



CenterPoint Energy Indiana South

P.O. Box 209

Evansville, IN 47702-0209

May 3, 2021

Jane Steinhauer
Director of Energy Division
Indiana Utility Regulatory Commission
PNC Center
101 West Washington, Suite 1500 East
Indianapolis, IN 46204

FILED
May 3, 2021
INDIANA UTILITY
REGULATORY COMMISSION

In RE: Compliance filing in Cause No. 45378 EDG, Excess Distributed Generation

Dear Ms. Steinhauer:

Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc., a CenterPoint Energy Company ("Vectren South") hereby submits for filing an electronic copy of the following tariff sheets that reflect changes to take effect pending review and approval by the Commission's Energy Division:

Sheet No. 53, Original Page 1 of 6
Sheet No. 53, Original Page 2 of 6
Sheet No. 53, Original Page 3 of 6
Sheet No. 53, Original Page 4 of 6
Sheet No. 53, Original Page 5 of 6
Sheet No. 53, Original Page 6 of 6
Sheet No. 2, Fourth Revised Page 2 of 4
Sheet No. 10, Fourth Revised Page 2 of 2
Sheet No. 14, Eighth Revised Page 1 of 2
Sheet No. 15, Fourth Revised Page 2 of 2
Sheet No. 16, Second Revised Page 2 of 2
Sheet No. 20, Fourth Revised Page 2 of 2

These tariff sheets are being filed in accordance with the Commission's Order in Cause No. 45378, as issued on April 7, 2021 (ordering paragraphs 1 through 4). Sheet No. 53 sets forth the Excess Distributed Generation ("EDG") factor as set forth in Petitioner's Exhibit No. 3, Attachment MAR-R1, and revised in compliance with the Commission's Order dated April 7, 2021.

The remaining tariff sheets are being provided to incorporate the reference to Sheet No. 53 within the Tariff Sheet Index and Rate Schedules. Clean and redlined copies are attached to this compliance filing.

Please return a copy of the approved tariff sheets to me via e-mail.

Sincerely,

Brian Ankenbrand

Brian Ankenbrand
Senior Regulatory Analyst
Brian.Ankenbrand@centerpointenergy.com

RIDER EDG **EXCESS DISTRIBUTED GENERATION**

AVAILABILITY

This Rider shall be available throughout Company's Service Area subject to the terms of Indiana Code ("IC") 8-1-40 and subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

APPLICABILITY

This Rider is applicable to any Customer receiving Electric Service electing service hereunder who has installed on its Premises an eligible distributed generation energy resource ("DG" resource) or other renewable energy technologies determined appropriate by the Commission. Customer must meet the Metering, Generator System Requirements, and Interconnection Requirements specified below. Customer must not be eligible for Rider NM.

DEFINITIONS

The following definitions are applicable to Customers under Rider EDG:

Excess Distributed Generation – (kWh) in accordance with IC 8-1-40-5, the difference between (1) the electricity that is supplied by an electricity supplier to a customer that produces distributed generation; and (2) the electricity that is supplied back to the electricity supplier by the customer.

Inflow – (kWh) the separate meter channel measurement of energy supplied by Company to Customer.

Outflow – (kWh) the separate meter channel measurement of energy delivered by Customer to Company as Excess Distributed Generation.

Rider EDG Billing Credit – in accordance with IC 8-1-40-17 and 8-1-40-18, the credit determined by taking the Outflow multiplied by the Marginal DG Price.

Rider EDG Billing Credit Balance – in accordance with IC 8-1-40-18, the cumulative amount of Rider EDG Billing Credits not applied to a customer's bill due to Minimum Monthly Charge requirements.

Net Metering Queue – in accordance with IURC General Administrative Order ("GAO") 2019-2, a prioritized list for each of the three customer-generator types (residential, biomass, and non-reserved) by date of operation of distributed generation energy resource, date of application approval by the Company, and date of completed application by the Customer to the Company.

Net Metering Operating Participant – in accordance with GAO 2019-2, those customers who have completed installation and have a fully operating (or energized) DG resource.

Net Metering Approved Participant – in accordance with GAO 2019-2, those customers who have applied and received approval from the utility, and who have signed an interconnection agreement with the utility.

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

Net Metering Queue Participant – in accordance with GAO 2019-2, those customers who have applied but not yet received approval from the utility to complete an interconnection agreement.

Rider NM Participation Cap – in accordance with IC 8-1-40, participation in Rider NM is limited to one and one-half percent (1.5%) of Company's most recent aggregate summer peak load.

BILLING

During the Month, Company shall measure the total kWh amount of Inflow and the total kWh amount of Outflow.

The Inflow kWh for the Month shall be billed in accordance with the Customer's standard Rate Schedule, with all applicable rates and charges (heretofore defined as *Standard Charges*).

The Excess DG kWh (Outflow) for the Month shall be multiplied by the Marginal DG Price to determine the Rider EDG Billing Credit.

For each Month, the Customer will be billed the Minimum Monthly Charge as defined in the Customer's applicable Rate Schedule. If the portion of the Customer's bill for the Month attributed to the Rider EDG Billing Credit is in excess of the amount attributed to Standard Charges less the Minimum Monthly Charge, the amount in excess will be accumulated in a Rider EDG Billing Credit Balance for use in a subsequent period.

If the portion of the Customer's bill for the Month attributed to the Standard Charges is in excess of the Rider EDG Billing Credit, any remaining Rider EDG Billing Credit Balance will be applied until the bill becomes the Minimum Monthly Charge or until the Rider EDG Billing Credit Balance becomes zero.

In accordance with IC 8-1-40-18, when Customer discontinues Rider EDG service and no longer receives retail electric service from the Company at the Premises, any unused and remaining Rider EDG Billing Credit Balance will revert to Company.

MARGINAL DG PRICE

Marginal DG Price is the average marginal price of energy paid by the Company during the most recent calendar year, multiplied by one and twenty-five hundredths (1.25), in accordance with IC 8-1-40-17.

Marginal DG Price:

\$0.02772 for all Outflow kWh

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

METERING

Customer's eligible for Rider EDG will be required to have a meter installed which can separately measure Inflow and Outflow. If Customer's standard meter is not capable of measuring Inflow and Outflow separately, Company will at its expense install a meter to meet the requirements of Rider EDG.

For Customers receiving three-phase service Company will install, at the Company's expense, a meter to meet the requirements of Rider EDG. Company's General Terms and Conditions Applicable to Electric Service will govern meter testing procedures.

ELIGIBILITY

Customers eligible for Rider EDG must not be eligible for Rider NM. Eligibility for Rider EDG and Rider NM will be determined based upon the Company's Net Metering Queue, maintained on the Company's website in accordance with GAO 2019-2.

1. For all Net Metering Queue Participants, eligibility will be determined once the customer (Net Metering Queue Participant) becomes a Net Metering Approved Participant.
2. Those customers that become a Net Metering Approved Participant before the Rider NM Participation Cap is met, will be eligible for Rider NM once operational in accordance with the requirements of IC 8-1-40 et seq.
3. Those customers that become a Net Metering Approved Participant after the Rider NM Participation Cap is met, will be eligible for Rider NM once operational in accordance with the requirements of IC 8-1-40 et seq., provided that the customer:
 - a. has not been a Net Metering Approved Participant for greater than one year without becoming operational; and
 - b. was a Net Metering Approved Participant prior to approval of Rider EDG.

If these conditions are not met, then the Net Metering Approved Participant will not be eligible for Rider NM and will become eligible for Rider EDG.

4. Net Metering Operating Participants prior to approval of Rider EDG will remain eligible for Rider NM in accordance with IC 8-1-40 guidelines.
5. The eligibility of Net Metering Operating Participants after approval of Rider EDG will be determined upon their status as Net Metering Approved Participants in accordance with the specifications listed above.

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

DISTRIBUTED GENERATOR SYSTEM REQUIREMENTS

Customer's distributed generator system must initially and continuously meet the following requirements in accordance with IC 8-1-40-3. The Company retains the right to periodically verify adherence to these requirements. Lack of adherence to the requirements revokes the applicability of this Rider.

1. The nameplate rating of Customer's generator system must not exceed 1 megawatt ("MW");
2. The generator system must be owned and operated by Customer and must be located on Customer's Premises;
3. Customer's generator system installed kW nameplate rating shall not represent an intent to exceed a Customer's on-going twelve-month kWh usage;
4. The generator system must operate in parallel with Company's distribution facilities;
5. The generator system must satisfy the Interconnection Requirements specified below;
6. The generator system cannot be used primarily for emergency back-up purposes; and
7. The generator system must not be operating under the NM Rider.

INTERCONNECTION REQUIREMENTS

1. Customer shall comply and maintain compliance with Company's interconnection requirements and Interconnection Guidelines for Customer Owned Generation (VEC-006). A generator system shall be deemed in compliance with Company's interconnection requirements if such generator system conforms to the most current Indiana Electrical Code, IEEE Standard 1547, has UL or CSA certification that it has satisfied the testing requirements of UL 1741 dated January 28, 2010, or IEEE 1547.1, or any IEEE or UL Standards that supersede these. The distributed generation facility shall comply with the applicable requirements of 170 IAC 4-4.3.
2. Customer owning and operating a generator system shall provide proof of liability insurance providing coverage against risks for which there is a reasonable likelihood of occurrence, as provided in 170 IAC 4-4.3-10. This coverage must be maintained as long as Customer is interconnected with Company's distribution system.
3. Conformance with these requirements does not convey any liability to Company for injuries or damages arising from the installation or operation of the generator system.
4. Customer shall execute Company's standard Distributed Generation Interconnection Application form and provide other information reasonably requested by Company for service under this Rider. Company shall require proof of qualified installation, including but not limited to proper configuration of service transformers and grounding requirements, prior to acceptance and completion of the interconnection agreement. Certification by a licensed electrician shall constitute one form of acceptable proof.

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

TERMS AND CONDITIONS OF SERVICE

1. Any characteristic of Customer's generator that degrades or otherwise compromises the quality of service provided to other Company Customers will not be permitted. In Company's determination, all generators shall be installed in compliance with corresponding service connection and IEEE Standard 519.
2. Customer shall agree that, upon Company request, Company shall have reasonable access to Customer's metering, control, and protective equipment. In the event of an emergency, hazard, or similar need, Customer shall agree that Company shall have immediate access to Customer's metering, control, and protective equipment.
3. Customer shall install, operate and maintain the distributed generation facility in accordance with the manufacturer's suggested practices for safe, efficient and reliable operation in parallel with Company's system.
4. Company may, at its own discretion, isolate any distributed generation facility if Company has reason to believe that continued interconnection with the distributed generation facility creates or contributes to a system emergency. System emergencies causing discontinuance of interconnection shall be subject to verification at the Commission's discretion.
5. A disconnecting device must be located at the point of common coupling for all Level 3 interconnections and applicable Level 2 interconnections as determined by Company. For three-phase interconnections, the disconnecting device must be gang operated. The disconnecting device must be accessible to Company personnel at all times and be suitable for use by Company as a protective tagging location. The disconnecting device shall have a visible open gap when in the open position and be capable of being locked in the open position. The cost and ownership of the main disconnect switch shall reside with Customer.
6. Customer is responsible for operating the proposed distributed generation facility such that voltage imbalance attributable to the distributed generation facility shall not exceed 1% at the point of common coupling. If voltage imbalance is more than 1% without the generator operating, the generator shall be installed and operated so as not contribute to a further imbalance. Voltage imbalance is the maximum phase deviation from average as specified in ANSI C84.1.
7. Company reserves the right to witness compliance testing at the time of installation and maintenance testing of the interconnection system for compliance with these conditions of service.
8. Customer is responsible for establishing a program for and performing periodic scheduled maintenance on the distributed generation facility's interconnection system (relays, interrupting devices, control schemes and batteries that involve the protection of Company's distribution system). A periodic maintenance program is to be established in accordance with the requirements of IEEE 1547. Company may examine copies of the periodic test reports or inspection logs associated with the periodic maintenance program. Upon Company's request, Company shall be informed of the next scheduled maintenance and be able to witness the maintenance performed and any associated testing.

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

9. The interconnection system hardware and software design requirements included in these terms and conditions of service are intended to ensure protection of Company's distribution system. Customer is solely responsible to determine, design and apply any additional hardware and software necessary to protect equipment at the distributed generation facility.
10. Customer agrees that Company shall not be liable for any damage to or breakdown of Customer's equipment operated in parallel with Company's electric system.
11. As provided in 170 IAC 4-4.3-10, the Company and the customer shall indemnify and hold each other harmless from and against all claims, liability, damages, and expenses, including attorney's fees, based on any injury to any person, including loss of life or damage to any property, including loss of use thereof, arising out of, resulting from, or connected with, or that may be alleged to have arisen out of, resulted from, or connected with an act or omission by the other party or its employees, agents, representatives, successors, or assigns in the construction, ownership, operation, or maintenance of the party's facilities.
12. The supplying of, and billing for service under this Rider shall be governed by Company's General Terms and Conditions Applicable to Electric Service under the jurisdiction of the Commission.

TARIFF SHEET INDEX
(Continued)

**TARIFF
SHEET
NO.**

DESCRIPTION

	<u>RIDER</u>	<u>RIDERS</u>
50		RESERVED FOR FUTURE USE
51	IP-2	INTERRUPTIBLE POWER SERVICE
52	NM	NET METERING RIDER
53	EDG	EXCESS DISTRIBUTED GENERATION RIDER
54	DLC	DIRECT LOAD CONTROL RIDER
55	IC	INTERRUPTIBLE CONTRACT RIDER
56	IO	INTERRUPTIBLE OPTION RIDER
57	AFS	ALTERNATE FEED SERVICE RIDER
58	ED	ECONOMIC DEVELOPMENT RIDER
59	AD	AREA DEVELOPMENT RIDER
60	TS	TEMPORARY SERVICE RIDER
61	SAS	STANDBY OR AUXILIARY SERVICE RIDER
62	DR	MISO DEMAND RESPONSE RIDER
63-64		RESERVED FOR FUTURE USE

APPENDIX **ADJUSTMENTS**

65	A	FUEL ADJUSTMENT CLAUSE (FAC)
66	B	DEMAND SIDE MANAGEMENT ADJUSTMENT (DSMA)
67	C	CLEAN ENERGY COST ADJUSTMENT (CECA)
68	D	OTHER CHARGES
69	E	ENVIRONMENTAL COST ADJUSTMENT (ECA)
70-72		RESERVED FOR FUTURE USE
73	I	MISO COST AND REVENUE ADJUSTMENT (MCRA)
74	J	RELIABILITY COST AND REVENUE ADJUSTMENT (RCRA)
75	K	TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
76-78		RESERVED FOR FUTURE USE

RATE **PURCHASE RATES**

79	CSP	COGENERATION AND SMALL POWER PRODUCTION
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RATE RS
RESIDENTIAL SERVICE
(Continued)

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 C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider DLC – Direct Load Control Rider

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.

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 C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider DLC – Direct Load Control Rider

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 C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation 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.

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 OSS
OFF-SEASON SERVICE
(Continued)

Adjustments:

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider DLC – Direct Load Control Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed 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 highest Maximum Demand established during the previous months of June, July, August or September, but not less than 10 kW.

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.

RATE MLA
MUNICIPAL LEVEE AUTHORITY SERVICE
(Continued)

Transformer Ownership Discount:

This discount is available to any Customer electing service under this Rate Schedule, when Customer owns, operates and maintains all transformer facilities and receives service at Company's available Primary Voltage. Customer's current monthly bill will be decreased by forty-five and one-tenth cents (\$0.451) for each kW of Billing Demand.

Adjustments:

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed Service Rider
- Rider ED – Economic 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

Billing Demand shall be the higher of Maximum Demand and Monthly Contract Demand.

The Monthly Contract Demand shall be the demand amount agreed upon between Customer and Company in a Contract.

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.

CONTRACT

For service hereunder, a written contract is required for an initial term of not less than two (2) years and such contract shall continue for annual successive terms unless cancelled. The contract may be cancelled by either party by giving written notice to the other party not less than one (1) year prior to the date of termination.

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.

RIDER EDG **EXCESS DISTRIBUTED GENERATION**

AVAILABILITY

This Rider shall be available throughout Company's Service Area subject to the terms of Indiana Code ("IC") 8-1-40 and subject to the availability of adequate facilities and power supplies, which determinations shall be within Company's reasonable discretion.

APPLICABILITY

This Rider is applicable to any Customer receiving Electric Service electing service hereunder who has installed on its Premises an eligible distributed generation energy resource ("DG" resource) or other renewable energy technologies determined appropriate by the Commission. Customer must meet the Metering, Generator System Requirements, and Interconnection Requirements specified below. Customer must not be eligible for Rider NM.

DEFINITIONS

The following definitions are applicable to Customers under Rider EDG:

Excess Distributed Generation – (kWh) in accordance with IC 8-1-40-5, the difference between (1) the electricity that is supplied by an electricity supplier to a customer that produces distributed generation; and (2) the electricity that is supplied back to the electricity supplier by the customer.

Inflow – (kWh) the separate meter channel measurement of energy supplied by Company to Customer.

Outflow – (kWh) the separate meter channel measurement of energy delivered by Customer to Company as Excess Distributed Generation.

Rider EDG Billing Credit – in accordance with IC 8-1-40-17 and 8-1-40-18, the credit determined by taking the Outflow multiplied by the Marginal DG Price.

Rider EDG Billing Credit Balance – in accordance with IC 8-1-40-18, the cumulative amount of Rider EDG Billing Credits not applied to a customer's bill due to Minimum Monthly Charge requirements.

Net Metering Queue – in accordance with IURC General Administrative Order ("GAO") 2019-2, a prioritized list for each of the three customer-generator types (residential, biomass, and non-reserved) by date of operation of distributed generation energy resource, date of application approval by the Company, and date of completed application by the Customer to the Company.

Net Metering Operating Participant – in accordance with GAO 2019-2, those customers who have completed installation and have a fully operating (or energized) DG resource.

Net Metering Approved Participant – in accordance with GAO 2019-2, those customers who have applied and received approval from the utility, and who have signed an interconnection agreement with the utility.

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

Net Metering Queue Participant – in accordance with GAO 2019-2, those customers who have applied but not yet received approval from the utility to complete an interconnection agreement.

Rider NM Participation Cap – in accordance with IC 8-1-40, participation in Rider NM is limited to one and one-half percent (1.5%) of Company's most recent aggregate summer peak load.

BILLING

During the Month, Company shall measure the total kWh amount of Inflow and the total kWh amount of Outflow.

The Inflow kWh for the Month shall be billed in accordance with the Customer's standard Rate Schedule, with all applicable rates and charges (heretofore defined as *Standard Charges*).

The Excess DG kWh (Outflow) for the Month shall be multiplied by the Marginal DG Price to determine the Rider EDG Billing Credit.

For each Month, the Customer will be billed the Minimum Monthly Charge as defined in the Customer's applicable Rate Schedule. If the portion of the Customer's bill for the Month attributed to the Rider EDG Billing Credit is in excess of the amount attributed to Standard Charges less the Minimum Monthly Charge, the amount in excess will be accumulated in a Rider EDG Billing Credit Balance for use in a subsequent period.

If the portion of the Customer's bill for the Month attributed to the Standard Charges is in excess of the Rider EDG Billing Credit, any remaining Rider EDG Billing Credit Balance will be applied until the bill becomes the Minimum Monthly Charge or until the Rider EDG Billing Credit Balance becomes zero.

In accordance with IC 8-1-40-18, when Customer discontinues Rider EDG service and no longer receives retail electric service from the Company at the Premises, any unused and remaining Rider EDG Billing Credit Balance will revert to Company.

MARGINAL DG PRICE

Marginal DG Price is the average marginal price of energy paid by the Company during the most recent calendar year, multiplied by one and twenty-five hundredths (1.25), in accordance with IC 8-1-40-17.

Marginal DG Price:

\$~~0.02772~~ for all Outflow kWh

Deleted: 0.03183

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

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1. For all Net Metering Queue Participants, eligibility will be determined once the customer (Net Metering Queue Participant) becomes a Net Metering Approved Participant.
2. Those customers that become a Net Metering Approved Participant before the Rider NM Participation Cap is met, will be eligible for Rider NM once operational in accordance with the requirements of IC 8-1-40 et seq.
3. Those customers that become a Net Metering Approved Participant after the Rider NM Participation Cap is met, will be eligible for Rider NM once operational in accordance with the requirements of IC 8-1-40 et seq., provided that the customer:
 - a. has not been a Net Metering Approved Participant for greater than one year without becoming operational; and
 - b. was a Net Metering Approved Participant prior to approval of Rider EDG.

If these conditions are not met, then the Net Metering Approved Participant will not be eligible for Rider NM and will become eligible for Rider EDG.

4. Net Metering Operating Participants prior to approval of Rider EDG will remain eligible for Rider NM in accordance with IC 8-1-40 guidelines.
5. The eligibility of Net Metering Operating Participants after approval of Rider EDG will be determined upon their status as Net Metering Approved Participants in accordance with the specifications listed above.

Effective:

RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

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2. The generator system must be owned and operated by Customer and must be located on Customer's Premises;
3. Customer's generator system installed kW nameplate rating shall not represent an intent to exceed a Customer's on-going twelve-month kWh usage;
4. The generator system must operate in parallel with Company's distribution facilities;
5. The generator system must satisfy the Interconnection Requirements specified below;
6. The generator system cannot be used primarily for emergency back-up purposes; and
7. The generator system must not be operating under the NM Rider.

INTERCONNECTION REQUIREMENTS

1. Customer shall comply and maintain compliance with Company's interconnection requirements and Interconnection Guidelines for Customer Owned Generation (VEC-006). A generator system shall be deemed in compliance with Company's interconnection requirements if such generator system conforms to the most current Indiana Electrical Code, IEEE Standard 1547, has UL or CSA certification that it has satisfied the testing requirements of UL 1741 dated January 28, 2010, or IEEE 1547.1, or any IEEE or UL Standards that supersede these. The distributed generation facility shall comply with the applicable requirements of 170 IAC 4-4.3.
2. Customer owning and operating a generator system shall provide proof of liability insurance providing coverage ~~against risks for which there is a reasonable likelihood of occurrence, as provided in 170 IAC 4-4.3-10.~~ This coverage must be maintained as long as Customer is interconnected with Company's distribution system.
3. Conformance with these requirements does not convey any liability to Company for injuries or damages arising from the installation or operation of the generator system.
4. Customer shall execute Company's standard Distributed Generation Interconnection Application form and provide other information reasonably requested by Company for service under this Rider. Company shall require proof of qualified installation, including but not limited to proper configuration of service transformers and grounding requirements, prior to acceptance and completion of the interconnection agreement. Certification by a licensed electrician shall constitute one form of acceptable proof.

Effective:

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RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

TERMS AND CONDITIONS OF SERVICE

1. Any characteristic of Customer's generator that degrades or otherwise compromises the quality of service provided to other Company Customers will not be permitted. In Company's determination, all generators shall be installed in compliance with corresponding service connection and IEEE Standard 519.
2. Customer shall agree that, upon Company request, Company shall have reasonable access to Customer's metering, control, and protective equipment. In the event of an emergency, hazard, or similar need, Customer shall agree that Company shall have immediate access to Customer's metering, control, and protective equipment.
3. Customer shall install, operate and maintain the distributed generation facility in accordance with the manufacturer's suggested practices for safe, efficient and reliable operation in parallel with Company's system.
4. Company may, at its own discretion, isolate any distributed generation facility if Company has reason to believe that continued interconnection with the distributed generation facility creates or contributes to a system emergency. System emergencies causing discontinuance of interconnection shall be subject to verification at the Commission's discretion.
5. A disconnecting device must be located at the point of common coupling for all Level 3 interconnections and applicable Level 2 interconnections as determined by Company. For three-phase interconnections, the disconnecting device must be gang operated. The disconnecting device must be accessible to Company personnel at all times and be suitable for use by Company as a protective tagging location. The disconnecting device shall have a visible open gap when in the open position and be capable of being locked in the open position. The cost and ownership of the main disconnect switch shall reside with Customer.
6. Customer is responsible for operating the proposed distributed generation facility such that voltage imbalance attributable to the distributed generation facility shall not exceed 1% at the point of common coupling. If voltage imbalance is more than 1% without the generator operating, the generator shall be installed and operated so as not contribute to a further imbalance. Voltage imbalance is the maximum phase deviation from average as specified in ANSI C84.1.
7. Company reserves the right to witness compliance testing at the time of installation and maintenance testing of the interconnection system for compliance with these conditions of service.
8. Customer is responsible for establishing a program for and performing periodic scheduled maintenance on the distributed generation facility's interconnection system (relays, interrupting devices, control schemes and batteries that involve the protection of Company's distribution system). A periodic maintenance program is to be established in accordance with the requirements of IEEE 1547. Company may examine copies of the periodic test reports or inspection logs associated with the periodic maintenance program. Upon Company's request, Company shall be informed of the next scheduled maintenance and be able to witness the maintenance performed and any associated testing.

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RIDER EDG
EXCESS DISTRIBUTED GENERATION
(Continued)

9. The interconnection system hardware and software design requirements included in these terms and conditions of service are intended to ensure protection of Company's distribution system. Customer is solely responsible to determine, design and apply any additional hardware and software necessary to protect equipment at the distributed generation facility.
10. Customer agrees that Company shall not be liable for any damage to or breakdown of Customer's equipment operated in parallel with Company's electric system.
11. As provided in 170 IAC 4-4.3-10, the Company and the customer shall indemnify and hold each other harmless from and against all claims, liability, damages, and expenses, including attorney's fees, based on any injury to any person, including loss of life or damage to any property, including loss of use thereof, arising out of, resulting from, or connected with, or that may be alleged to have arisen out of, resulted from, or connected with an act or omission by the other party or its employees, agents, representatives, successors, or assigns in the construction, ownership, operation, or maintenance of the party's facilities.▼
12. The supplying of, and billing for service under this Rider shall be governed by Company's General Terms and Conditions Applicable to Electric Service under the jurisdiction of the Commission.

Deleted: Company and Customer shall agree to release, indemnify, and hold each other harmless Company from any and all claims for injury to persons or damage to property due to or in any way connected with the operation of Customer-owned equipment and/or generators.

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

Sheet No. 2
Fourth Revised Page 2 of 4
Cancels Third Revised Page 2 of 4

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TARIFF SHEET INDEX

(Continued)

TARIFF SHEET NO.

DESCRIPTION

RIDER

RIDERS

50		RESERVED FOR FUTURE USE
51	IP-2	INTERRUPTIBLE POWER SERVICE
52	NM	NET METERING RIDER
53	EDG	EXCESS DISTRIBUTED GENERATION RIDER
54	DLC	DIRECT LOAD CONTROL RIDER
55	IC	INTERRUPTIBLE CONTRACT RIDER
56	IO	INTERRUPTIBLE OPTION RIDER
57	AFS	ALTERNATE FEED SERVICE RIDER
58	ED	ECONOMIC DEVELOPMENT RIDER
59	AD	AREA DEVELOPMENT RIDER
60	TS	TEMPORARY SERVICE RIDER
61	SAS	STANDBY OR AUXILIARY SERVICE RIDER
62	DR	MISO DEMAND RESPONSE RIDER
63-64		RESERVED FOR FUTURE USE

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APPENDIX

ADJUSTMENTS

65	A	FUEL ADJUSTMENT CLAUSE (FAC)
66	B	DEMAND SIDE MANAGEMENT ADJUSTMENT (DSMA)
67	C	CLEAN ENERGY COST ADJUSTMENT (CECA)
68	D	OTHER CHARGES
69	E	ENVIRONMENTAL COST ADJUSTMENT (ECA)
70-72		RESERVED FOR FUTURE USE
73	I	MISO COST AND REVENUE ADJUSTMENT (MCRA)
74	J	RELIABILITY COST AND REVENUE ADJUSTMENT (RCRA)
75	K	TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
76-78		RESERVED FOR FUTURE USE

RATE

PURCHASE RATES

79	CSP	COGENERATION AND SMALL POWER PRODUCTION
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RATE RS
RESIDENTIAL SERVICE
(Continued)

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 C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider DLC – Direct Load Control Rider

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:

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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 C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – ~~Excess Distributed Generation Rider~~
- Rider DLC – Direct Load Control Rider

Effective: 

~~Deleted:~~ June 1, 2019

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 C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation 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.

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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RATE OSS
OFF-SEASON SERVICE
(Continued)

Adjustments:

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider DLC – Direct Load Control Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed 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 highest Maximum Demand established during the previous months of June, July, August or September, but not less than 10 kW.

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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RATE MLA
MUNICIPAL LEVEE AUTHORITY SERVICE
(Continued)

Transformer Ownership Discount:

This discount is available to any Customer electing service under this Rate Schedule, when Customer owns, operates and maintains all transformer facilities and receives service at Company's available Primary Voltage. Customer's current monthly bill will be decreased by forty-five and one-tenth cents (\$0.451) for each kW of Billing Demand.

Adjustments:

The following Adjustments shall be applied monthly:

- Appendix A – Fuel Adjustment Clause
- Appendix B – Demand Side Management Adjustment
- Appendix C – Clean Energy Cost Adjustment
- Appendix E – Environmental Cost 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 EDG – Excess Distributed Generation Rider
- Rider IO – Interruptible Option Rider
- Rider AFS – Alternate Feed Service Rider
- Rider ED – Economic 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

Billing Demand shall be the higher of Maximum Demand and Monthly Contract Demand.

The Monthly Contract Demand shall be the demand amount agreed upon between Customer and Company in a Contract.

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.

CONTRACT

For service hereunder, a written contract is required for an initial term of not less than two (2) years and such contract shall continue for annual successive terms unless cancelled. The contract may be cancelled by either party by giving written notice to the other party not less than one (1) year prior to the date of termination.

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.