Charge:** \$100.00 per month

**Capacity Charge:**

**Backup Power  
-firm**

\$5.502, plus 120% of the capacity component in the current Rate CSP, per kVa of Rated Capacity.

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**-non-firm**

\$5.502, per kVa of Rated Capacity, plus \$2.98 per kVa of Billing Demand.

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**Auxiliary Power**

The Capacity Charge of Customer's applicable Rate Schedule, per kVa of Billing Demand

**Maintenance Power**

The applicable Demand Charge per kVa currently in effect for Rate LP, exclusive of any minimums.

**Transmission Voltage Discount  
(for delivery at 69kV or higher)**

\$2.34 per kVa of Billing Demand or Rated Capacity.

**Energy Charges:**

**All kWh used (Backup)**

100% of Company's hourly incremental energy costs, per kWh, inclusive of any variable production charges.

**All kWh used (Auxiliary and  
Maintenance)**

The Energy Charge and Variable Production Charge and the Fuel Cost Adjustment in Appendix A of Customer's applicable Rate Schedule.

**Fuel Charge:**

Customer shall be subject to Fuel Charge as specified in Customer's applicable Rate Schedule. Effective: \_\_\_\_\_

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Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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## RATE MLA MUNICIPAL LEVEE AUTHORITY SERVICE

### AVAILABILITY

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### APPLICABILITY

This Rate Schedule shall be applicable to any Municipal Levee Authority Customer with a Maximum Demand of more than 200kW for light and/or power requirements supplied through one light meter and/or one power meter, or at the option of Company, through a single meter for lighting and power, which elects service hereunder. Customers shall be classified for billing purposes based on Monthly Contract Demand as follows:

- MLA-2 – Up to and including 300 kW
- MLA-3 – Over 300 kW

### CHARACTER OF SERVICE

Service provided hereunder shall be alternating current, sixty hertz, three phase, nominal voltages 120/240, 120/208, 240, 277/480, 480 volts, or any other mutually agreed upon voltages.

### RATES AND CHARGES

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

- MLA-2 - \$35.00 per month
- MLA-3 - \$75.00 per month

#### **Demand Charge:**

The monthly charge for the first 10 kW of Billing Demand is included in the Energy Charge below.

\$5.187, per kW per Month for all kW of Billing Demand in excess of 10 kW

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#### **Energy Charge:**

- \$0.07561, per kWh for the first 1,000 kWh used per month
- \$0.05415, per kWh for the next 14,000 kWh used per month \*
- \$0.02518, per kWh for all over 15,000 kWh used per month

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\*For Billing Demand in excess of 10 kW add 300 kWh per kW of such excess to this rate usage step.

#### **Fuel Charge:**

\$0.03887 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00474 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Demand Charge..

Effective: Deleted: January 11, 2018

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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**RATE SL-1**  
**STREET LIGHTING SERVICE**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for standard street and highway lighting service to any Customer which is a Municipal Corporation.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including poles, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. All equipment shall be of standard design and construction as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment. Company reserves the right to furnish such service from either series or multiple circuits, or both.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charges:**

(Payable in twelve (12) equal monthly payments)

(A) Series and/or Multiple Incandescent Lamp Street Lighting Rates limited to Lamps in use and/or on Order as of August 1, 1968.

Annual Facilities Charge Per Fixture

Overhead Construction – Wood Poles

2500 Lumen  
6000 Lumen

<u>Radial Wave Reflectors</u>	<u>Enclosing Globe</u>
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\$ <u>16.12</u>	\$ <u>20.57</u>
	\$ <u>24.30</u>

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Effective:

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Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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**RATE SL-1**  
**STREET LIGHTING SERVICE**  
(Continued)

(B) Series and/or Multiple Mercury Vapor Lamp Street Lighting Rates Limited to Lamps in Use and/or on order as of December 31, 1980.

Overhead Construction

175 Watt (Approximately 8,000 Lumens)  
Twin arm 175 Watt (Approximately 16,000 Lumens),  
maximum arm length 15' ... 180° mounting  
250 Watt (Approximately 11,000 Lumens)  
400 Watt (Approximately 20,000 Lumens)  
Twin arm 400 Watt (Approximately 40,000 Lumens),  
maximum arm length 15' ... 180° mounting  
1000 Watt (Approximately 54,000 Lumens)

Annual Facilities Charge Per Fixture

Wood Poles    Metal Poles

\$ ~~63.06~~,    \$ ~~111.60~~  
-    \$ ~~201.49~~  
  
\$ ~~86.64~~,    \$ ~~129.82~~  
\$ ~~100.91~~,    \$ ~~121.27~~  
-    \$ ~~216.91~~  
  
\$ ~~111.93~~,    \$ ~~165.93~~

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Underground Construction Where Breaking and Replacing Pavement and/or Sidewalk is Not Required

175 Watt (Approximately 8,000 Lumens)  
Twin arm 175 Watt (Approximately 16,000 Lumens),  
maximum arm length 15' ... 180° mounting

Annual Facilities Charge Per Fixture

Metal Poles

\$ ~~122.62~~  
\$ ~~219.13~~

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(C) Series and/or Multiple High Pressure Sodium Street Lighting Rates.  
(Restricted to Lamps in use and/or on order as of December 31, 2018)

Overhead Construction

100 Watt (Approximately 8,000 Lumens)  
Twin arm 100 Watt (Approximately 16,000 Lumens),  
maximum arm length 15' ... 180° mounting  
150 Watt (Approximately 15,000 Lumens)  
200 Watt (Approximately 20,000 Lumens)  
Twin arm 200 Watt (Approximately 40,000 Lumens),  
maximum arm length 15' ... 180° mounting  
400 Watt (Approximately 45,000 Lumens)  
Twin arm 400 Watt (Approximately 90,000 Lumens)

Annual Facilities Charge Per Fixture

Wood Poles    Metal Poles

\$ ~~72.07~~,    \$ ~~120.66~~  
-    \$ ~~219.30~~  
  
\$ ~~70.70~~,    \$ ~~119.25~~  
\$ ~~122.22~~,    \$ ~~147.41~~  
-    \$ ~~256.96~~  
\$ ~~173.77~~,    \$ ~~227.72~~  
-    \$ ~~384.72~~

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Effective: Deleted: February 1, 2018

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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**RATE SL-1**  
**STREET LIGHTING SERVICE**  
(Continued)

Underground Construction Where Breaking and Replacing Pavement and/or sidewalk is Not Required

Annual Facilities Charge Per Fixture

Metal Poles

100 Watt (Approximately 8,000 Lumens)	\$ <del>131.46</del>
Twin arm 100 Watt (Approximately 16,000 Lumens), Maximum arm length 15' ... 180° mounting	\$ <del>236.71</del>
200 Watt (Approximately 20,000 Lumens) (where direct burial cable and imbedded type pole is used)	\$ <del>228.30</del>
Twin arm 200 Watt (Approximately 40,000 Lumens), Maximum arm length 15' ... 180° mounting (where direct burial cable and imbedded type poles is used)	\$ <del>341.86</del>
200 Watt (Approximately 20,000 Lumens), (where conduit and anchor base pole is used)	\$ <del>282.21</del>
400 Watt (Approximately 45,000 Lumens),	\$ <del>335.53</del>
Twin arm 400 Watt (Approximately 90,000 Lumens)	\$ <del>460.14</del>

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(D) Series and/or Light Emitting Diode (LED) Street Lighting Rates.

Overhead Construction

Annual Facilities Charge Per Fixture

Wood Poles    Metal Poles

60 Watt (Approximately 5,500 Lumens)	\$ <del>47.81</del>	\$ <del>96.40</del>
Twin arm 60 Watt (Approximately 11,000 Lumens) maximum arm length 15' ... 180° mounting	-	\$ <del>170.77</del>
130 Watt (Approximately 15,000 Lumens)	\$ <del>103.15</del>	\$ <del>128.34</del>
Twin arm 130 Watt (Approximately 30,000 Lumens), maximum arm length 15' ... 180° mounting	-	\$ <del>218.84</del>
210 Watt (Approximately 24,000 Lumens)	\$ <del>180.76</del>	\$ <del>234.71</del>
Twin arm 210 Watt (Approximately 48,000 Lumens)	-	\$ <del>398.70</del>

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Underground Construction Where Breaking and Replacing Pavement and/or sidewalk is Not Required

Annual Facilities Charge Per Fixture

Metal Poles

60 Watt (Approximately 5,500 Lumens)	\$ <del>107.20</del>
Twin arm 60 Watt (Approximately 11,000 Lumens), Maximum arm length 15' ... 180° mounting	\$ <del>188.19</del>
130 Watt (Approximately 15,000 Lumens) (where direct burial cable and imbedded type pole is used)	\$ <del>209.23</del>
Twin arm 130 Watt (Approximately 30,000 Lumens), Maximum arm length 15' ... 180° mounting (where direct burial cable and imbedded type poles is used)	\$ <del>303.74</del>
130 Watt (Approximately 15,000 Lumens), (where conduit and anchor base pole is used)	\$ <del>263.16</del>
210 Watt (Approximately 24,000 Lumens),	\$ <del>342.51</del>
Twin arm 210 Watt (Approximately 48,000 Lumens)	\$ <del>474.12</del>

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Effective:

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Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
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**RATE SL-2**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Post Top Lantern Type Luminaire)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but restricted to use in groups for street lighting, in approved areas. This Rate Schedule is applicable only for post-top luminaires equipped with 175 Watt mercury vapor lamps, 100 Watt high pressure sodium or 60 Watt LED lamps mounted on wood posts suitable for a mounting height of approximately 15 feet and supplied from underground conductor.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charges:**

(Payable in twelve (12) equal monthly payments)

Underground Construction

Annual Facilities Charge  
Per Fixture

175 Watt (Approximately 8,000 Lumens)  
Mercury Vapor Lamps – Wood Post  
(Restricted to Lamps in use as of October 6, 1983)

~~\$64.01~~

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100 Watt (Approximately 8,000 Lumens) High  
Pressure Sodium Lamp – Wood Post  
(Restricted to Lamps in use as of December 31, 2018)

~~\$73.04~~

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60 Watt (Approximately 5,500 Lumens)  
Light Emitting Diode (LED) Lamps – Wood Post

~~\$48.78~~

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This Rate Schedule is restricted to the installation at Company expense of not more than an average of 50 feet of underground feeder per luminaire. Under this Rate Schedule, Company will not be required at its expense to break and replace or to bore under pavement and/or sidewalk. Customer will pay to Company in advance of installation the estimated installed cost of all underground feeder in excess of an average of 50 feet per luminaire and the estimated cost of breaking, replacing, and for boring under pavement and/or sidewalk. The average length of underground feeder per luminaire shall be determined by dividing the total length of underground feeder installed by the number of luminaires installed pursuant to any one request order. \_\_\_\_\_ Effective: \_\_\_\_\_

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Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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**RATE SL-3**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Contemporary Spherical)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule is applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but is restricted to use in groups for street lighting, in approved areas. This Rate Schedule is available only for post-top luminaires equipped with high pressure sodium or LED lamps, on metal posts suitable for underground conductor.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charge:**

(Payable in twelve (12) equal monthly payments)

**Annual Facilities Charge**  
**Per Fixture**

**Underground Construction – Steel Post**

200 Watt high pressure sodium lamp enclosed in approximately  
28" diameter sphere mounted on 10' steel pole  
(Restricted to Lamps in use as of December 31, 2018)

~~\$204.94~~

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130 Watt Light Emitting Diode (LED) lamp enclosed in approximately  
28" diameter sphere mounted on 10' steel pole

~~\$185.88~~

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This Rate Schedule is restricted to installation at Company expense of not more than an average of 45' of underground feeder per unit. Under this Rate Schedule, Company will not be required at its expense to break and replace concrete or to bore under pavement and/or sidewalk. Customer will pay to Company in advance of installation the estimated cost of all underground feeder in excess of an average of 45' per unit and the estimated cost of breaking, replacing, and boring under pavement and/or sidewalk. The average length of the underground feeder per unit shall be determined by dividing the total length of underground feeder necessary for installation by the number of units installed pursuant to any one request order.

Effective:

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Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
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**RATE SL-5**  
**EXPRESSWAY LIGHTING SERVICE**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for expressway lighting service by Company to any Customer which is a Municipal Corporation.

This Rate Schedule is available only for luminaries equipped with mercury vapor, high pressure sodium or LED lamps, on metal poles of extra height suitable for underground conductor.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system including poles, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. This service limited to luminaire and poles as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charge:**

(Payable in twelve (12) equal monthly payments)

(A) Mercury Vapor Street Lighting Rates Limited to Lamps In Use and/or On Order as of December 31, 1981.

<u>Underground Construction – Metal Pole</u>	<u>Annual Facilities Charge</u>
	<u>Per Fixture</u>

1,000 Watt mercury vapor lamp and fixture with an approximate 40 foot mounting height (Frangible Construction)	\$ <u>415.71</u>
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1,000 Watt mercury vapor lamp and fixture with an approximate 40 foot mounting height (Non-Frangible Construction)	\$ <u>394.14</u>
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(B) High Pressure Sodium Street Lighting Rates  
(Restricted to Lamps in use as of December 31, 2018)

<u>Underground Construction – Metal Poles</u>	
400 Watt high pressure sodium lamp and fixture with an approximate 40 foot mounting height (Frangible Construction)	\$ <u>478.41</u>

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Effective: Deleted: February 1, 2018

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
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**RATE SL-5**  
**EXPRESSWAY LIGHTING SERVICE**  
(Continued)

Twin 400 Watt high pressure sodium lamps and fixtures with an approximate 40 foot mounting height (Frangible Construction)

\$~~646.95~~

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400 Watt high pressure sodium lamp and fixture with an approximate 40 foot mounting height (Non-Frangible Construction)

\$~~456.85~~

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(C) Light Emitting Diode (LED) Street Lighting Rates

Underground Construction – Metal Poles

210 Watt LED lamp and fixture with an approximate 40 foot mounting height (Frangible Construction)

\$~~485.39~~

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Twin 210 Watt LED lamps and fixtures with an approximate 40 foot mounting height (Frangible Construction)

\$~~660.92~~

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210 Watt LED lamp and fixture with an approximate 40 foot mounting height (Non-Frangible Construction)

\$~~463.84~~

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This Rate Schedule is restricted to installation at Company expense of not more than an average of 175 feet of underground feeder per unit. Under this Rate Schedule, Company will not be required at its expense to break and replace concrete or to bore under pavement and/or sidewalk. Customer will pay to Company in advance of installation the estimated cost of all underground feeder in excess of an average of 175 feet per unit and the estimated cost of breaking, replacing, and boring under pavement and/or sidewalk. The average length of the underground feeder per unit shall be determined by dividing the total length of underground feeder necessary for installation by the number of units installed pursuant to any one request order.

**Fuel Charge:**

\$0.03889 per kWh per month determined based on Hours of Use

**Variable Production Charge:**

\$0.00475 per kWh per month determined based on Hours of Use

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the sum of one-twelfth of the applicable Annual Facilities Charges for all Street Lights installed for Customer.

**Adjustments:**

The following Adjustments shall be applied monthly to kWh determined based on Hours of Use:

- Appendix A – Fuel Adjustment Clause
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

Effective:

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Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

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**RATE SL-7**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Turn of the Century)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but restricted to use in groups for street lighting, in specified areas that are approved by Company. This Rate Schedule is available only for post-top luminaires equipped with mercury vapor lamps, high pressure sodium or LED lamps, on metal posts suitable for underground conductor in which Customer has made a contribution in aid of construction in the amount of the material cost of the posts and fixtures.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, luminaires, wiring, and all other appurtenances to supply service hereunder, except Customer will furnish and install the anchor bases, grounding systems, conduits and handholds as specified by Company. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, and repair and maintain all equipment unless otherwise agreed to by the parties.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charge:**  
(Payable in twelve (12) equal monthly payments)

<u>Underground Construction – Metal Post</u>	<u>Annual Facilities Charge Per Fixture</u>
100 Watt high pressure sodium lamp post top fixture on 12.5' steel post with cast iron ornamental top and base (Restricted to Lamps in use as of December 31, 2018)	<del>\$177.53</del>
60 Watt Light Emitting Diode (LED) lamp post top fixture on 16' steel post with aluminum ornamental top and base	<del>\$153.27</del>

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Effective: Deleted: February 1, 2018

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren South)  
Tariff for Electric Service  
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**RATE SL-8**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Post Top Lighting Service)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but restricted to use in groups for street lighting, in specified areas that are approved by Company. This Rate Schedule is available only for post-top luminaires equipped with high pressure sodium or LED lamps, on fiberglass posts suitable for underground conductor in which Customer has made a contribution in aid of construction in an amount that will limit the installed cost to Company to the amount included in the rate (\$400).

Customers other than a Municipal Corporation may be required to provide evidence of creditworthiness suitable to Company.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, luminaires, wiring, and all other appurtenances to supply service hereunder. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, and repair and maintain all equipment unless otherwise agreed to by the parties.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charges:**

(Payable in twelve (12) equal monthly payments)

Underground Construction with Fiberglass Poles  
100 Watt high pressure sodium (8,000 lumen)  
(Restricted to Lamps in use as of December 31, 2018)

Annual Facilities Charge  
Per Fixture

~~\$88.87~~

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60 Watt Light Emitting Diode (LED) (5,500 lumen)

~~\$64.61~~

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**Fuel Charge:**

\$0.03889 per kWh per month determined based on Hours of Use

**Variable Production Charge:**

\$0.00475 per kWh per month determined based on Hours of Use

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the sum of one-twelfth of the applicable Annual Facilities Charges for all Street Lights installed for Customer.

Effective: Deleted: February 1, 2018

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**RATE OL**  
**OUTDOOR LIGHTING SERVICE (DUSK TO DAWN)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for outdoor lighting to any Customer including Community Organizations or Real Estate Developers.

**CHARACTER OF SERVICE**

Service hereunder shall be dusk-to-dawn lighting service using a mercury lamp or a high pressure sodium lamp with photo-electric control. Lights installed in Municipal Corporations must be located on or extend over the property of Customer.

**RATES AND CHARGES**

**Monthly Facilities Charge:**

For each lamp with luminaire and bracket (not over four (4) feet in length) including one span of secondary conductors and/or service drop, mounted on a suitable existing pole, and served from Company's secondary distribution system.

**MERCURY VAPOR**

(Limited to lamps in use or on order as of December 31, 1981)

175 Watt (approximately 7,000 lumen) lamp - \$ ~~4.54~~ per lamp per month

400 Watt (approximately 20,000 lumen) lamp - \$ ~~5.57~~ per lamp per month

400 Watt (approximately 20,000 lumen) lamp - Directional Luminaire -  
\$ ~~6.99~~ per lamp per month

1,000 Watt (approximately 50,000 lumen) lamp - Directional Luminaire -  
\$ ~~9.85~~ per lamp per month

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**HIGH PRESSURE SODIUM**

100 Watt (approximately 8,000 lumen) lamp - \$ ~~5.15~~ per lamp per month

100 Watt (approximately 8,000 lumen) lamp - Directional Luminaire -

\$ ~~5.54~~ per lamp per month

200 Watt (approximately 20,000 lumen) lamp - \$ ~~7.20~~ per lamp per month

200 Watt (approximately 20,000 lumen) lamp - Directional Luminaire -

\$ ~~8.62~~ per lamp per month

400 Watt (approximately 45,000 lumen) lamp - Directional Luminaire -

\$ ~~14.74~~ per lamp per month

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When other new facilities are installed by Company, Customer will in addition to the above Monthly Facilities Charge, pay in advance of installation, the cost for the new overhead facilities extending from the nearest or most suitable pole of Company to the point designated by Customer for the installation of said lamp. Company, at its option, may permit Customer to pay for such additional facilities in equal monthly installments extending over a period not to exceed twelve (12) months.

Effective: Deleted: May 3, 2011

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## **RATE S** **EMERGENCY NOTIFICATION SIREN SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any emergency notification siren located in the service area of Company that does not receive service through a meter.

### **RATES AND CHARGES**

The Monthly Charge for this service shall be \$15.83.

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### **PAYMENT**

Bills are payable monthly on or before the fifteenth day of the month following the calendar month during which service was supplied.

### **CONTRACT**

Service under this Rate Schedule requires a written contract for a term of not less than one (1) year.

### **TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions Applicable to Electric Service.

Effective:

Deleted: May 3, 2011

## **RATE RS** **RESIDENTIAL SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to all Residential Customers. Customers shall be classified for billing purposes as either Standard or Transitional. A Transitional Customer shall be any Residential Customer who receives service at a Transitional Premises. A Transitional Premises is any Residential Premises which permanently and exclusively uses electric equipment for space heating, takes all service through one meter and which either received service under the former Rate EH as of May 3, 2011 or which is attached to Company's distribution system on or before May 3, 2012. Standard Customers are all other Residential Customers.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Single Phase, three-wire 120/240 or 120/208 nominal volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

**Customer Facilities Charge:**

\$11.00 per month

**Energy Charge:**

**Standard Customers**

\$0.09160 per kWh for all kWh used per month

**Transitional Customers**

\$0.07177 per kWh for the first 1,000 kWh used per month

\$0.04937 per kWh for all over 1,000 kWh used during the months of June through September

\$0.03654 per kWh for all over 1,000 kWh used during the months of October through May

**Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

**Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

Effective:

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## **RATE B** **WATER HEATING SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to Customers electing service hereunder for separately metered service used for water heating, subject to the conditions set forth below. This Rate Schedule is closed to new Customers.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Single Phase, three-wire 120/240 or 120/208 nominal volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The monthly Rate and Charges for service hereunder shall be:

**Customer Facilities Charge:**

\$ 5.00 per month

**Energy Charge:**

\$0.04688 per kWh for all kWh used per month

**Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

**Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge.

**Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Riders:**

The following Rider is available to qualified Customers:

- Rider DLC – Direct Load Control Rider

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

Effective:

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## **RATE SGS** **SMALL GENERAL SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer with a Prior Year Maximum Demand or, if new Customer, an estimated Maximum Demand, of 10kW, or less electing service hereunder. Company shall determine Customer's estimated Maximum Demand by review of the connected load or other suitable means.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Single Phase, three-wire 120/240 or 120/208 nominal volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

\$11.00 per month

#### **Energy Charge:**

\$0.08811 per kWh for the first 1,000 kWh used per month

\$0.06686 per kWh for the next 1,000 kWh used per month

\$0.03687 per kWh for all over 2,000 kWh used per month

#### **Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge.

#### **Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

#### **Riders:**

The following Riders are available to qualified Customers:

- Rider NM – Net Metering Rider
- Rider DLC – Direct Load Control Rider

Effective:

Southern Indiana Gas and Electric Company D/B/A  
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**RATE SGS**  
**SMALL GENERAL SERVICE**  
(Continued)

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions and the Commission's Regulations.

Effective:

## **RATE DGS** **DEMAND GENERAL SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer with a Prior Year Maximum Demand of more than 10kW for light and/or power requirements supplied through one light meter and/or one power meter, or at the option of Company, through a single meter for lighting and power, who elects service hereunder. Customer shall be classified for billing purposes based on Prior Year Maximum Demand as follows:

- DGS-1 – Up to and including 70 kW
- DGS-2 – Over 70 kW and up to and including 300 kW
- DGS-3 – Over 300 kW

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, single or three phase, nominal voltages 120/240, 120/208, 240, 277/480, 480 volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

- DGS-1 - \$15.00 per month
- DGS-2 - \$35.00 per month
- DGS-3 - \$75.00 per month

#### **Demand Charge:**

The monthly charge for the first 10 kW of Billing Demand is included in the Energy Charge.

\$5.187 per kW per Month for all kW of Billing Demand in excess of 10 kW

#### **Energy Charge:**

- \$0.07561 per kWh for the first 1,000 kWh used per month
- \$0.05415 per kWh for the next 14,000 kWh used per month \*
- \$0.02518 per kWh for all over 15,000 kWh used per month

\*For Billing Demand in excess of 10 kW add 300 kWh per kW of such excess to this rate usage step.

#### **Fuel Charge:**

\$0.03887 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00474 per kWh for all kWh used per month

Effective:

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**RATE DGS**  
**DEMAND GENERAL SERVICE**

(Continued)

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Demand Charge.

**Transformer Ownership Discount:**

Customers with a Maximum Demand of 100 kW or greater and receiving service at Company's available Primary Voltage may own, operate and maintain all transformer facilities. A discount of forty-five and one-tenth cents (\$0.451) for each kW of Billing Demand will apply to such customers.

**Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Riders:**

The following Riders are available to qualified Customers:

- Rider IP-2 – Interruptible Power Service
- Rider NM – Net Metering Rider
- Rider DLC – Direct Load Control Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed Service Rider
- Rider ED – Economic Development Rider
- Rider AD – Area Development Rider
- Rider TS – Temporary Service Rider
- Rider DR – MISO Demand Response

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

**DETERMINATION OF BILLING DEMAND**

The Billing Demand for the current month shall be the Maximum Demand, but not less than 60% of the highest Maximum Demand for the Prior Year.

**SEPARATE METERING**

When the lighting and power demands are metered separately, the Maximum Demand of the Month shall be the arithmetical sum of the Maximum Demand of each meter. The energy use of the lighting and power meters shall also be added.

Effective:

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**RATE DGS**  
**DEMAND GENERAL SERVICE**  
(Continued)

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions and the Commission's Regulations.

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## **RATE OSS** **OFF-SEASON SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer with a Prior Year Maximum Demand of more than 10kW whose service address is an Eligible Premises. An Eligible Premises is one which permanently and exclusively uses electric equipment for space heating, takes all service through one meter, and which received service under Rate OSS on or before May 3, 2011 and who elects service hereunder.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, single or Three Phase, nominal voltages 120/240, 120/208, 240, 277/480, 480 volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The Monthly Rates and Charges for service hereunder shall be:

**Customer Facilities Charge:**

\$15.00 per month

**Demand Charge:**

\$4.744 per kW per month for all kW of Billing Demand.

**Energy Charge:**

\$0.04385 per kWh for all kWh used per month.

**Fuel Charge:**

\$0.03889 per kWh for all kWh used per month

**Variable Production Charge:**

\$0.00475 per kWh for all kWh used per month

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Demand Charge.

**Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

Effective:

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## **RATE LP** **LARGE POWER SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer receiving Electric Service at Primary or Transmission Voltage and having a Prior Year Maximum Demand of 300 kVa or greater, electing service hereunder. Transmission Voltage service, where available, shall be at 69kV or higher, at the option of Company.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Three Phase, nominal voltages, 4160/2400, 12470/7200, 69000, 138000 volts or any other mutually agreed upon voltages. Customer shall furnish and maintain all necessary transforming, controlling and protective equipment. Service will be metered at the Primary or Transmission Voltage supplied.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

**Customer Facilities Charge:**

\$150.00 per Month

**Demand Charge:**

\$9.310 per kVa per month for all kVa of Billing Demand.

**Transmission Voltage Discount** (for delivery at 69 kV or higher):

\$2.342 per kVa per month for all kVa of Billing Demand.

**Energy Charge:**

\$0.01947 per kWh for all kWh used per month

**Fuel Charge:**

\$0.03770 per kWh for all kWh used per month

**Variable Production Charge:**

\$0.00460 per kWh for all kWh used per month

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Minimum Demand Charge.

The Minimum Demand Charge shall be calculated as the Demand Charge per kVa multiplied by 60% of the highest Billing Demand for the Prior Year (but not less than 300 kVa).

Effective:

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**RATE LP**  
**LARGE POWER SERVICE**  
(Continued)

**Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Riders:**

The following Riders are available to qualified Customers:

- Rider IP-2 – Interruptible Power Service
- Rider DLC – Direct Load Control Rider
- Rider IC – Interruptible Contract Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed Service Rider
- Rider ED – Economic Development Rider
- Rider AD – Area Development Rider
- Rider DR – MISO Demand Response

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

**DETERMINATION OF BILLING DEMAND**

Unless otherwise specified in the Contract, the Billing Demand for the current month shall be the Maximum Demand, but not less than 60% of the highest Maximum Demand for the Prior Year and in no event less than 300 kVa.

Off-peak demands which will be disregarded in determining the Billing Demand shall be those demands created on Saturdays, Sundays, and holidays designated by Company and between 8:00 P.M. and 7:00 A.M. on any other day, provided that the Billing Demand for the month shall never be less than 50% of the Maximum Demand during such month regardless of when such Maximum Demand occurred.

Company reserves the right, upon thirty days notice to Customer, to change the off-peak demand periods when peak load conditions on Company's system make such modification necessary. Company shall not be required to increase the capacity of any service facilities in order to furnish off-peak demands.

**CONTRACT**

For service hereunder, a written Contract is required for an initial term of not less than three (3) years or for a longer period where unusual expenditures by Company may be necessary to provide service, and such Contract shall continue for annual successive terms unless cancelled. The Contract may be cancelled by either party by providing written notice to the other party not less than one (1) year prior to the date of termination.

Effective:

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**RATE LP**  
**LARGE POWER SERVICE**  
(Continued)

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions and the Commission's Regulations.

Effective:

## **RATE HLF** **HIGH LOAD FACTOR SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion. This service is available only from facilities operating at Transmission Voltage.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Non-Residential Customer supplied at a single point of delivery with a Contract Demand of not less than 4,500 kVa electing service hereunder.

This Rate Schedule is not applicable to Customer where 1) an alternate source of power is used, 2) for resale to others, or 3) as a supplement to service furnished under any other Rate Schedule.

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, Three Phase, nominal voltages 69,000, 138,000 volts or any other mutually agreed upon voltages. Customer shall furnish and maintain all necessary transforming, controlling and protective equipment.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

#### **Demand Charge:**

\$19.482 per kVa per month for all kVa of Billing Demand

#### **Fuel Charge:**

\$0.03644 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00445 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Demand Charge, but not less than \$93,276.00 per month.

#### **Adjustments:**

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix I – MISO Cost and Revenue Adjustment
- Appendix J – Reliability Cost and Revenue Adjustment
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

Effective:

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**RATE BAMP**  
**BACKUP, AUXILIARY AND**  
**MAINTENANCE POWER SERVICES**

(Continued)

**Maintenance Power Service** is capacity and energy provided by Company to replace capacity and energy normally generated by Customer's generating equipment during a scheduled outage of such equipment. Maintenance Power will only be available by schedule as agreed to by Company a minimum of 14 days in advance.

All Power Services supplied hereunder shall be provided only to the extent of the available capacity of Company's electric facilities and of its supply lines, at such frequency, phase, regulation and voltage as it has available at the location of service. Customer must provide protective and regulation equipment satisfactory to Company to interconnect and/or operate its electric generation facilities in parallel with Company's system.

**RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

**Customer Facilities Charge:** \$100.00 per month

**Capacity Charge:**

**Backup Power  
-firm**

\$5.502 plus 120% of the capacity component in the current Rate CSP, per kVa of Rated Capacity.

**-non-firm**

\$5.502 per kVa of Rated Capacity, plus \$2.98 per kVa of Billing Demand.

**Auxiliary Power**

The Capacity Charge of Customer's applicable Rate Schedule, per kVa of Billing Demand

**Maintenance Power**

The applicable Demand Charge per kVa currently in effect for Rate LP, exclusive of any minimums.

**Transmission Voltage Discount**  
(for delivery at 69kV or higher)

\$2.34 per kVa of Billing Demand or Rated Capacity.

**Energy Charges:**

**All kWh used (Backup)**

100% of Company's hourly incremental energy costs, per kWh, inclusive of any variable production charges.

**All kWh used (Auxiliary and  
Maintenance)**

The Energy Charge and Variable Production Charge and the Fuel Cost Adjustment in Appendix A of Customer's applicable Rate Schedule.

**Fuel Charge:**

Customer shall be subject to Fuel Charge as specified in Customer's applicable Rate Schedule.  
Effective:

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## **RATE MLA** **MUNICIPAL LEVEE AUTHORITY SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable to any Municipal Levee Authority Customer with a Maximum Demand of more than 200kW for light and/or power requirements supplied through one light meter and/or one power meter, or at the option of Company, through a single meter for lighting and power, which elects service hereunder. Customers shall be classified for billing purposes based on Monthly Contract Demand as follows:

- MLA-2 – Up to and including 300 kW
- MLA-3 – Over 300 kW

### **CHARACTER OF SERVICE**

Service provided hereunder shall be alternating current, sixty hertz, three phase, nominal voltages 120/240, 120/208, 240, 277/480, 480 volts, or any other mutually agreed upon voltages.

### **RATES AND CHARGES**

The monthly Rates and Charges for service hereunder shall be:

#### **Customer Facilities Charge:**

- MLA-2 - \$35.00 per month
- MLA-3 - \$75.00 per month

#### **Demand Charge:**

The monthly charge for the first 10 kW of Billing Demand is included in the Energy Charge below.

\$5.187 per kW per Month for all kW of Billing Demand in excess of 10 kW

#### **Energy Charge:**

- \$0.07561 per kWh for the first 1,000 kWh used per month
- \$0.05415 per kWh for the next 14,000 kWh used per month \*
- \$0.02518 per kWh for all over 15,000 kWh used per month

\*For Billing Demand in excess of 10 kW add 300 kWh per kW of such excess to this rate usage step.

#### **Fuel Charge:**

\$0.03887 per kWh for all kWh used per month

#### **Variable Production Charge:**

\$0.00474 per kWh for all kWh used per month

#### **Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the Customer Facilities Charge plus the Demand Charge..

Effective:

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## **RATE SL-1** **STREET LIGHTING SERVICE**

### **AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### **APPLICABILITY**

This Rate Schedule shall be applicable for standard street and highway lighting service to any Customer which is a Municipal Corporation.

### **CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including poles, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. All equipment shall be of standard design and construction as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment. Company reserves the right to furnish such service from either series or multiple circuits, or both.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

### **RATES AND CHARGES**

#### **Annual Facilities Charges:**

(Payable in twelve (12) equal monthly payments)

(A) Series and/or Multiple Incandescent Lamp Street Lighting Rates limited to Lamps in use and/or on Order as of August 1, 1968.

<u>Overhead Construction – Wood Poles</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Radial Wave Reflectors</u>	<u>Enclosing Globe</u>
2500 Lumen	\$ 16.12	\$ 20.57
6000 Lumen		\$ 24.30

Effective:

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**RATE SL-1**  
**STREET LIGHTING SERVICE**  
(Continued)

(B) Series and/or Multiple Mercury Vapor Lamp Street Lighting Rates Limited to Lamps in Use and/or on order as of December 31, 1980.

<u>Overhead Construction</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Wood Poles</u>	<u>Metal Poles</u>
175 Watt (Approximately 8,000 Lumens)	\$ 63.06	\$ 111.60
Twin arm 175 Watt (Approximately 16,000 Lumens), maximum arm length 15' ... 180° mounting	-	\$ 201.49
250 Watt (Approximately 11,000 Lumens)	\$ 86.64	\$129.82
400 Watt (Approximately 20,000 Lumens)	\$100.91	\$121.27
Twin arm 400 Watt (Approximately 40,000 Lumens), maximum arm length 15' ... 180° mounting	-	\$216.91
1000 Watt (Approximately 54,000 Lumens)	\$111.93	\$165.93

<u>Underground Construction Where Breaking and Replacing Pavement and/or Sidewalk is Not Required</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Metal Poles</u>	
175 Watt (Approximately 8,000 Lumens)	\$122.62	
Twin arm 175 Watt (Approximately 16,000 Lumens), maximum arm length 15' ... 180° mounting	\$219.13	

(C) Series and/or Multiple High Pressure Sodium Street Lighting Rates.  
(Restricted to Lamps in use and/or on order as of December 31, 2018)

<u>Overhead Construction</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Wood Poles</u>	<u>Metal Poles</u>
100 Watt (Approximately 8,000 Lumens)	\$72.07	\$120.66
Twin arm 100 Watt (Approximately 16,000 Lumens) maximum arm length 15' ... 180° mounting	-	\$219.30
150 Watt (Approximately 15,000 Lumens)	\$70.70	\$119.25
200 Watt (Approximately 20,000 Lumens)	\$122.22	\$147.41
Twin arm 200 Watt (Approximately 40,000 Lumens), maximum arm length 15' ... 180° mounting	-	\$256.96
400 Watt (Approximately 45,000 Lumens)	\$173.77	\$227.72
Twin arm 400 Watt (Approximately 90,000 Lumens)	-	\$384.72

Effective:

Southern Indiana Gas and Electric Company D/B/A  
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**RATE SL-1**  
**STREET LIGHTING SERVICE**  
(Continued)

<u>Underground Construction Where Breaking and Replacing Pavement and/or sidewalk is Not Required</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Metal Poles</u>	
100 Watt (Approximately 8,000 Lumens)	\$	131.46
Twin arm 100 Watt (Approximately 16,000 Lumens), Maximum arm length 15' ... 180° mounting	\$	236.71
200 Watt (Approximately 20,000 Lumens) (where direct burial cable and imbedded type pole is used)	\$	228.30
Twin arm 200 Watt (Approximately 40,000 Lumens), Maximum arm length 15' ... 180° mounting (where direct burial cable and imbedded type poles is used)	\$	341.86
200 Watt (Approximately 20,000 Lumens), (where conduit and anchor base pole is used)	\$	282.21
400 Watt (Approximately 45,000 Lumens),	\$	335.53
Twin arm 400 Watt (Approximately 90,000 Lumens)	\$	460.14

(D) Series and/or Light Emitting Diode (LED) Street Lighting Rates.

<u>Overhead Construction</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Wood Poles</u>	<u>Metal Poles</u>
60 Watt (Approximately 5,500 Lumens)	\$47.81	\$96.40
Twin arm 60 Watt (Approximately 11,000 Lumens) maximum arm length 15' ... 180° mounting	-	\$170.77
130 Watt (Approximately 15,000 Lumens)	\$103.15	\$128.34
Twin arm 130 Watt (Approximately 30,000 Lumens), maximum arm length 15' ... 180° mounting	-	\$218.84
210 Watt (Approximately 24,000 Lumens)	\$180.76	\$234.71
Twin arm 210 Watt (Approximately 48,000 Lumens)	-	\$398.70

<u>Underground Construction Where Breaking and Replacing Pavement and/or sidewalk is Not Required</u>	<u>Annual Facilities Charge Per Fixture</u>	
	<u>Metal Poles</u>	
60 Watt (Approximately 5,500 Lumens)	\$	107.20
Twin arm 60 Watt (Approximately 11,000 Lumens), Maximum arm length 15' ... 180° mounting	\$	188.19
130 Watt (Approximately 15,000 Lumens) (where direct burial cable and imbedded type pole is used)	\$	209.23
Twin arm 130 Watt (Approximately 30,000 Lumens), Maximum arm length 15' ... 180° mounting (where direct burial cable and imbedded type poles is used)	\$	303.74
130 Watt (Approximately 15,000 Lumens), (where conduit and anchor base pole is used)	\$	263.16
210 Watt (Approximately 24,000 Lumens),	\$	342.51
Twin arm 210 Watt (Approximately 48,000 Lumens)	\$	474.12

Effective:

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**RATE SL-2**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Post Top Lantern Type Luminaire)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but restricted to use in groups for street lighting, in approved areas. This Rate Schedule is applicable only for post-top luminaires equipped with 175 Watt mercury vapor lamps, 100 Watt high pressure sodium or 60 Watt LED lamps mounted on wood posts suitable for a mounting height of approximately 15 feet and supplied from underground conductor.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charges:**

(Payable in twelve (12) equal monthly payments)

<u>Underground Construction</u>	<u>Annual Facilities Charge</u> <u>Per Fixture</u>
175 Watt (Approximately 8,000 Lumens) Mercury Vapor Lamps – Wood Post (Restricted to Lamps in use as of October 6, 1983)	\$64.01
100 Watt (Approximately 8,000 Lumens) High Pressure Sodium Lamp – Wood Post (Restricted to Lamps in use as of December 31, 2018)	\$73.04
60 Watt (Approximately 5,500 Lumens) Light Emitting Diode (LED) Lamps – Wood Post	\$48.78

This Rate Schedule is restricted to the installation at Company expense of not more than an average of 50 feet of underground feeder per luminaire. Under this Rate Schedule, Company will not be required at its expense to break and replace or to bore under pavement and/or sidewalk. Customer will pay to Company in advance of installation the estimated installed cost of all underground feeder in excess of an average of 50 feet per luminaire and the estimated cost of breaking, replacing, and for boring under pavement and/or sidewalk. The average length of underground feeder per luminaire shall be determined by dividing the total length of underground feeder installed by the number of luminaires installed pursuant to any one request order.

Effective:

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**RATE SL-3**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Contemporary Spherical)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule is applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but is restricted to use in groups for street lighting, in approved areas. This Rate Schedule is available only for post-top luminaires equipped with high pressure sodium or LED lamps, on metal posts suitable for underground conductor.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charge:**

(Payable in twelve (12) equal monthly payments)

	<u>Annual Facilities Charge</u> <u>Per Fixture</u>
<u>Underground Construction – Steel Post</u> 200 Watt high pressure sodium lamp enclosed in approximately 28" diameter sphere mounted on 10' steel pole (Restricted to Lamps in use as of December 31, 2018)	\$204.94
130 Watt Light Emitting Diode (LED) lamp enclosed in approximately 28" diameter sphere mounted on 10' steel pole	\$185.88

This Rate Schedule is restricted to installation at Company expense of not more than an average of 45' of underground feeder per unit. Under this Rate Schedule, Company will not be required at its expense to break and replace concrete or to bore under pavement and/or sidewalk. Customer will pay to Company in advance of installation the estimated cost of all underground feeder in excess of an average of 45' per unit and the estimated cost of breaking, replacing, and boring under pavement and/or sidewalk. The average length of the underground feeder per unit shall be determined by dividing the total length of underground feeder necessary for installation by the number of units installed pursuant to any one request order.

Effective:

**RATE SL-5**  
**EXPRESSWAY LIGHTING SERVICE**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for expressway lighting service by Company to any Customer which is a Municipal Corporation.

This Rate Schedule is available only for luminaries equipped with mercury vapor, high pressure sodium or LED lamps, on metal poles of extra height suitable for underground conductor.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system including poles, fixtures, street lighting circuits, transformers, luminaires and all appurtenances necessary to supply service hereunder. This service limited to luminaire and poles as approved by Company. Company will supply electric energy, replace lamps, repair and maintain all equipment.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charge:**

(Payable in twelve (12) equal monthly payments)

(A) Mercury Vapor Street Lighting Rates Limited to Lamps In Use and/or On Order as of December 31, 1981.

<u>Underground Construction – Metal Pole</u>	<u>Annual Facilities Charge</u> <u>Per Fixture</u>
1,000 Watt mercury vapor lamp and fixture with an approximate 40 foot mounting height (Frangible Construction)	\$415.71
1,000 Watt mercury vapor lamp and fixture with an approximate 40 foot mounting height (Non-Frangible Construction)	\$394.14

(B) High Pressure Sodium Street Lighting Rates  
(Restricted to Lamps in use as of December 31, 2018)

<u>Underground Construction – Metal Poles</u>	
400 Watt high pressure sodium lamp and fixture with an approximate 40 foot mounting height (Frangible Construction)	\$478.41

Effective:

**RATE SL-5**  
**EXPRESSWAY LIGHTING SERVICE**  
(Continued)

Twin 400 Watt high pressure sodium lamps and fixtures with an approximate 40 foot mounting height (Frangible Construction) \$646.95

400 Watt high pressure sodium lamp and fixture with an approximate 40 foot mounting height (Non-Frangible Construction) \$456.85

(C) Light Emitting Diode (LED) Street Lighting Rates

Underground Construction – Metal Poles

210 Watt LED lamp and fixture with an approximate 40 foot mounting height (Frangible Construction) \$485.39

Twin 210 Watt LED lamps and fixtures with an approximate 40 foot mounting height (Frangible Construction) \$660.92

210 Watt LED lamp and fixture with an approximate 40 foot mounting height (Non-Frangible Construction) \$463.84

This Rate Schedule is restricted to installation at Company expense of not more than an average of 175 feet of underground feeder per unit. Under this Rate Schedule, Company will not be required at its expense to break and replace concrete or to bore under pavement and/or sidewalk. Customer will pay to Company in advance of installation the estimated cost of all underground feeder in excess of an average of 175 feet per unit and the estimated cost of breaking, replacing, and boring under pavement and/or sidewalk. The average length of the underground feeder per unit shall be determined by dividing the total length of underground feeder necessary for installation by the number of units installed pursuant to any one request order.

**Fuel Charge:**

\$0.03889 per kWh per month determined based on Hours of Use

**Variable Production Charge:**

\$0.00475 per kWh per month determined based on Hours of Use

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the sum of one-twelfth of the applicable Annual Facilities Charges for all Street Lights installed for Customer.

**Adjustments:**

The following Adjustments shall be applied monthly to kWh determined based on Hours of Use:

- Appendix A – Fuel Adjustment Clause
- Appendix K – Transmission, Distribution, and Storage System Improvement Charge

**Other Charges:**

The Other Charges set forth in Appendix D shall be charged to Customer, if applicable.

Effective:

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**RATE SL-7**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Turn of the Century)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but restricted to use in groups for street lighting, in specified areas that are approved by Company. This Rate Schedule is available only for post-top luminaires equipped with mercury vapor lamps, high pressure sodium or LED lamps, on metal posts suitable for underground conductor in which Customer has made a contribution in aid of construction in the amount of the material cost of the posts and fixtures.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, luminaires, wiring, and all other appurtenances to supply service hereunder, except Customer will furnish and install the anchor bases, grounding systems, conduits and handholds as specified by Company. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, and repair and maintain all equipment unless otherwise agreed to by the parties.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charge:**

(Payable in twelve (12) equal monthly payments)

<u>Underground Construction – Metal Post</u>	<u>Annual Facilities Charge</u> <u>Per Fixture</u>
100 Watt high pressure sodium lamp post top fixture on 12.5' steel post with cast iron ornamental top and base (Restricted to Lamps in use as of December 31, 2018)	\$177.53
60 Watt Light Emitting Diode (LED) lamp post top fixture on 16' steel post with aluminum ornamental top and base	\$153.27

Effective:

**RATE SL-8**  
**ORNAMENTAL STREET LIGHTING SERVICE**  
**(Post Top Lighting Service)**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable for ornamental street lighting service by Company to any Customer which is a Municipal Corporation, but restricted to use in groups for street lighting, in specified areas that are approved by Company. This Rate Schedule is available only for post-top luminaires equipped with high pressure sodium or LED lamps, on fiberglass posts suitable for underground conductor in which Customer has made a contribution in aid of construction in an amount that will limit the installed cost to Company to the amount included in the rate (\$400).

Customers other than a Municipal Corporation may be required to provide evidence of creditworthiness suitable to Company.

**CHARACTER OF SERVICE**

Company will furnish, install, own and operate all equipment comprising the street lighting system, including posts, luminaires, wiring, and all other appurtenances to supply service hereunder. This service is limited to luminaire and post as approved by Company. Company will supply electric energy, replace lamps, and repair and maintain all equipment unless otherwise agreed to by the parties.

Service rendered hereunder is predicated upon the execution by Customer of a suitable agreement specifying the terms and conditions under which street lighting service will be provided by Company.

**RATES AND CHARGES**

**Annual Facilities Charges:**

(Payable in twelve (12) equal monthly payments)

<u>Underground Construction with Fiberglass Poles</u>	<u>Annual Facilities Charge</u>
	<u>Per Fixture</u>
100 Watt high pressure sodium (8,000 lumen) (Restricted to Lamps in use as of December 31, 2018)	\$88.87
60 Watt Light Emitting Diode (LED) (5,500 lumen)	\$64.61

**Fuel Charge:**

\$0.03889 per kWh per month determined based on Hours of Use

**Variable Production Charge:**

\$0.00475 per kWh per month determined based on Hours of Use

**Minimum Monthly Charge:**

The Minimum Monthly Charge shall be the sum of one-twelfth of the applicable Annual Facilities Charges for all Street Lights installed for Customer.

Effective:

## RATE OF OUTDOOR LIGHTING SERVICE (DUSK TO DAWN)

### AVAILABILITY

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

### APPLICABILITY

This Rate Schedule shall be applicable for outdoor lighting to any Customer including Community Organizations or Real Estate Developers.

### CHARACTER OF SERVICE

Service hereunder shall be dusk-to-dawn lighting service using a mercury lamp or a high pressure sodium lamp with photo-electric control. Lights installed in Municipal Corporations must be located on or extend over the property of Customer.

### RATES AND CHARGES

#### **Monthly Facilities Charge:**

For each lamp with luminaire and bracket (not over four (4) feet in length) including one span of secondary conductors and/or service drop, mounted on a suitable existing pole, and served from Company's secondary distribution system.

#### MERCURY VAPOR

(Limited to lamps in use or on order as of December 31, 1981)

175 Watt (approximately 7,000 lumen) lamp	–	\$ 4.54 per lamp per month
400 Watt (approximately 20,000 lumen) lamp	–	\$ 5.57 per lamp per month
400 Watt (approximately 20,000 lumen) lamp	–	Directional Luminaire – \$ 6.99 per lamp per month
1,000 Watt (approximately 50,000 lumen) lamp	–	Directional Luminaire – \$9.85 per lamp per month

#### HIGH PRESSURE SODIUM

100 Watt (approximately 8,000 lumen) lamp	–	\$ 5.15 per lamp per month
100 Watt (approximately 8,000 lumen) lamp	–	Directional Luminaire – \$ 5.54 per lamp per month
200 Watt (approximately 20,000 lumen) lamp	–	\$ 7.20 per lamp per month
200 Watt (approximately 20,000 lumen) lamp	–	Directional Luminaire – \$ 8.62 per lamp per month
400 Watt (approximately 45,000 lumen) lamp	–	Directional Luminaire – \$14.74 per lamp per month

When other new facilities are installed by Company, Customer will in addition to the above Monthly Facilities Charge, pay in advance of installation, the cost for the new overhead facilities extending from the nearest or most suitable pole of Company to the point designated by Customer for the installation of said lamp. Company, at its option, may permit Customer to pay for such additional facilities in equal monthly installments extending over a period not to exceed twelve (12) months.

Effective:

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**RATE S**  
**EMERGENCY NOTIFICATION SIREN SERVICE**

**AVAILABILITY**

This Rate Schedule shall be available throughout Company's Service Area, subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

**APPLICABILITY**

This Rate Schedule shall be applicable to any emergency notification siren located in the service area of Company that does not receive service through a meter.

**RATES AND CHARGES**

The Monthly Charge for this service shall be \$15.83.

**PAYMENT**

Bills are payable monthly on or before the fifteenth day of the month following the calendar month during which service was supplied.

**CONTRACT**

Service under this Rate Schedule requires a written contract for a term of not less than one (1) year.

**TERMS AND CONDITIONS OF SERVICE**

Service under this Rate Schedule shall be governed by Company's General Terms and Conditions Applicable to Electric Service.

Effective: