



Received: December 8, 2017
IURC 30-Day Filing No.: 50102
Indiana Utility Regulatory Commission

Vectren Corporation
One Vectren Square
Evansville, IN 47708

December 8, 2017

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 for Rider NM

Dear Ms. Becerra:

This filing is being made on behalf of Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. ("Vectren South" or "the Company") under the Commission's Thirty-Day Administrative Filing Procedures and Guidelines ("Guidelines") to request approval of the following modifications to the Vectren South Tariff for Electric Service:

1. Rider NM – Net Metering Rider (Sheet No. 52, Pages 1-4)
 - a. To modify the Availability section consistent with the recently enacted Indiana Code ("IC") 8-1-40
 - b. To add language under the Billing Section to address new grandfathering provisions for applicable Net Metering credits

Vectren South is making this filing to update its Net Metering Rider consistent with Senate Enrolled Act 309 ("SEA309"), which modified certain provisions of the Net Metering requirements under IC 8-1-40 and 170 IAC 4-4.2. Rider NM was created June 18, 2003 and has been subsequently modified as a result of the addition of and modification to 170 IAC 4-4.2.

Vectren South is proposing these changes to increase the total participation limit from 1% to 1.5% of Company's summer peak load, and to include a provision that 15% of the participation capacity is reserved solely for facilities using renewable energy resources as described in IC 8-1-37-4(a)(5).

In addition, Vectren South is proposing to add language to the Billing section of Rider NM to outline the grandfathering provisions, as defined in IC 8-1-40, for applicable Net Metering credits:

1. Customers who have facilities installed and are served under Rider NM prior to December 31, 2017 are eligible for Rider NM provisions through the earlier of the date the customer removes or replaces the facility, or June 30, 2047.
2. Customers who have facilities installed and are served under Rider NM after December 31, 2017 and before the availability of Rider NM is terminated under IC 8-1-40-10 are eligible for Rider NM provisions through the earlier of the date the customer removes or replaces the facility, or June 30, 2032.

This filing is an allowable request under the Guidelines because it is a filing to change rules and regulations of the utility.

Vectren South affirms that a notice regarding the filing in the form attached hereto will be published on December 8, 2017 in the *Evansville Courier & Press*, a newspaper of general circulation in Vanderburgh County, where the largest number of Vectren South's customers is located. Vectren South also affirms that the notice has been posted on its website. Vectren South 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: jcs wiz@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

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), 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.



J. Cas Swiz

Date: 12/8/2017

LEGAL NOTICE

Notice is hereby given that on or about December 8, 2017, Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. ("Vectren South") will file a request for approval of an update to its Net Metering Rider (Sheet No. 52 – Rider NM) included in Vectren South's Tariff for Electric Service. Sheet No. 52 is applicable to any Customer receiving Electric Service electing service under Rider NM who has installed on its Premises an eligible net metering energy resource, as defined in Indiana Code ("IC") 8-1-37-4(a)(1) through IC 8-1-37-4(a)(8), or other renewable energy technologies determined appropriate by the Commission. Customer must meet the Generator System Requirements and Interconnection Requirements specified on Sheet No. 52. The referenced filing will update Rider NM to be consistent with IC 8-1-40 which governs net metering installations in the State of Indiana. Customers served under Rider NM, and those interested in installing qualifying facilities under the provisions of Rider NM, will be impacted through the addition of tariff language setting forth rights and responsibilities established in IC 8-1-40.

Vectren South anticipates approval of the filing in January 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.

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RIDER NM **NET METERING RIDER**

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. Total participation in this Rider is limited to one and one half percent (1.5%) of Company's most recent aggregate summer peak load with 40% of that capacity reserved solely for residential customers, and 15% of that capacity reserved solely for facilities using renewable energy resources as described in Indiana Code ("IC") 8-1-37-4(a)(5). Service under this Rider shall be available on a first come, first served basis.

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APPLICABILITY

This Rider is applicable to any Customer receiving Electric Service electing service hereunder who has installed on its Premises an eligible net metering energy resource, as defined in IC 8-1-37-4(a)(1) through IC 8-1-37-4(a)(8), or other renewable energy technologies determined appropriate by the Commission. Customer must meet the Generator System Requirements and Interconnection Requirements specified below.

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BILLING

The measurement of net electricity supplied by Company and delivered to Company shall be calculated in the following manner. Company shall measure the difference between the amount of electricity delivered by Company to Customer and the amount of electricity generated by Customer and delivered to Company during the billing period, in accordance with normal metering practices. If the kWh delivered by Company to Customer exceeds the kWh delivered by Customer to Company during the billing period, Customer shall be billed for the kWh difference. If the kWh generated by Customer and delivered to Company exceeds the kWh supplied by Company to Customer during the billing period, Customer shall be billed for zero kWh in the current billing cycle and shall be credited in subsequent billing cycles for the kWh difference. Customer shall remain responsible for all applicable Rates and Charges, including Customer Facilities Charges, and Demand Charges as applicable. When Customer discontinues Net Metering Rider service, any unused credit will revert to Company.

Subject to the terms of IC 8-1-40:

1. Billing for Customers who have satisfied all interconnection requirements and agree to participate in Company's Net Metering program pursuant to the terms and conditions described herein prior to and including December 31, 2017 will continue as described above until
 - a. the customer removes the net metering facility from the customer premises or replaces the net metering facility, or
 - b. June 30, 2047;whichever occurs earlier.

Bill charges and credits for these Customers will be in accordance with the standard Rate Schedule that would apply if Customer did not participate in this Rider.

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RIDER NM
NET METERING RIDER
(Continued)

2. Billing for Customers who have satisfied all interconnection requirements and agree to participate in Company's Net Metering program under the terms and conditions described herein after December 31, 2017 and before the date on which the availability of this Rider NM terminates under IC 8-1-40-10 will continue as described above until

a. The customer removes the net metering facility from the customer premises or replaces the net metering facility, or

b. July 1, 2032;
whichever occurs earlier.

Bill charges and credits for these Customers will be in accordance with the standard Rate Schedule that would apply if Customer did not participate in this Rider.

A successor in interest to a Customer's premises on which a net metering facility is located, may, if the successor in interest chooses, receive service pursuant to these same terms and conditions of this Rider.

METERING

If Customer's standard meter is capable of measuring electricity in both directions, it will be used for purposes of this Rider. If Customer's standard meter is not capable of measuring electricity in both directions, Company will at its expense install metering capable of net metering. For Customers receiving three-phase service Company will install, at Customer's expense, metering capable of net metering. Company's General Terms and Conditions Applicable to Electric Service will govern meter testing procedures.

In addition, Company reserves the right to install, at its own expense, a meter to measure the output of Customer's generator.

GENERATOR SYSTEM REQUIREMENTS

Customer's generator system must meet the following requirements:

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 must be intended primarily to offset part or all of Customer's requirements for electricity;
4. The generator system must operate in parallel with Company's distribution facilities; and
5. The generator system must satisfy the Interconnection Requirements specified below.

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 net metering facility shall comply with the applicable requirements of 170 IAC 4-4.3.

Effective:

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RIDER NM
NET METERING RIDER
(Continued)

2. Customer owning and operating a generator system shall provide proof of liability insurance providing coverage for claims resulting from Bodily Injury and/or Property Damage in the amount of at least one hundred thousand dollars (\$100,000) for the liability of the insured against loss arising out of the use of a net metering facility, as provided in 170 IAC 4-4.2-8. 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 Net Metering 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 acceptable proof.

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 Company shall at all times have immediate access to Customer's metering, control, and protective equipment.
3. Customer shall install, operate and maintain the net metering 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 net metering facility if Company has reason to believe that continued interconnection with the net metering 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 2 and 3 interconnections unless Company provides in writing a waiver of that requirement for a Level 2 net metering facility. 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.

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RIDER NM
NET METERING RIDER
(Continued)

6. Customer is responsible for operating the proposed net metering facility such that voltage imbalance attributable to the net metering 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 net metering 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.
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 net metering 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. Customer shall agree to release, indemnify, and hold 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.
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.

Effective:

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RIDER NM **NET METERING RIDER**

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. Total participation in this Rider is limited to one and one half percent (1.5%) of Company's most recent aggregate summer peak load with 40% of that capacity reserved solely for residential customers, and 15% of that capacity reserved solely for facilities using renewable energy resources as described in Indiana Code ("IC") 8-1-37-4(a)(5). Service under this Rider shall be available on a first come, first served basis.

APPLICABILITY

This Rider is applicable to any Customer receiving Electric Service electing service hereunder who has installed on its Premises an eligible net metering energy resource, as defined in IC 8-1-37-4(a)(1) through IC 8-1-37-4(a)(8), or other renewable energy technologies determined appropriate by the Commission. Customer must meet the Generator System Requirements and Interconnection Requirements specified below.

BILLING

The measurement of net electricity supplied by Company and delivered to Company shall be calculated in the following manner. Company shall measure the difference between the amount of electricity delivered by Company to Customer and the amount of electricity generated by Customer and delivered to Company during the billing period, in accordance with normal metering practices. If the kWh delivered by Company to Customer exceeds the kWh delivered by Customer to Company during the billing period, Customer shall be billed for the kWh difference. If the kWh generated by Customer and delivered to Company exceeds the kWh supplied by Company to Customer during the billing period, Customer shall be billed for zero kWh in the current billing cycle and shall be credited in subsequent billing cycles for the kWh difference. Customer shall remain responsible for all applicable Rates and Charges, including Customer Facilities Charges, and Demand Charges as applicable. When Customer discontinues Net Metering Rider service, any unused credit will revert to Company.

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 - a. the customer removes the net metering facility from the customer premises or replaces the net metering facility, or
 - b. June 30, 2047;whichever occurs earlier.

Bill charges and credits for these Customers will be in accordance with the standard Rate Schedule that would apply if Customer did not participate in this Rider.

Effective:

RIDER NM
NET METERING RIDER

(Continued)

2. Billing for Customers who have satisfied all interconnection requirements and agree to participate in Company's Net Metering program under the terms and conditions described herein after December 31, 2017 and before the date on which the availability of this Rider NM terminates under IC 8-1-40-10 will continue as described above until
 - a. The customer removes the net metering facility from the customer premises or replaces the net metering facility, or
 - b. July 1, 2032;whichever occurs earlier.

Bill charges and credits for these Customers will be in accordance with the standard Rate Schedule that would apply if Customer did not participate in this Rider,

A successor in interest to a Customer's premises on which a net metering facility is located, may, if the successor in interest chooses, receive service pursuant to these same terms and conditions of this Rider.

METERING

If Customer's standard meter is capable of measuring electricity in both directions, it will be used for purposes of this Rider. If Customer's standard meter is not capable of measuring electricity in both directions, Company will at its expense install metering capable of net metering. For Customers receiving three-phase service Company will install, at Customer's expense, metering capable of net metering. Company's General Terms and Conditions Applicable to Electric Service will govern meter testing procedures.

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4. The generator system must operate in parallel with Company's distribution facilities; and
5. The generator system must satisfy the Interconnection Requirements specified below.

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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 net metering facility shall comply with the applicable requirements of 170 IAC 4-4.3.

Effective:

RIDER NM
NET METERING RIDER
(Continued)

2. Customer owning and operating a generator system shall provide proof of liability insurance providing coverage for claims resulting from Bodily Injury and/or Property Damage in the amount of at least one hundred thousand dollars (\$100,000) for the liability of the insured against loss arising out of the use of a net metering facility, as provided in 170 IAC 4-4.2-8. 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 Net Metering 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 acceptable proof.

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3. Customer shall install, operate and maintain the net metering 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 net metering facility if Company has reason to believe that continued interconnection with the net metering 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 2 and 3 interconnections unless Company provides in writing a waiver of that requirement for a Level 2 net metering facility. 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.

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NET METERING RIDER
(Continued)

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8. Customer is responsible for establishing a program for and performing periodic scheduled maintenance on the net metering 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.
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 net metering 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. Customer shall agree to release, indemnify, and hold 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.
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.