
VERIFIED DIRECT TESTIMONY OF CURT A. WESTERHAUSEN

1 **Q1. Please state your name, business address and title.**

2 A1. My name is Curt A. Westerhausen. My business address is 801 E. 86th
3 Avenue, Merrillville, Indiana 46410. I am currently the Director of
4 Regulatory for NiSource Corporate Services Company.

5 **Q2. On whose behalf are you submitting this direct testimony?**

6 A2. I am submitting this testimony on behalf of Northern Indiana Public Service
7 Company LLC ("NIPSCO").

8 **Q3. Please describe your educational and employment background.**

9 A3. I received a Bachelor of Science degree in Electrical Engineering from
10 Valparaiso University and a Masters of Business Administration from
11 Indiana University. I am also a Licensed Professional Engineer in the State
12 of Indiana. I began my employment with NIPSCO in 1978 in the Plant
13 Engineering Department. Since joining NIPSCO, I have held various
14 engineering positions in the Plant Engineering, Plant Construction and the
15 Power Engineering Departments. Since 2000, I have held the positions of
16 Principal in the Competitive and Regulatory Development Department,

1 Manager of Commercial and Industrial Products of NiSource, Lead
2 Regulatory Analyst in the Rates Department, Manager in the Rates
3 Department and Director of Rates and Contracts in the Rates and
4 Regulatory Finance Department. I accepted my current position effective
5 November 1, 2017.

6 **Q4. What are your responsibilities as Director of Regulatory?**

7 A4. As Director of Regulatory, I have overall responsibility for rates and
8 contract administration for all of NIPSCO's electric and gas operation rates,
9 rules and contract filings with the Indiana Utility Regulatory Commission
10 ("Commission"). I am responsible for the interpretation, application and
11 administration of NIPSCO's rates, rules and regulations, terms and
12 conditions of service and tariffs filed with the Commission for retail gas and
13 electric service. I am also responsible for recommending tariff revisions,
14 preparing and coordinating filings with regulatory agencies, implementing
15 and complying with state and federal regulatory orders and assisting in the
16 interpretation and implementation of state and federal regulatory
17 requirements regarding utilities.

18

1 **Q5. Have you previously testified before this Commission?**

2 A5. Yes. I testified before this Commission in NIPSCO's most recent gas rate
3 case in Cause No. 44988, 2010 gas rate case in Cause No. 43894 and in
4 NIPSCO's merger with Kokomo Gas and Fuel Company and Northern
5 Indiana Fuel and Light Company, Inc. in Consolidated Cause Nos. 43941,
6 42942 and 43943. I also testified before this Commission in NIPSCO's most
7 recent electric rate case in Cause No. 44688, 2008 electric rate case in Cause
8 No. 43526, and 2010 electric rate case in Cause No. 43969 and in Cause No.
9 44012 (CPCN), Cause No. 44198 (GPR), and Cause No. 43922 (Feed-In
10 Tariff) as well as in various tracker filings (Cause Nos. 44155-RA-1, 44156-
11 RTO-1, 44198-GPR-1 and GPR-2, 42150-ECR-16 through ECR-19, 43618-
12 DSM-2 and 44733-TDSIC-2).

13 **Q6. Are you sponsoring any attachments to your testimony in this Cause?**

14 A6. Yes. I am sponsoring Attachment 19-A through 19-F, all of which were
15 prepared by me or under my direction and supervision. I also sponsor a
16 portion of the workpapers included in Petitioner's Confidential Exhibit No.
17 20-S2.

18

1 **Q7. What is the purpose of your testimony?**

2 A7. The purpose of my testimony is to (1) summarize NIPSCO's principles and
3 objectives for designing rates in this proceeding, (2) describe NIPSCO's
4 proposed IURC Electric Service Tariff, Original Volume No. 14, including
5 the Schedule of Rates ("Proposed Rates"), Riders ("Proposed Riders") and
6 General Rules and Regulations ("Proposed Rules") (the "Proposed Tariff")
7 and the proposed standard contract, and (3) explain how the Proposed
8 Tariff differs from NIPSCO's IURC Electric Service Tariff, Original Volume
9 No. 13, currently on file with the Commission (the "Current Tariff"). I also
10 provide support for various revenue and fuel and purchased power
11 adjustments.

12 **Q8. What is a utility's service structure?**

13 A8. A service structure includes all provisions within a utility's tariff. A tariff
14 may include customer, demand and energy charges, and various service
15 characteristics, to implement rates and service options to serve various
16 customer classes with differentiated characteristics. For example, two
17 customers that use the same amount of energy each month may have
18 different costs of service if they require the energy at different voltage levels
19 or use the energy at different times of the day. In this case, the utility may

1 separate these two customers into different rate classes so that the customer
2 whose energy consumption characteristics cause the utility to incur less
3 expense does not unreasonably subsidize the customer whose consumption
4 characteristics cause the utility to incur more expense.

5 **Q9. Is NIPSCO proposing significant changes to its service structure for its**
6 **non-industrial customers in this proceeding?**

7 A9. No. The service structure would remain the same for residential and
8 commercial customers, except for a proposed increase in fixed recovery by
9 increasing customer charges.

10 **Q10. What are the principles and objectives of NIPSCO for designing rates in**
11 **this proceeding?**

12 A10. NIPSCO had three overall policy objectives in the development of the rates
13 proposed in this proceeding: (1) restructure the industrial rate classes to
14 accommodate the large industrial customers that want to reduce their
15 dependence on NIPSCO generation; (2) moderate rate shock for the other
16 rate classes; and (3) ensure that rate design calculations are simple and
17 transparent.

18

1 **Q11. Please describe NIPSCO's Current Tariff.**

2 A11. NIPSCO's Current Tariff was approved by the Commission in its July 18,
3 2016 Order in Cause No. 44688 (the "44688 Order") except for specific tariff
4 sheets that have been updated and approved since that time.

5 **Q12. Please summarize the changes that were made to NIPSCO's Proposed**
6 **Tariff.**

7 A12. The service structure would remain the same for residential and
8 commercial customers, except for a proposed increase in fixed recovery by
9 increasing customer charges. NIPSCO is proposing a new industrial service
10 structure. The new industrial service structure is discussed in greater detail
11 by NIPSCO Witnesses Campbell and Kelly.

12 NIPSCO is also proposing to discontinue its Adjustment of Charges for
13 Environmental Cost Recovery Mechanism (Rider 772) ("ECR Rider") and
14 Interruptible Industrial Service (Rider 775).

15 The current rates have been updated to reflect NIPSCO's proposed revenue
16 requirement allocated to the rate classes through the current allocated cost
17 of service study and mitigation model. This is further discussed by
18 NIPSCO Witness Gaske.

1 NIPSCO is also proposing to update the series number of its rate schedules
2 from a currently-effective 700 Series to a proposed 800 Series. NIPSCO
3 traditionally changes the series numbering to avoid customer confusion
4 regarding which rate was in effect on a given date.

5 **Q13. Please describe NIPSCO's new industrial service structure.**

6 A13. NIPSCO is proposing new Rates 830 and 831 to replace current Rate 732
7 (Industrial Power Service), Rate 733 (High Load Factor Industrial Power
8 Service), and Rate 734 (Industrial Power Service for Air Separation &
9 Hydrogen Production Market Customers) utilized by our largest industrial
10 customers. Under the new rate structure in Rate 831, there is no longer a
11 need for the interruptible Rider 775 which the Company is proposing to
12 eliminate. Back-up and Maintenance Service is available to Rate 831
13 customers under revised Rider 876 and Back-up and Maintenance Service
14 is built into the rate structure under Rate 830. Riders 881 and 882 are still
15 available to these customers with minimal changes. NIPSCO Witnesses
16 Campbell and Kelly provide additional details on Rates 830 and 831.
17 NIPSCO Witness Campbell provides additional details on Riders 876, 881
18 and 882. I provide additional details on Rates 830 and 831 and Riders 876,
19 881 and 882 below.

1 **Q14. Please explain NIPSCO's proposal to discontinue the ECR Rider.**

2 A14. NIPSCO's current ECR Rider is applicable to all Rates and is filed semi-
3 annually to recover qualified pollution control property, clean coal
4 technology, and clean energy projects (collectively "Environmental
5 Compliance Projects"), as authorized by the Commission.¹ Since all of the
6 Environmental Compliance Projects are or will be in-service and thus rolled
7 into rate base in this case, NIPSCO is proposing to discontinue the ECR
8 Rider. Discontinuing the ECR Rider will have no significant change in
9 timing for NIPSCO or customers and relieves NIPSCO and its stakeholders
10 of the ECR semi-annual tracker filing.

11 **Q15. Is NIPSCO proposing to make changes to its Commercial spaceheating**
12 **rates?**

13 A15. No. NIPSCO discontinued its Residential spaceheating rates (Rate 611
14 Spaceheating and Rates 612 and 613) in their entirety in Cause No. 44688.
15 At that time, NIPSCO anticipated discontinuing its Commercial

¹ November 26, 2002 Order in Cause No. 42150, July 3, 2007 Order in Cause No. 43188, December 29, 2010 Order in Cause No. 43913, December 28, 2011 Phase I Order in Cause No. 44012, February 15, 2012 Phase II Order in Cause No. 44012, September 5, 2012 Phase III Order in Cause No. 44012, October 10, 2013 Order in Cause No. 44311, as well as various orders in NIPSCO's semi-annual tracker filings in Cause No. 42150-ECR-XX).

1 spaceheating rate (Rates 720 and 722) in this proceeding. However, because
2 of the additional complexity of discontinuing those rates, NIPSCO is not
3 proposing any changes in this proceeding.

4 **Q16. Please describe NIPSCO's Proposed Rates.**

5 A16. NIPSCO's Proposed Rates are summarized and described in table format
6 below. The specific details, terms and conditions, rules, etc., applicable to
7 each Rate are contained in Attachment 19-A.

Rate	Description
Rate 811	Residential
Rate 820	Commercial and General Service – Heat Pump
Rate 821	General Service – Small
Rate 822	Commercial Spaceheating
Rate 823	General Service – Medium
Rate 824	General Service – Large
Rate 825	Metal Melting Service
Rate 826	Off-Peak Service
Rate 830	Industrial Power Service - Small
Rate 831	Industrial Power Service - Large
Rate 841	Municipal Power
Rate 842	Intermittent Wastewater Pumping-Distributed Systems
Rate 844	Railroad Power Service
Rate 850	Street Lighting
Rate 855	Traffic and Directive Lighting
Rate 860	Dusk to Dawn Area Lighting
Rate 865	Renewable Feed-In Tariff

8

9

1 **Rate 811 – Rate for Electric Service, Residential (RS)**

2 Rate 811 is available to Residential and farm Customers. This rate consists
3 of a Customer Charge, an Energy Charge and applicable Riders. Other than
4 updated billing rates, Rate 811 continues substantially unchanged.

5 **Rate 820 – Rate for Electric Service, Commercial and General Service –**
6 **Heat Pump (CGSHP)**

7 Rate 820 is available to Commercial and General Service Customers. The
8 Customer must have had a Company accepted heat pump or other electric
9 energy efficient heating/cooling device as of the December 21, 2011 final
10 Order in Cause No. 43969, and operate that device as the primary
11 heating/cooling source for the structure. The device must be permanently
12 installed and the Customer shall utilize the device and/or associated
13 appliance for both heating and cooling the same space. For customers
14 converting from electric space heating to natural gas, upon suitable
15 verification acceptable to the Company, NIPSCO provides a one-time credit
16 of \$25.00 per permanently installed space heating unit. This rate consists of
17 a Customer Charge, an Energy Charge and applicable Riders. Other than
18 updated billing rates, Rate 820 continues substantially unchanged.

19

1 **Rate 821 – Rate for Electric Service, General Service Small (GSS)**

2 Rate 821 is available to General Service Customers who are located on the
3 Company's Distribution Lines. This rate consists of a Customer Charge, an
4 Energy Charge and applicable Riders. Other than updated billing rates,
5 Rate 821 continues substantially unchanged.

6 **Rate 822 – Rate for Electric Service, Commercial Spaceheating (CSH)**

7 Rate 822 is available to Commercial Customers as of the December 21, 2011
8 final Order in Cause No. 43969, who have arranged the wiring for
9 permanently installed space heating equipment and for both heating and
10 cooling the same space. For customers converting from electric space
11 heating to natural gas, upon suitable verification acceptable to the
12 Company, NIPSCO provides a one-time credit of \$25.00 per permanently
13 installed space heating unit. This rate consists of a Customer Charge, an
14 Energy Charge and applicable Riders. Other than updated billing rates,
15 Rate 822 continues substantially unchanged.

16 **Rate 823 – Rate for Electric Service, General Service - Medium (GSM)**

17 Rate 823 is available to General Service Customers who are located on the
18 Company's Distribution Lines. This rate consists of a Demand Charge, an
19 Energy Charge and applicable Riders. Other than updated billing rates,

1 Rate 823 continues substantially unchanged.

2 **Rate 824 – Rate for Electric Service, General Service - Large (GSL)**

3 Rate 824 is available to General Service Customers and is a demand and
4 energy metered rate and is available to customers with demand less than
5 25,000 kW. This rate consists of a Demand Charge, an Energy Charge and
6 applicable Riders. The contract requirement for Customers choosing less
7 than 3,000 kW of Demand has been removed. Other than updated billing
8 rates, Rate 824 continues substantially unchanged.

9 **Rate 825 – Rate for Electric Service, Metal Melting Service (MMS)**

10 Rate 825 is limited to Industrial Customers with metal melting and/or
11 holding equipment and a maximum thirty (30) minute on-peak demand for
12 a billing period that is less than 50% of the maximum thirty (30) minute off-
13 peak demand for that same billing period and is located adjacent to existing
14 electric facilities adequate to meet the customer's requirements. A
15 Customer requesting service under this rate is required to contract for a
16 specific amount of electrical capacity which shall be not less than 500
17 kilowatts. The Company shall not supply demand in excess of 12,000
18 kilowatts under this rate. The Company shall not be obligated to supply
19 capacity in excess of that specified in the contract. The only change to this

1 Rate is the removal of interruptible and curtailment language. This rate
2 consists of a Demand Charge, an Energy Charge and applicable Riders.
3 Other than updated billing rates, Rate 825 continues substantially
4 unchanged.

5 **Rate 826 – Rate for Electric Service, Off-Peak Service (OPS)**

6 Rate 826 is available to Non-Residential Customers. Service under this rate
7 shall not be less than 200 kW of electrical capacity. The Company shall not
8 supply demand in excess of 15,000 kilowatts under this rate. This rate
9 consists of a Demand Charge, an Energy Charge and applicable Riders. The
10 contract requirement has been removed. Other than updated billing rates,
11 Rate 826 continues substantially unchanged.

12 **Rate 830 – Rate for Electric Service, Industrial Power Service – Small**

13 Rate 830 is available to Industrial Customers taking service at Transmission
14 or Subtransmission voltage whose plants are located adjacent to existing
15 electric facilities having Transmission or Subtransmission capacity
16 sufficient to meet the Customer's requirements. The Customer shall
17 contract for a definite amount of electrical capacity which shall be more
18 than 10,000 kW and not exceed 25,000 kW. Those Premises being served
19 under Rate 732 or 733 on October 31, 2018 that satisfy the maximum

1 capacity limitation may elect to be grandfathered into this rate.

2 Customers taking Back-up, Maintenance and Temporary Services under
3 this rate shall be subject to Curtailments when curtailment of the
4 Company's Customers under Rate 831 is insufficient. This rate consists of
5 a Demand Charge, an Energy Charge and applicable Riders (except for
6 Buy-Through Energy under Temporary Service or Back-up Service). This
7 rate is further discussed by NIPSCO Witnesses Campbell and Kelly.

8 **Rate 831 – Rate for Electric Service, Industrial Power Service – Large**

9 Rate 831 is available to Industrial Customers taking service at Transmission
10 or Subtransmission voltage whose Premises are located adjacent to existing
11 electric facilities having Transmission or Subtransmission capacity
12 sufficient to meet the Customer's requirements. Customer shall contract for
13 a definite amount of electrical demand which shall not be less than 10,000
14 kW for a five-year term. Rate 831 has three (3) tiers of service, (1) Tier 1;
15 Firm Service, (2) Tier 2; Non-Firm Market Price Service, and (3) Tier 3; Non-
16 Firm Third Party Generation Service. Customers must demonstrate or
17 document, to the Company's satisfaction, the ability to reduce demand to
18 the Tier 1 elected level plus additional firm capacity procured, as allowed,
19 under Tier 2 and Tier 3. If a Customer's elected service results in curtailable

1 demand under Tier 2 and Tier 3, the Customer shall provide information
2 necessary to satisfy these requirements, including information
3 demonstrating to Company's satisfaction, that the Customer has the ability
4 to reduce load to any firm capacity within Tier 1, Tier 2, and Tier 3. This
5 rate consists of a Demand Charge (Tier 1), an Energy Charge (Tier 1), a
6 Transmission Charge (Tier 1, Tier 2, and Tier 3), an Adjacent Affiliate
7 Qualifying Facility Premise Transmission Charge (Tier 1, Tier 2, and Tier 3),
8 and applicable Riders. This rate is further discussed by NIPSCO Witnesses
9 Campbell and Kelly.

10 **Rate 841 – Rate for Electric Service, Municipal Power (MP)**

11 Rate 841 is available to Municipalities, the Indiana Department of Natural
12 Resources, and to corporations or persons operating under exclusive
13 franchise in furnishing water service at retail within a municipality for
14 electric power service for water pumping purposes. This rate is comprised
15 of an energy rate or minimum charge and applicable Riders. The contract
16 requirement has been removed and replaced with a rate release form that
17 will contain the information required to calculate the minimum bill. Other
18 than updated billing rates, Rate 841 continues substantially unchanged.

19

1 **Rate 842 – Rate for Electric Service, Intermittent Wastewater Pumping-**
2 **Distributed Systems (IWPDS)**

3 Rate 842 is available to private or governmental entities to provide power
4 to systems for the pumping and removal of residential and small
5 commercial sewage water and waste at multiple locations to a central waste
6 water treatment facility. Rate 842 is an unmetered service and for billing
7 purposes, NIPSCO charges the applicable trackers based upon an estimated
8 usage of 8 kWh per month for residential pumps and 9.5 kWh per month
9 for commercial pumps. This rate is comprised of a Customer Charge plus
10 a rate for un-metered service and applicable Riders. The contract
11 requirement has been removed. Other than updated billing rates, Rate 842
12 continues substantially unchanged.

13 **Rate 844 – Rate for Electric Service, Railroad Power Service (RR)**

14 Rate 844 is available only to existing railroads or to a non-profit commuter
15 transportation district operating said railroads. Electricity will be supplied
16 for the operation of trains on a continuous electrified right-of-way of the
17 Customer. This rate is comprised of a Demand Charge, an Energy Charge
18 and applicable Riders. A contract requirement has been added. Other than
19 updated billing rates, Rate 844 continues substantially unchanged.

1 **Rate 850 – Rate for Electric Service, Street Lighting (SL)**

2 Rate 850 is available for street, highway and billboard lighting service to
3 Customers for lighting systems located on electric supply lines of the
4 Company. Billing is based upon type, ownership and responsible
5 maintaining party of the lighting fixture. This rate is comprised of a Lamp
6 Charge, an Energy Charge and applicable Riders. Other than updated
7 billing rates, Rate 850 continues substantially unchanged.

8 While NIPSCO is not proposing any changes to the structure of this rate,
9 communities that are currently receiving subsidies from NIPSCO's TDSIC
10 rates will stop receiving those subsidies once NIPSCO's new base rates are
11 approved. In this proceeding, NIPSCO is proposing to roll the Electric
12 TDSIC tracker rate base as of December 31, 2019 into the revenue
13 requirement. Because of this, NIPSCO is proposing that all customers
14 served under the TDSIC program as of December 31, 2019 will move to its
15 standard street lighting program. For those customers that have LED street
16 lighting TDSIC replacement installations completed on or after January 1,
17 2020,² NIPSCO is not proposing any changes. That is, they would be

² NIPSCO currently estimates that 19,000 LED street light installations will be completed on

1 charged under the proposed TDSIC installed LED rates.

2 **Rate 855 – Rate for Electric Service, Traffic and Directive Lighting (TDL)**

3 Rate 855 is available to any Customer for electric Energy for non-metered
4 traffic directive lights located on the Company's electric supply lines. This
5 rate is comprised of a Service Drop Charge, an Energy Charge and
6 applicable Riders. Other than updated billing rates, Rate 855 continues
7 substantially unchanged

8 **Rate 860 – Rate for Electric Service, Dusk to Dawn Area Lighting (DDAL)**

9 Rate 860 is available for dusk to dawn area lighting service to Customers
10 for Company-owned lighting systems located on electric supply lines of the
11 Company. This rate is comprised of a Lamp Charge, Equipment Charge,
12 an Energy Charge and applicable Riders. Other than updated billing rates,
13 Rate 860 continues substantially unchanged.

14 **Rate 865 – Renewable Feed-In Tariff (FIT)**

15 Rate 865 is a voluntary offer available to any Customer that operates within
16 the Company's service territory a Qualifying Renewable Energy Power

or after January 1, 2020.

1 Production Facility. The energy purchases will be made up of an energy
2 payment for all technologies and a capacity payment for biomass. Rate 865
3 continues substantially unchanged.

4 **Q17. Is NIPSCO proposing to discontinue any of its current rates?**

5 A17. Yes. NIPSCO is proposing to discontinue Rates 732, 733, and 734.
6 Customers currently taking service under these rates will take service in the
7 future under the new Rates 830 and 831 described above.

8 **Q18. Does this complete your general discussion of the Proposed Rates?**

9 A18. Yes.

10 **Q19. Please describe NIPSCO's Proposed Riders.**

11 A19. NIPSCO's Proposed Riders are summarized and described in table format
12 below. The specific details applicable to each Rider are contained in
13 Attachment 19-A. The Proposed Riders apply to specific Proposed Rates.
14 The Proposed Tariff also includes Appendix A – Applicable Riders, which
15 lists the Riders and shows to which Rates they apply. NIPSCO Witness
16 Shikany discusses updates that will be made to the Riders upon the
17 implementation of new rates in this proceeding.

Rider	Description
Rider 870	Adjustment of Charges for Cost of Fuel Rider
Rider 871	Adjustment of Charges for Regional Transmission Organization
Rider 874	Adjustment of Charges for Resource Adequacy
Rider 876	Backup and Maintenance Industrial Service
Rider 877	Economic Development Rider
Rider 878	Purchases from Cogeneration and Small Power Production Facilities
Rider 879	Interconnection Standards
Rider 880	Net Metering
Rider 881	Demand Response Resource Type (DRR-1) Energy Only
Rider 882	Emergency Demand Response Resource (EDR) – Energy Only
Rider 883	Adjustment of Charges for Demand Side Management Adjustment Factors
Rider 886	Green Power
Rider 887	Adjustment of Charges for Federally Mandated Costs
Rider 888	Adjustment of Charges for Transmission, Distribution and Storage System Improvement Charge

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Rider 870 – Adjustment of Charges for Cost of Fuel Rider (FAC)

Rider 870 has been updated with the average cost of fuel in base rates in this proceeding. The test year fuel costs were included in the Allocated Cost of Service Study model and allocated by energy at the generator. This is further discussed by NIPSCO Witness Gaske. Due to the elimination of Rider 775, 25% of costs associated with credits paid for interruptible and / or curtailable load under Rider 775 will no longer be passed through this Rider. NIPSCO is also proposing to separately state the Utilities Receipts

1 Tax on customer bills instead of including it in the calculation of the factors
2 in this Rider. This is further discussed by NIPSCO Witnesses Shikany and
3 McCuen. The Fuel Cost Charge is shown in Appendix B.

4 **Rider 871 – Adjustment of Charges for Regional Transmission**
5 **Organization (RTO)**

6 Rider 871 is a semi-annual mechanism to recover net non-fuel MISO costs
7 and revenues above and below \$16,585,108 on an annual basis and 50%
8 sharing of off-system sales margins over and under \$4,741,390 on an annual
9 basis. In this proceeding, NIPSCO is proposing to fully track MISO non-
10 fuel costs (net of revenues) and recover the costs through the RTO. NIPSCO
11 is also proposing to reset the off-system sales and back-up and maintenance
12 margin credits in base rates to zero and credit 100% of margins annually.
13 This is further discussed by NIPSCO Witness Campbell. NIPSCO is also
14 proposing to separately state the Utilities Receipts Tax on customer bills
15 instead of including it in the calculation of the factors in this Rider. This is
16 further discussed by NIPSCO Witnesses Shikany and McCuen. The
17 production and energy allocators utilized for purposes of allocating the
18 costs inside of this Rider will be updated based upon the Allocated Cost of
19 Service Study. The RTO Adjustment Factors are shown in Appendix C.

1 **Rider 874 – Adjustment of Charges for Resource Adequacy (RA)**

2 Rider 874 is a semi-annual mechanism to recover the cost of capacity
3 purchases and sales and 75% of costs associated with credits paid for
4 interruptible load. Due to the elimination of Rider 775, 75% of costs
5 associated with credits paid for interruptible load under Rider 775 will no
6 longer be passed through this Rider. NIPSCO is also proposing to
7 separately state the Utilities Receipts Tax on customer bills instead of
8 including it in the calculation of the factors in this Rider. This is further
9 discussed by NIPSCO Witnesses Shikany and McCuen. The production
10 and energy allocators utilized for purposes of allocating the costs inside of
11 this Rider will be updated based upon the Allocated Cost of Service Study.
12 The RA Adjustment Factors are shown in Appendix F.

13 **Rider 876 – Back-Up and Maintenance Industrial Service Rider (BMIS)**

14 This Rider is only available to Customers taking service under Rate 831 who
15 desire to take service subject to Curtailments from the Company for Back-
16 up or Maintenance purposes. Nothing in this Rider excuses the Customer
17 from its Rate 831 Tier 2 and Tier 3 Curtailment obligations or the penalties
18 associated with failing to meet those obligations. Back-up and Maintenance
19 Services under this Rider shall be subject to Curtailments when Curtailment

1 under Rate 831 is insufficient. Energy under this Rider shall be subject to
2 other Riders as identified on Appendix A. Customers taking service under
3 this Rider shall operate their cogeneration facilities to meet their demand in
4 excess of the sum of their Rate 831 Tier 1, Tier 2 and Tier 3 Contract
5 Demands except when their cogeneration facilities are experiencing a
6 forced outage or derate, or when the Customer is taking confirmed
7 Maintenance Service under this Rider. This is further discussed by NIPSCO
8 Witness Campbell. A contract is required for Back-up Service under this
9 Rider. The billing rates have been updated.

10 **Rider 877 – Economic Development Rider (EDR)**

11 Rider 877 is available to Non-Residential Customers requesting new or
12 increased service requirements that result in increased employment
13 opportunities, which are new to the State of Indiana upon demonstrating
14 the fulfillment of certain new production, increased load and other
15 economic-related characteristics that would otherwise have not occurred
16 absent the availability of the Rider. A contract is required for service under
17 this Rider. Rider 877 continues substantially unchanged.

18

1 **Rider 878 – Purchases From Cogeneration and Small Power Production**
2 **Facilities (COG)**

3 Rider 878 is available to a Qualifying Facility, as defined in the Rules. A
4 contract is required between the Company and each Qualifying Facility,
5 setting forth all terms and conditions governing the purchase of electric
6 power. Rider 878 continues substantially unchanged.

7 **Rider 879 – Interconnection Standards (IS)**

8 Rider 879 is provided in accordance with the applicable standards, rules
9 and regulations of the Commission's Rules as specified in the Indiana
10 Administrative Code. Rider 879 continues substantially unchanged.

11 **Rider 880 – Net Metering (NM)**

12 Rider 880 is provided in compliance with Indiana Code § 8-1-40-10 and
13 applicable Commission Rules. Rider 880 continues substantially
14 unchanged.

15 **Rider 881 – Demand Response Resource Type 1 (DRR-1) – Energy Only**
16 **(DRR 1)**

17 Rider 881 is available to Customers taking service under Rates 823, 824, 825,
18 826, 830, or 831 who have sustained ability to reduce energy requirements
19 through indirect participation in the MISO wholesale energy market by
20 managing electric usage as described by MISO. This Rider is available to

1 any load that is participating in Rate 831 and registered as a Load
2 Modifying Resource; unless MISO rules change and do not permit load
3 used by the Company as a Load Modifying Resource to also participate as
4 a Demand Response Resource; provided, however, load may not
5 participate as a Demand Response Resource if such participation would be
6 inconsistent with the provisions of Rate 830 or 831. The Customer shall
7 enter into a written contract with the Company to reduce a portion of its
8 electric load for single or multiple Interval Data Recorder meters through
9 participation with the Company acting as the Market Participant for the
10 Customer. Customer shall be either an Asset Owner (AO), Non-Asset
11 Owner (NAO), or Aggregator of Retail Customers (ARC). Changes were
12 made to better align with proposed Rate 830 and Rate 831. NIPSCO also has
13 removed the Marginal Forgone Retail Rate ("MFRR") provisions within the
14 Rider to better align with MISO's treatment of demand response resources
15 and to reduce potential barriers to customer participation. This is further
16 discussed by NIPSCO Witness Campbell.

17 **Rider 882 – Emergency Demand Response Resource (EDR) – Energy Only**
18 **(EDR-1)**

19 Rider 882 is available to Customers taking service under Rates 823, 824, 825,

1 826, 830, or 831 who have a sustained ability to reduce energy requirements
2 through indirect participation in MISO wholesale energy market by
3 managing electric usage as described by MISO. This Rider is available to
4 any load that is participating in Rate 831 and registered as a Load
5 Modifying Resource; unless MISO rules change and do not permit load
6 used by the Company as a Load Modifying Resource to also participate as
7 an Emergency Demand Response Resource; provided, however, load may
8 not participate as a Demand Response Resource if such participation would
9 be inconsistent with the provisions of Rate 830 or 831. The Customer shall
10 enter into a written contract with the Company to reduce a portion of its
11 electric load for single or multiple Interval Data Recorder meters through
12 participation with the Company acting as the Market Participant for the
13 Customer. Customers who do not qualify as a Load Modifying Resource
14 may, however, participate as an EDR with any load. Customers taking
15 service under this Rider shall not take power under the temporary, surplus
16 power, back-up and maintenance services during an event under this Rider.
17 Customer shall be either an Asset Owner (AO), Non-Asset Owner (NAO),
18 or Aggregator of Retail Customers (ARC). Changes were made to better
19 align with proposed Rate 830 and Rate 831. NIPSCO also has removed the

1 Marginal Forgone Retail Rate ("MFRR") provisions within the Rider to
2 better align with MISO's treatment of demand response resources and to
3 reduce potential barriers to customer participation. This is further
4 discussed by NIPSCO Witness Campbell.

5 **Rider 883 – Adjustment of Charges for Demand-Side Management**
6 **Adjustment Mechanism (DSMA)**

7 Rider 883 is an annual mechanism to recover costs, including lost revenue
8 and financial incentives, applicable to Demand Side Management ("DSM")
9 programs. Rider 883 was updated to remove information relating to prior
10 year Opt Outs (2014) that were no longer required. NIPSCO is proposing
11 to separately state the Utilities Receipts Tax on customer bills instead of
12 including it in the calculation of the factors in this Rider. This is further
13 discussed by NIPSCO Witnesses Shikany and McCuen. The DSMA Factors
14 are shown in Appendix G. Rider 883 continues substantially unchanged.

15 **Rider 886 – Green Power Rider (GPR)**

16 Rider 886 provides Customers with the option to designate a specific
17 percentage of their energy consumption as associated with Green Power.
18 Customers pay a surcharge for energy consumption associated with Green
19 Power. NIPSCO is proposing to separately state the Utilities Receipts Tax

1 on customer bills instead of including it in the calculation of the factors in
2 this Rider. This is further discussed by NIPSCO Witnesses Shikany and
3 McCuen. The Green Power Rider Rates are shown in Appendix H. Rider
4 886 continues substantially unchanged.

5 **Rider 887 – Adjustment of Charges for Federally Mandated Costs**
6 **(FMCA)**

7 Rider 887 is a semi-annual mechanism to recover federally mandated costs
8 associated with a Commission-approved Certificate of Public Convenience
9 and Necessity (CPCN) pursuant to Ind. Code § 8-1-8.4 *et al.* and incurred in
10 connection with approved federally mandated compliance projects. The
11 production and energy allocators utilized for purposes of allocating the
12 costs inside of this Rider will be updated based upon the Allocated Cost of
13 Service Study. NIPSCO is proposing to separately state the Utilities
14 Receipts Tax on customer bills instead of including it in the calculation of
15 the factors in this Rider. This is further discussed by NIPSCO Witnesses
16 Shikany and McCuen. The FMCA Factors are shown in Appendix I. Rider
17 887 continues substantially unchanged.

18 **Rider 888 – Adjustment of Charges for Transmission, Distribution and**
19 **Storage System Improvement Charge (TDSIC)**

20 Rider 888 is a semi-annual mechanism to recover costs incurred in

1 connection with approved Transmission, Distribution and Storage System
2 Improvements. The production and energy allocators utilized for purposes
3 of allocating the costs inside of this Rider will be updated based upon the
4 Allocated Cost of Service Study. NIPSCO is proposing to separately state
5 the Utilities Receipts Tax on customer bills instead of including it in the
6 calculation of the factors in this Rider. This is further discussed by NIPSCO
7 Witnesses Shikany and McCuen. The TDSIC Factors are shown in
8 Appendix J. Rider 888 continues substantially unchanged.

9 **Q20. Is NIPSCO proposing to discontinue any of its current Riders?**

10 A20. Yes. As noted above, NIPSCO is proposing to discontinue the following
11 two (2) riders:³

12 **Rider 772 – Adjustment of Charges for Environmental Cost Recovery**
13 **Mechanism (ECRM)**

14 NIPSCO's current ECR Rider is a semi-annual tracker to recover qualified

³ Rider 785 – Plug-In Electric Vehicle Off-Peak Charging Rider (Pilot Program (PEV) is available to residential Customers exclusively for charging licensed plug-in electric vehicles ("PEVs"). On January 11, 2017 in Cause No. 44828, the Commission approved NIPSCO's request for a modification of its EV Program to provide that participants of record as of January 31, 2017 would be subject to an energy charge of \$0.070894 per kilowatt hour for all kilowatt hours used per month in the PEV Off-Peak Hours, plus all applicable Riders, for a period of 23 months (December 31, 2018). This Rider is set to expire on December 31, 2018.

1 pollution control property, clean coal technology, and clean energy projects
2 (collectively "Environmental Compliance Projects"), as authorized by the
3 Commission.⁴ Since all of the Environmental Compliance Projects are or
4 will be in-service and thus rolled into rate base in this case, NIPSCO is
5 proposing to discontinue the ECR Rider. Discontinuing the ECR Rider will
6 have no significant change in timing for NIPSCO or customers and relieves
7 NIPSCO and its stakeholders of the ECR semi-annual tracker filing.
8 NIPSCO Witness Shikany provides additional information relating to the
9 elimination of Rider 772.

10 **Rider 775 –Interruptible Industrial Service Rider (IIS)**

11 NIPSCO's current Rider 775 is available to Customers taking service under
12 either Rate 732, 733 or 734 who have the ability to interrupt and/or curtail
13 electric demand. NIPSCO offers four levels of interruptible and curtailable
14 service. Interruptions are done on an economic basis while curtailment is
15 done in regard to electric system reliability. A customer can continue to

⁴ November 26, 2002 Order in Cause No. 42150, July 3, 2007 Order in Cause No. 43188, December 29, 2010 Order in Cause No. 43913, December 28, 2011 Phase I Order in Cause No. 44012, February 15, 2012 Phase II Order in Cause No. 44012, September 5, 2012 Phase III Order in Cause No. 44012, October 10, 2013 Order in Cause No. 44311, as well as various orders in NIPSCO's semi-annual tracker filings in Cause No. 42150-ECR-XX).

1 receive service upon being interrupted, but is billed at the MISO Locational
2 Marginal Price ("LMP") at the NIPSCO load node. Under the proposed
3 Rate 831 (which includes market signals) the Customer has the ability to
4 self-interrupt. This Rider is no longer required. NIPSCO Witness Campbell
5 provides additional details on the interruption availability under Rate 831.

6 **Q21. Does this complete your general discussion of NIPSCO's Proposed**
7 **Riders?**

8 A21. Yes.

9 **Q22. Please summarize the objectives of the changes to NIPSCO's Proposed**
10 **Rules.**

11 A22. The Proposed Rules are applicable to the Proposed Rates and Proposed
12 Riders described above, and the changes are intended to clarify, simplify
13 and standardize the overall rules and subject matter as contained therein.

14 **Q23. Please describe NIPSCO's Proposed Rules.**

15 A23. NIPSCO's Proposed Rules are described in table format below. The actual
16 specific details, terms and conditions, rules, regulations, subject, etc.,
17 applicable to the Rules are contained in Attachment 19-A.

18

Rule	Description
1	Definitions
2	Tariff on File
3	Character of Service
4	Application, Service Request or Contract
5	Predication of Rates and Rate Schedules Selection
6	Service Extensions and Modifications
7	Customer Installation
8	Equipment on Customer's Premise
9	Metering
10	Deposit to Insure Payment of Bills
11	Rendering and Payment of Bills
12	Disconnection and Reconnection of Service
13	Service Interruptions and Curtailments
14	Limitations of Liability, Indemnification and Insurance
15	Miscellaneous and Non-Recurring Charges

1

2 The majority of the changes in the Proposed Rules relate to the addition of
3 definitions that are needed relating to the addition of Rate 831.

4 **Q24. Does this complete your general discussion of NIPSCO's Proposed**
5 **Rules?**

6 A24. Yes.

7 **Q25. Please describe Attachment 19-B.**

8 A25. Attachment 19-B is NIPSCO's proposed standard electric contract for
9 service. The agreement has been revised to (1) update the applicable rates,
10 (2) incorporate information required under Rate 831, (3) remove

1 information previously required under Rider 775, (4) include Rate 830
2 under Back-Up Service, and (5) add a notice and correspondence
3 information.

4 **Pro Forma Adjustments**

5 **Q26. Please describe Attachment 19-C.**

6 A26. Attachment 19-C is a summary of billing determinants for the Historic Base
7 Period (the period beginning January 1, 2017 and ending December 31,
8 2017), the 2018 Budget Year (the period beginning January 1, 2018 and
9 ending December 31, 2018) and Forward Test Year (the period beginning
10 January 1, 2019 and ending December 31, 2019). Page 1 is a summary of
11 bills which, depending upon the rate, are by number of bills, demand (kW),
12 horsepower (HP), or number of lamps. Page 2 is a summary of energy
13 usage (kWh) by rate and by block with the exception of Rate 742 which is
14 by number of pumps. Both pages have a similar format organized as
15 follows:

16

Column	Description
A	Rate Schedule Description
B	Billing Determinants for Historic Base Year
C	2017 Weather Normalization Adjustment (REV 1A-17)
D	2017 Large Customer Migration Adjustment (REV 1D-17)
E	2017 Normalized Billing Determinants
F	2018 Budget Year Change
G	2018 Budget Year Billing Determinants
H	2019 Budget Change to Forward Test Year
I	2019 Budget Year Billing Determinants
J	Customer Migration and Annualization Adjustments (REV 1D-19R and REV 1E-19R)
K	2019 Weather Normalization Ratemaking Adjustment (REV 1A-19R)
L	Streetlighting and Intermittent Wastewater Pumping Adjustments (REV 1G-19R and REV 1H-19R)
M	2019 Projected Billing Determinants
N	DSM Lost Margin Adjustment (REV 7-19R)
O	Industrial Fuel New Service Structure Adjustment (REV 1A-19SS)
P	2019 Rate Design

1

2 These 2019 adjusted projected billing determinants were utilized for the
3 development of the proposed rate design in this proceeding. Details on the
4 Billing Determinants for the proposed Rates 830 and 831 are described
5 below.

6 **Q27. Please explain Adjustment Rev 1A-17 and FP 1A-17 on Petitioner's**
7 **Exhibit No. 4, Attachment 4-C-S2.**

8 A27. NIPSCO proposes to increase test year operating revenue levels by
9 \$5,966,365 to reflect a normalized level of revenue at NIPSCO's tariff rates.

10 NIPSCO Witness Efland provided the monthly weather normalization

1 energy adjustment by rate. The revenue adjustment is the total of each tariff
2 rates monthly energy multiplied by the rate specific energy charge adjusted
3 for an annualized test year fuel rate. A related adjustment was made to
4 increase Historic Base Period electric fuel and purchased power expense in
5 the amount of \$1,784,892 to normalize fuel expense in Adjustment FP 1A-
6 17. Details of this adjustment can be found in Petitioner's Confidential
7 Exhibit No. 20-S2.

8 **Q28. Please explain Adjustment Rev 1B-17 on Petitioner's Exhibit No. 4,**
9 **Attachment 4-C-S2.**

10 A28. NIPSCO proposes to decrease Historic Base Period electric operating
11 revenues in the amount of \$44,239,220 to normalize 2017 revenues for the
12 Tax Cuts and Jobs Act. If this adjustment is not included, Forward Test
13 Year electric operating revenues would be overstated. Details of this
14 adjustment can be found in Petitioner's Confidential Exhibit No. 20-S2.

15 **Q29. Please explain Adjustment Rev 1C-17 on Petitioner's Exhibit No. 4,**
16 **Attachment 4-C-S2.**

17 A29. NIPSCO proposes to increase Historic Base Period electric operating
18 revenues in the amount of \$119,842 to normalize 2017 revenues for removal

1 of the following prior period adjustments. One customer was overcharged
2 for back-up service kWh during the period of March 2015 to October 2016.
3 Another customer was charged a bank fee which was reversed. If this
4 adjustment is not included, Historic Base Period electric operating revenues
5 would be understated. Details of this adjustment can be found in
6 Petitioner's Confidential Exhibit No. 20-S2.

7 **Q30. Please explain Adjustment Rev 1D-17 and FP 1B-17 on Petitioner's**
8 **Exhibit No. 4, Attachment 3-C-S2, REV 1.**

9 A30. NIPSCO proposes to decrease Historic Base Period electric operating
10 revenues in the amount of \$352,249 for large customer rate migration in
11 order to match migrations included in the budget for the twelve months
12 ending December 31, 2018 and 2019. If this adjustment is not included,
13 Historic Base Period electric operating revenues would be overstated. A
14 related adjustment was made to decrease Historic Base Period electric fuel
15 and purchased power expense in the amount of \$4,707 in Adjustment FP
16 1B-17. Details of this adjustment can be found in Petitioner's Confidential
17 Exhibit No. 20-S2.

18

1 **Q31. Please explain Adjustment Rev 1A-19R and FP 1A-19R on Petitioner's**
2 **Exhibit No. 4, Attachment 4-C-S2, REV 1 and FP 1.**

3 A31. NIPSCO proposes to decrease Forward Test Year electric operating
4 revenues in the amount of \$933,450 to normalize weather by converting the
5 budget weather normal definition for CDD and HDD of 35-years ended
6 2010 to the regulatory 30-years ended 2017 definition for CDD and HDD,
7 which is consistent with past ratemaking practice. If this adjustment is not
8 included, Forward Test Year electric operating revenues would be
9 overstated. A related adjustment was made to decrease Forward Test Year
10 fuel and purchased power expense in the amount of \$246,628 in Adjustment
11 FP 1A-19R. Details of these adjustments can be found in Petitioner's
12 Confidential Exhibit No. 20-S2.

13 **Q32. Please explain Adjustment Rev 1B-19R on Petitioner's Exhibit No. 4,**
14 **Attachment 4-C-S2, REV 1.**

15 A32. Adjustment REV 1B-19R is to increase Forward Test Year electric operating
16 revenues in the amount of \$27,807 to reflect the Tax Cuts and Jobs Act. This
17 is to update preliminary adjustment factor in the budget to current
18 adjustment factor. If this adjustment is not included, Forward Test Year

1 electric operating revenues would be understated. Details of these
2 adjustments can be found in Petitioner's Confidential Exhibit No. 20-S2.

3 **Q33. Please explain Adjustment Rev 1C-19R and FP 1C-19R on Petitioner's**
4 **Exhibit No. 4, Attachment 4-C-S2, REV 1 and FP 1.**

5 A33. NIPSCO proposes to decrease Forward Test Year electric operating
6 revenues in the amount of \$45,845,611 to update the pricing model utilized
7 in the budget process. When NIPSCO modeled the anticipated change in
8 industrial customer usage described in Adjustments Rev 1D-19R and Rev
9 1A-19SS, NIPSCO updated the PROMOD inputs utilized to determine the
10 volumes generated at each station. NIPSCO Witness Campbell discusses
11 the PROMOD modeling process. This resulted in changes in revenues, fuel
12 costs, fuel handling expense, variable chemicals, and coal inventory. If this
13 adjustment is not included, Forward Test Year electric operating revenues
14 would be overstated. A corresponding adjustment was to decrease
15 Forward Test Year fuel and purchased power expense in the amount of
16 \$45,845,611 in Adjustment FP 1C-19R. Details of these adjustments can be
17 found in Petitioner's Confidential Exhibit No. 20-S2.

18

1 **Q34. Please describe the customer migrations.**

2 A34. There were three sets of migrations for this case: 2017 Large Customers,
3 2019 Large Customers, and 2019 Small Customers.

4 **2017 Large Customers**

5 Three customers migrated from a General Service rate to a large industrial
6 rate in 2017. The pro-forma adjustment for these customer migrations were
7 made to the 2017 billing determinants and margins. Two were on a General
8 Service rate in January 2017 only; one was on a General Service rate from
9 January through August 2017.

10 **2019 Large Customers**

11 Three customers migrated between rates in 2018. The pro-forma
12 adjustment for these customer migrations were made to the 2019 billing
13 determinants and margins. One customer had been forecasted correctly in
14 a large industrial Rate, but was still listed in the Financial Plan in their
15 former General Service rate. The margin and fuel for this customer in the
16 Financial Plan had actually been calculated based on the new rate, so only
17 the billing determinants and dollars were migrated – no new calculations
18 needed to be done. The second customer aggregated with a customer
19 already on a large industrial rate, so their billing determinants and dollars

1 were migrated out of their old, General Service rate but not migrated into
2 their new rate since they were not actually going to be adding load to the
3 new customer's billing determinants. The third customer forecasted a large
4 and dramatic reduction in their load, so although they are remaining on the
5 same large industrial rate, the reduction in load (billing determinants and
6 margin/fuel) was accounted for within that rate.

7 **2019 Small Customers**

8 There were 69 customers who migrated amongst the smaller rates in 2017.
9 The pro-forma adjustment for these customer migrations were made to the
10 2019 billing determinants and margins. Although migrations amongst the
11 smaller customers are not normally tracked for a rate case, in this case there
12 were 14 customers who migrated out of Rate 726 – Off-Peak Service (with
13 12,701,672 annual kWh), but 30 who migrated into that rate (with 47,281,323
14 annual kWh). As this is one of NIPSCO's smaller rate class populations
15 (approximately 224 customers, with 1,239,452,539 annual kWh), it was
16 deemed important to track these migrations for this particular rate case so
17 that the rate class allocations would not be too skewed. The net energy
18 migration into Rate 726 was nearly 3% of the total usage for the rate class.

19

1 **Q35. Please explain how these customers were migrated?**

2 A35. As shown in Petitioner's Confidential Exhibit No. 20-S2 (Workpapers REV
3 1D-17, 1D-19R, and 1E-19R), customers that migrated in 2017 were
4 migrated for a partial year and customers that migrated in 2018 were
5 migrated for the entire year. Billing determinants under the original rate
6 were used to calculate revenues on the proposed rate. The original
7 revenues were removed from the original rate class and the calculated
8 proposed revenues were added to the rate class that the customer migrated
9 to. All these revenues are summed for each rate class, resulting in total
10 migrated revenue reductions or increases for each rate class as well as a net
11 migration revenue increase.

12 For the small customer migrations, five of the 69 customers did not enter a
13 new rate, but instead ceased service, therefore becoming "lost customers".
14 Migrated kWh did not net to zero, in part because of the lost customers, but
15 also in part because Rates 724 and 726 offer primary metering discounts,
16 subtracting 3% (Rate 724) or 1% (Rate 726) from the metered kWh before
17 billing. For the 2017 large customer migrations, migrated energy netted to
18 zero. For the 2019 large customer migrations, migrated energy did not net
19 to zero, because of the forecasted load reduction by one customer, and by

1 the second customer being moved out of the old, General Service rate but
2 not into a large industrial rate.

3 **2017 Large Customers**

4 Calculations are shown by individual customer (pages .4 through .7) and
5 are pulled together by rate in All Rates Summary (Page .3). These in turn
6 are summarized into Detail, by Rate (Page .2), which then becomes the
7 Adjustment REV 1D-17.

8 **2019 Large Customers**

9 Calculations are shown by individual customer (page .4 and are pulled
10 together in the All Rates Summary by rate (Page .3). These are then
11 summarized into Detail, by rate (Page .2), which then becomes the
12 Adjustment REV 1D-19R.

13 **2019 Small Customers**

14 Calculations are shown by individual customer (pages .5 and .6) and are
15 pulled together in the detailed migration summary by customer (Page .4)
16 and detailed migration summary by rate (Page .3). These are then
17 summarized into Small Cust Detail (Page .2), which then becomes the
18 Adjustment REV 1E-19R.

1 **Q36. Please explain Adjustment Rev 1D-19R and FP 1D-19R on Petitioner's**
2 **Exhibit No. 4, Attachment 4-C-S2, REV 1 and FP 1.**

3 A36. NIPSCO proposes to decrease Forward Test Year electric operating
4 revenues in the amount of \$76,792,660 related to the migration and
5 annualization of large industrial customers. If this adjustment is not
6 included, Forward Test Year electric operating revenues would be
7 overstated. A related adjustment was made to decrease Forward Test Year
8 fuel and purchased power expense in the amount of \$31,507,991 in
9 Adjustment FP 1D-19R. Details of these adjustments can be found in
10 Petitioner's Confidential Exhibit No. 20-S2.

11 **Q37. Please explain Adjustment Rev 1E-19R and FP 1E-19R on Petitioner's**
12 **Exhibit No. 4, Attachment 4-C-S2, REV 1 and FP 1.**

13 A37. NIPSCO proposes to decrease Forward Test Year electric operating
14 revenues in the amount of \$570,898 related to the migration and
15 annualization of small industrial customers. If this adjustment is not
16 included, Forward Test Year electric operating revenues would be
17 overstated. A related adjustment was made to decrease Forward Test Year
18 fuel and purchased power expense in the amount of \$457,934 in Adjustment

1 FP 1E-19R. Details of these adjustments can be found in Petitioner's
2 Confidential Exhibit No. 20-S2.

3 **Q38. Please explain Adjustment Rev 1F-19R on Petitioner's Exhibit No. 4,**
4 **Attachment 4-C-S2, REV 1.**

5 A38. NIPSCO proposes to increase Forward Test Year electric operating
6 revenues in the amount of \$4,507,281 to reflect the discount passed through
7 to retail electric customers taking service under the Company's Economic
8 Development Rider ("EDR") because the EDR discounts received by EDR
9 customers during the Historic Base Period will eventually terminate, and
10 those customers will pay full tariff rates. If this adjustment is not included,
11 Forward Test Year electric operating revenues would be understated.
12 Details of this adjustment can be found in Petitioner's Confidential Exhibit
13 No. 20-S2.

14 **Q39. Please explain Adjustment Rev 1G-19R and FP 1F-19R on Petitioner's**
15 **Exhibit No. 4, Attachment 4-C-S2.**

16 A39. NIPSCO proposes to decrease Forward Test Year electric operating
17 revenues in the amount of \$1,488,190 to reflect an anticipated decrease in
18 street lighting billing determinants because the budget did not anticipate

1 the increase in customer participation under the LED street lights resulting
2 in less usage. If this adjustment is not included, Forward Test Year electric
3 operating revenues would be understated. A related adjustment was made
4 to decrease Forward Test Year fuel and purchased power expense in the
5 amount of \$581,907 in Adjustment FP 1F-19R. Details of these adjustments
6 can be found in Petitioner's Confidential Exhibit No. 20-S2.

7 **Q40. Please explain Adjustment Rev 1H-19R and FP 1G-19R on Petitioner's**
8 **Exhibit No. 4, Attachment 4-C-S2, REV 1.**

9 A40. NIPSCO proposes to decrease Forward Test Year electric operating
10 revenues in the amount of \$7,100 to reflect an anticipated decrease in Rate
11 742 billing determinants. If this adjustment is not included, Forward Test
12 Year electric operating revenues would be overstated. A related adjustment
13 was made to increase Forward Test Year fuel and purchased power expense
14 in the amount of \$82 in Adjustment FP 1G-19R. Details of this adjustment
15 can be found in Petitioner's Confidential Exhibit No. 20-S2.

16 **Q41. Please explain Adjustment Rev 1A-19SS and FP 1A-19SS on Petitioner's**
17 **Exhibit No. 4, Attachment 4-C-S2, REV 1.**

1 A41. NIPSCO proposes to decrease Forward Test Year electric operating
2 revenues in the amount of \$83,630,802 to reflect changes in industrial fuel
3 based on the proposed new service structure. If this adjustment is not
4 included, Forward Test Year electric operating revenues would be
5 overstated. If NIPSCO's service structure is not approved in this
6 proceeding, this balance will need to be updated. A corresponding
7 adjustment was made to decrease Forward Test Year fuel and purchased
8 power expense in the amount of \$83,630,802 in Adjustment FP 1A-19SS.
9 Details of this adjustment can be found in Petitioner's Confidential Exhibit
10 No. 20-S2.

11 **Q42. Please explain Adjustment Rev 1B-19SS on Petitioner's Exhibit No. 4,**
12 **Attachment 4-C-S2, REV 1.**

13 A42. NIPSCO proposes to decrease Forward Test Year electric operating
14 revenues in the amount of \$3,000,000 to remove all Rate 732 and 733 back-
15 up and maintenance revenues based on the proposed new service structure
16 which gives Rate 831 customers alternatives for Back up and Maintenance
17 Services. Any Back up and Maintenance margins generated by Rider 876
18 and within Rate 830 will be passed back in the RTO tracker. This is further
19 discussed by Witness Campbell. If this adjustment is not included, Forward

1 Test Year electric operating revenues would be overstated. If NIPSCO's
2 service structure is not approved in this proceeding, this balance will need
3 to be updated. Details of this adjustment can be found in Petitioner's
4 Confidential Exhibit No. 20-S2.

5 **Q43. Please explain Adjustment Rev 7-19R on Petitioner's Exhibit No. 4,**
6 **Attachment 4-C-S2, REV 7.**

7 A43. NIPSCO proposes to decrease Historic Base Period electric operating
8 revenues in the amount of \$10,822,388 for demand-side management
9 ("DSM") lost revenues that will continue to be recovered through
10 NIPSCO's DSMA tracker filing after "Step 1" base rates are implemented.
11 If this adjustment is not included, Forward Test Year electric operating
12 revenues would be overstated. Details of this adjustment can be found in
13 Petitioner's Confidential Exhibit No. 20-S2..

14 **Q44. Please describe the methodology used by NIPSCO to reset the demand-**
15 **side management lost margin recovery.⁵**

⁵ For purposes of this testimony, NIPSCO uses "lost margin" synonymously with "lost revenue," as that term is used and defined in Ind. Code § 8-1-8.5-10.

1 A44. NIPSCO has adjusted its usage determinants for energy efficiency measures
2 installed through December 31, 2017, consistent with Evaluation,
3 Measurement and Verification ("EM&V"). NIPSCO has also adjusted its
4 usage upward for energy efficiency measures installed between January 1,
5 2018 and December 31, 2019. NIPSCO proposes to reset lost margins in its
6 Demand Side Management Adjustment Mechanism ("DSMA") upon new,
7 effective base rates in this proceeding to eliminate lost margins attributable
8 to all energy efficiency measures installed prior to December 31, 2017.
9 Ultimately, NIPSCO is seeking a neutral transition to lost margin recovery
10 between the filing of this rate case and the operation of its DSMA filings.
11 This adjustment will reduce the amount of lost revenues recovered through
12 the DSMA by approximately \$10.8 million per year.

13 **Q45. Please explain the adjustments made to test year billing determinants**
14 **related to the inclusion of DSM measures installed up to and throughout**
15 **the test year.**

16 A45. To properly reflect the full impact of measures installed up through
17 December 31, 2017, NIPSCO normalized both the kW and kilowatt-hour
18 ("kWh") billing determinants from the test year to capture the annualized
19 impact of measures installed throughout the test year. Additionally,

1 NIPSCO also adjusted out the lost kWh and kW related to measures
2 installed after December 31, 2017 as such measures will still be reflected and
3 recovered through the DSMA. If these adjustments are not included, kWh
4 and kW billing determinants would be understated.

5 **Q46. Is this consistent with the Commission's August 8, 2012 Order in Cause**
6 **No. 44154 that approved NIPSCO's lost margin recovery methodology?**

7 A46. Yes. In that Order, the Commission noted (p. 9) that at the conclusion of
8 NIPSCO's next base rate case, "the margin calculation will be updated and
9 the cumulative measure savings reset to zero as of the close of the test year."
10 The reset methodology that I describe above meets this requirement while
11 also recognizing the savings that have been the subject of EM&V, which is
12 appropriate to use as a demarcation. The reset methodology is the same as
13 that used in NIPSCO's 44688 Rate Case. In its 44688 Order, the Commission
14 noted that "NIPSCO has complied with the intent of the directive in the
15 44154 Order."

16 **Q47. Please explain the proposed increase in the Trip Charge.**

17 A47. NIPSCO is proposing to increase the revenue collected in the Forward Test
18 Year by \$18,780. If a Customer schedules an appointment in association

1 with a service request, and the Company's serviceman is not able to gain
2 access to the Customer's facilities due to the absence of the Customer, the
3 Customer shall be charged a Trip Charge at the time the appointment is
4 rescheduled by the Customer. NIPSCO is proposing a \$15 increase in this
5 charge, raising it from \$40 to \$55. In the Historic Base Period, there were
6 1,252 trips made. Applying this same number of trips to the Forward Test
7 Year, multiplied by the \$15 increase in the Trip Charge results in a \$18,780
8 increase. The workpapers supporting the Trip Charges are provided in
9 Attachment 19-D.

10 **Q48. Please explain the proposed increase in the Reconnection Charge.**

11 A48. NIPSCO is proposing to increase the revenue collected in the Forward Test
12 Year by \$164,280. A Customer incurs a Reconnection Charge whenever the
13 service has been turned off by the Company in accordance with Rule 12
14 (shut off for non-payment). NIPSCO is proposing a \$20 increase in the
15 charge for normal working hours, raising it from \$70 to \$90. In the Historic
16 Base Period, 8,214 disconnect/reconnect trips were made. Applying this
17 same number of trips to the Forward Test Year, multiplied by the \$20
18 increase in the Reconnection Charge results in a \$164,280 increase. The

1 workpapers supporting the Reconnection Charges are provided in
2 Attachment 19-D.

3 **Q49. Please describe how the Rate 830 Billing Determinants were derived.**

4 A49. Customers taking service on the proposed Rate 830 are coming from both
5 Rates 732 and 733. The starting point for the Rate 830 demands, energy and
6 reactive kilovolt Amps is the 2019 forecast. Proposed Rate 830 has different
7 contract requirements than the current Rates 732 and 733. The 2019 demand
8 forecast is based on the current rates and ratchets. NIPSCO reviewed the
9 12 months ending September 2018 demand billing components and
10 recalculated these billing demands based on the customer's on-peak and
11 off-peak demands and eliminated any influents of current contract
12 demands. The forecasted billing demands were reduced to these
13 recalculated billing demands. No adjustments were made to the 2019
14 forecasted energy and reactive kilovolt Amps. The DSM adjustment which
15 is discussed above was applied to the classes demand and energy. The
16 workpapers supporting the Rate 830 billing determinants are provided in
17 Confidential Attachment 19-E.

18

1 **Q50. Please describe how the Rate 831 Billing Determinants were derived.**

2 A50. Customers taking service on the proposed Rate 831 are coming from Rates
3 732, 733 and 734. The starting point for the Rate 831 demands, energy and
4 reactive kilovolt Amps is the 2019 forecast. Proposed Rate 831 has three
5 tiers of service as described above and allows customers with multiple
6 premises to aggregate their load on an hourly basis. The customers can
7 select a Tier 1 contract demand which when multiplied by 12 becomes their
8 annual billing demand. NIPSCO took the customers 2017 actual hourly
9 demands, aggregated them for the two customers where aggregation
10 applies and then calculated the hourly Tier 1 and Tier 2 and 3 energy. These
11 were then summed to calculate the customer's annual 2017 energy for Tier
12 1 and Tiers 2 and 3. The 2017 energy was compared to the 2019 forecast
13 energy. For customers with a Tier 1 energy with a 99% or higher load factor,
14 the Tier 2 and 3 energy was adjusted. For the customer that has a Tier 1
15 load factor below the 99%, the adjustment was made at the same proportion
16 as their 2017 Tier 1 and Tier 2 and Tier 3 energy. Transmission flow studies
17 were performed for two customers who have multiple Premises held under
18 common ownership or by affiliates (as defined in Indiana Code § 23-1-43-
19 1) and having the same qualifying service voltage, Interval Data Recorder

1 (IDR) meters with 5-minute interval telemetry capability at those Premises.
2 Transmission volumes were calculated for the gross energy consumption
3 (not netted with potential outputs from other qualifying meters) of each
4 individual IDR meter. Their Tier 2 and 3 energy was adjusted based on
5 these studies. There were no adjustments made to the forecasted reactive
6 kilovolt Amps. The workpapers supporting the Rate 831 billing
7 determinants are provided in Confidential Attachment 19-E.

8 **Q51. Are you proposing updates to the tracker allocators in this preceding?**

9 A51. NIPSCO is proposing to update the tracker allocations based on the
10 Allocated Cost of Service Study and the proposed Rate 831. As discussed
11 above, Rate 831 contains three tiers of service with the current trackers
12 applicable to the Tier 1 firm service. The energy only revenue requirement
13 of the RTO would also apply to Tier 2. Currently, it is assumed that no
14 transmission-related costs will remain in the FMCA, but if that changes in
15 the future transmission-related charges would apply to both the Tier 2 and
16 Tier 3 transmission portion of Rate 831. The demand allocators are based
17 on the mitigated allocation of the Allocated Cost of Service Study revenue.
18 The Rate 831 allocation was adjusted to reduce the Allocated Cost of Service
19 Study revenue down to the revenue associated with Tier 1. The energy

1 allocators are based on the sales allocator from the Allocated Cost of Service
2 Study. The Rate 831 sales are strictly the Tier 1 sales so no adjustment is
3 required. Rate 831 Tier 2 transmission volumes are not known at this time,
4 so a placeholder has been included in the allocation. The TDISC
5 transmission allocators are based on the transmission and subtransmission
6 allocation of the revenues in the Allocated Cost of Service Study. Rate 831
7 has been adjusted to the transmission volumes for Tier 1. The TDISC
8 distribution allocators are derived from the primary and secondary
9 distribution revenue from the Allocated Cost of Service Study. No
10 adjustments were made for Rate 831. The tracker allocations are provided
11 in Attachment 19-F.

12 **Q52. Does this conclude your prefiled direct testimony?**

13 A52. Yes.

VERIFICATION

I, Curt A. Westerhausen, Director of Regulatory of Northern Indiana Public Service Company LLC, affirm under penalties of perjury that the foregoing representations are true and correct to the best of my knowledge, information and belief.



Curt A. Westerhausen

Date: October 31, 2018

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NORTHERN INDIANA PUBLIC SERVICE COMPANY
IURC ELECTRIC SERVICE TARIFF
ORIGINAL VOLUME NO. 14

SCHEDULE OF RATES APPLICABLE TO ELECTRIC SERVICE
IN
CITIES, TOWNS AND UNINCORPORATED COMMUNITIES

Issued Date
__/__/2019

Effective Date
6/30/2019



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**INDEX OF CITIES, TOWNS AND UNINCORPORATED
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Adams Lake	Deep River	Hudson
Ade	Delong	Idaville
Ainsworth	Demotte	Independence Hill
Aldine	Denham	Inwood
Ambia	Dewart Lake	Jimtown
Angola	Dixon Lake	Kentland
Ashley	Donaldson	Kewanna
Atwood	Door Village	Kingsbury
Barbee Lakes	Dune Acres	Knox
Bass Lake	Duneland Beach	Koontz Lake
Beaver Dam Lake	Dyer	Kouts
Belshaw	Earl Park	LaCrosse
Benton	East Chicago	LaGrange
Beverly Shores	Emmatown	Lake Bruce
Big Long Lake	Enos	Lake Dale Carlia
Boone Grove	Etna	Lake Gage
Boswell	Fish Lake	Lake George
Bourbon	(LaGrange County)	Lake James
Brighton	Fish Lake	Lake Maxinkuckee
Brimfield	(LaPorte County)	Lake of Silver Lake
Bristol	Flint Lake	Lake of the Woods
Brook	Foraker	(LaGrange County)
Brunswick	Foresman	Lake of the Woods
Buffalo	(Newton County)	(Marshall County)
Burket	Fowler	Lake Station
Burnettsville	Francesville	Lake Village
Burns Harbor	Freeman Lake	LaPorte
Burr Oak	Fremont	Leesburg
Cedar Lake	Gary	Leiters Ford
(LaGrange County)	Goodland	Leroy
Cedar Lake	Goshen	Lochiel
(Lake County)	Grass Creek	Long Beach
Chapman Lake	Griffith	Long Lake
Chase	Grovertown	(Porter County)
Chesterton	Hamlet	Lowell
Claypool	Hammond	Malden
Clear Lake	Hanna	Medaryville
Clunette	Hebron	Mentone
Corunna	Helmer	Merrillville
Cromwell	Hibbard	Michiana Shores
Crooked Lake	Highland	Michigan City
Crown Point	Hobart	Middlebury
Crystal Lake	Hoffman	Milford
Culver	Howe	Mill Creek

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Millersburg	Pulaski	Tippecanoe
Mongo	Raub	Tippecanoe Lake
Monon	Ray	Topeka
Monterey	Remington	Toto
Monticello	Rexville	Tracy
Morocco	Reynolds	Trail Creek
Mount Ayr	Riverdale	Twin Lakes
Munster	Rome City	(LaGrange County)
Nappanee	Roselawn	Tyner
Nevada Mills	Ross	Union Center
New Chicago	St. John	Union Mills
New Elliott	Salem Center	Valentine
New Paris	Salem Heights	Valparaiso
North Judson	San Pierre	Wabee Lake
North Liberty	Schererville	Wadena
North Webster	Schneider	Wahob Lake
Norway	Scott	Wakarusa
Oak	Seafield	Wanatah
Ober	Sedley	Warsaw
Ogden Dunes	Shafer Lake	Waterford
Oliver Lake	Shelby	Waterford Mills
Ontario	Shipshewana	Waterloo
Ora	Shipshewana Lake	Wawaka
Orland	Shoe Lake	Wawasee
Oswego	Silver Lake	Webster Lake
Otis	Smithson	Westboro
Palestine	South Haven	Westville
Palmer	South Milford	Wheatfield
Pierceton	Star City	Wheeler
Pine Village	Stillwell	Whiting
Pinhook	Stone Lake	Winfield
Pinola	Stroh	Winona Lake
Pleasant Lake	Sumava	Wolcott
Plymouth	Swanington	Wolcottville
Portage	Syracuse	Woodland
Porter	Talbot	Woodville
Pottawattamie Park	Talma	Wyatt
Pretty Lake (LaGrange County)	Teegarden	Yellow Creek Lake
Pretty Lake (Marshall County)	Tefft	Yeoman
	Thayer	
	The Pines	

Also effective in rural territories furnished electric service by Company.

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1. DEFINITIONS

Unless otherwise specified in the Rate Schedules, the following terms shall have the meanings defined below when used in this Tariff for Electric Service:

- 1.1 Applicant. Any new customer requesting a new Rate Schedule.
- 1.2 Asset Owner. A Tier 3 Rate 831 Industrial Customer identified by NIPSCO through the MISO registration process that is represented by NIPSCO in Market Activities. NIPSCO will register all qualified Tier 3 Rate 831 Industrial Customers at MISO as an "Asset Owner" as provided for in the MISO Tariff.
- 1.3 Automated Meter Reading (AMR). The hardware, equipment and technology used to automatically remotely collect consumption data and status from the electric service metering device and transferring that data to a central database for billing, troubleshooting, and analysis.
- 1.4 Bill. An itemized list or statement of fees and charges for electric service. A Bill may be rendered by mail or by electronic means.
- 1.5 Billing Demand. That Demand, stated in kW's, upon which the Demand Charge in the Customer's Bill is determined in any given month.
- 1.6 Billing Period. The Billing Period is defined as the period for which a Customer has been billed. The Billing Period is the duration from the Bill's start date to the Bill's end date.
- 1.7 BPM. Business Practices Manual that is currently in effect at MISO.
- 1.8 C.P.T. Central Prevailing Time. Either Central Standard Time or Central Daylight Time, whichever is in effect in Chicago, Illinois.
- 1.9 C.S.T. Central Standard Time. All times referred to herein are C.S.T. unless another time zone is expressly identified.
- 1.10 Cogeneration System. An electric generating unit fully or partially used for the purpose of supplying power for demand behind the meter of a Premise that may, or may not, be part of a larger integrated generating facility or waste gas heat recovery system that also meets the energy efficiency standards established for a cogeneration facility by the Federal Energy Regulatory Commission (FERC) under 16 U.S.C. 824a-3, in effect November 9, 1978. Each individual electric generator will qualify for Back-up or Maintenance Services as defined in Rate 830 and Rider 876.
- 1.11 Coincident Peak Demand. The current integrated Demand of a Customer that occurs coincident to the annual peak Demand of MISO.
- 1.12 Commercial Customer. Any Customer primarily engaged in wholesale or retail trade and services, any local, state and federal government agency and any Customer not covered by another classification.

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- 1.13 Commercial Pricing Node (CPNode). Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, a CPNode is an Elemental Pricing Node or an Aggregate Price Node in the Commercial Model used to schedule and settle Market Activities. Commercial Pricing Nodes include Resources, Hubs, Load Zones and/or Interfaces.
- 1.14 Commission or IURC. Indiana Utility Regulatory Commission, or its successor.
- 1.15 Company. Northern Indiana Public Service Company LLC.
- 1.16 Company Standards. Electric Standards established by the Company and posted on the Company's website.
- 1.17 Contract Capacity / Contract Demand. A Customer's specified load requirements expressed in kW for which a Customer contracts.
- 1.18 Contract Demand. Asset Owners taking service under Tier 3 of Rate 831, will designate the demand in the contract between any suppliers and NIPSCO. Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, the Contract Demand represents the maximum integrated hourly sum of Load occurring over a specified period, such as Day, Month, Season, or Year, expressed in MWs.
- 1.19 Contract Year. Twelve (12) consecutive months used in the application of Rate Schedules.
- 1.20 Curtailment. The reduction of a Customer's load at the request of the Company pursuant to the Company's Tariff for reliability reasons.
- 1.21 Customer. Any person, firm, corporation, municipality, or other government agency which has agreed orally or otherwise, to pay for electric service at a Premise from the Company.
- 1.22 Customer Charge. The dollar amount set forth in each Rate Schedule.
- 1.23 Day-Ahead LMP. The day-ahead market clearing price for Energy as defined in the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff or its successor at the established NIPSCO load commercial pricing node(s).
- 1.24 Days. Unless otherwise noted, "days" means calendar days.
- 1.25 Delinquent Bill. A Customer Bill that has remained unpaid for the period set forth in 170 IAC 4-1-13 of the IURC Rules.
- 1.26 Demand. The rate at which Energy is used by the Customer from the Company's system within an interval of time, stated in kW.

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- 1.27 Demand Bids. Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, all Fixed Demand Bid or Price Sensitive Demand Bid will be submitted through the designated portion of the MISO Market Portal.
- 1.28 Demand Charge. The portion of a Customer's Bill based on the Customer's Maximum Demand, in kW, and calculated on the Billing Demand under the applicable Rate Schedule.
- 1.29 Demand Indicating Meter (DI Meter). A meter capable of measuring and recording the maximum kW Demand, kVAR Demand and kWh within a specific range of time.
- 1.30 Disconnection. The termination or discontinuance of electric service.
- 1.31 Distribution Line. Any distribution line of the Company operated at a nominal voltage less than 69,000 volts.
- 1.32 Dwelling Unit. A residential living quarter.
- 1.33 Elemental Pricing Node (EPNode). Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, an EPNode is a single Bus where LMP is calculated.
- 1.34 Energy. The active component of the quantity of supply expressed in kilowatt hours (kWh) unless expressly related to a MISO Market product or service whereby Energy is defined consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, Energy is the amount of electricity that is bid for or purchased through the MISO market or transmitted over a period of time and measured or calculated in megawatt hours (MWh).
- 1.35 Energy Charge. The portion of a Customer's Bill based on the Customer's Energy consumption, in kWh, under the applicable Rate Schedule.
- 1.36 FERC. Federal Energy Regulatory Commission, or its successor.
- 1.37 Fuel Cost Adjustment. The additional charges or credits the Company includes in a Customer's Bill to offset the variance in the fuel cost in base rates compared to actual cost of fuel. This adjustment is represented as cents per kWh.
- 1.38 General Service. Service provided to a Non-Residential Customer.

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- 1.39 Gross Margin. Revenues minus cost of fuel and purchased power.
- 1.40 Human Needs Customers. Customers that include hospitals, medical centers, nursing homes and Customers where Curtailments would adversely affect public health and safety such as municipal fire departments, police departments, civil defense and emergency Red Cross services.
- 1.41 Industrial Customer. Any Customer who is engaged primarily in a process that creates or changes raw or unfinished materials into another form or product.
- 1.42 Interruption. The reduction of a Customer's load at the request of the Company pursuant to the Company's Tariff for economic reasons.
- 1.43 Interval Data Recorders (IDR). A meter capable of measuring and recording kW Demand and kVAR Demand on a sub-hour time interval and hourly integrated basis and measuring Energy in kWh on a cumulative basis.
- 1.44 IURC Rules. Rules and regulations for electric utilities promulgated by the IURC, codified in Title 170 of the Indiana Administrative Code (IAC), Article 4.
- 1.45 Kilovolt-Ampere (kVA). A measurement of total power - active power, measured in kW, and reactive power, kVAR. The kVA is defined as the current that is required to electrify the system to reduce resistance and line loss. The equivalent of one kW when the Power Factor is one hundred percent (100%), or is at unity.

$$kVA = \sqrt{kW^2 + kVAR^2}$$

- 1.46 Kilovolt-Ampere Reactive Power (kVAR). A measurement of reactive power.
- 1.47 Kilowatt(s) (kW or kW/s). A measurement of active power. One kilowatt is equivalent to one thousand watts.
- 1.48 Kilowatt-hour(s) (kWh or kWh/s). The Energy consumed by the use of one kW steadily for one hour.
- 1.49 Lagging. The power factor of inductive loads is referred to as lagging, or less than 100%, based upon the power factor ratio.
- 1.50 Late Payment Charge. A one-time penalty assessed upon a Delinquent Bill.
- 1.51 Load Factor. The kWh divided by the product of the average hours per month (730 hours) times the kW maximum load in the month, expressed as a percentage.
- 1.52 Locational Marginal Price(s) (LMP or LMPs). The market clearing price for Energy, established by MISO on a day ahead and real-time basis, at the established NIPSCO Load Commercial Pricing Node(s).

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- 1.53 Load Modifying Resource (LMR). Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, LMR is the MISO designation for a Demand Resource or Behind the Meter Generation Resource.
- 1.54 Load Zone. Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, a Load Zone is an aggregate area of consumption for a single Load Serving Entity within the MISO Balancing Authority Area and used for the purposes of scheduling, reporting Actual Energy Withdrawal volumes, and settling Energy transactions at aggregated Load levels, approved and maintained by the Transmission Provider to facilitate transactions.
- 1.55 Market Participant. Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, NIPSCO is the Market Participant for purposes of the Company's Tariff since NIPSCO (i) has successfully completed the registration process with the Transmission Provider and is qualified by the Transmission Provider as a Market Participant, (ii) is financially responsible to the Transmission Provider for all of its Market Activities and obligations, and (iii) has demonstrated the capability to participate in its relevant Market Activities.
- 1.56 Market Portal: Consistent with the definition contained in Module A of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, the Market Portal is MISO's Internet based computer application or website used by Market Participants, the Transmission Provider to post information related to the operation of the Day-Ahead Energy and Operating Reserve Market, Real-Time Energy and Operating Reserve Market and FTRs. NIPSCO will determine which portions of the Market Portal to grant access to Asset Owners.
- 1.57 Maximum Demand. A Customer's Maximum Demand in any month shall be determined by a suitable metering device acceptable to the Company. The Maximum Demand of electric Energy supplied in any month shall be taken as the highest average load in kW's occurring during any 30 consecutive minutes of the month.
- 1.58 Megawatt(s) (MW or MWs). A measurement of active power. One megawatt is equivalent to one million watts.
- 1.59 MISO. Midcontinent Independent System Operator, Inc., or its successor.
- 1.60 MISO Curtailment. The reduction of a Customer's load at the request of MISO pursuant to the Company's Tariff for reliability reasons.
- 1.61 MISO Rules. As defined within the MISO Tariff or BPM.
- 1.62 National Electric Safety Code. The standard for the safe installation, operation and maintenance of electric power systems published by the Institute of Electric and Electronics Engineers (IEEE).

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- 1.63 National Electrical Code. The standard for the safe installation of electrical wiring and equipment. It is part of the National Fire Codes series published by the National Fire Protection Association (NFPA).
- 1.64 NERC. North American Electric Reliability Corporation, or its successor.
- 1.65 NIPSCO or Northern Indiana Public Service Company. Northern Indiana Public Service Company LLC.
- 1.66 Non-Residential Customer. Any customer that is not a Residential Customer.
- 1.67 Non-Residential Service. Service provided to a Non-Residential Customer.
- 1.68 Non-Sufficient Funds. An account shall be considered to have Non-Sufficient Funds for the following reasons:
1. The Customer's payment is considered delinquent by the banking institution.
 2. The Customer has supplied the incorrect bank account number.
 3. The Customer's bank account number is no longer available.
 4. The Customer has issued a stop payment by the banking institution to the Company.
 5. The Customer pays electronically, and a chargeback is subsequently assessed by the Customer's financial institution.
 6. Any other instance when the financial institution refuses to honor the tendered payment.
- 1.69 Off-Peak Demand. The Demand taken during Off-Peak Hours.
- 1.70 Off-Peak Hours. Except where specifically defined in the Rate Schedules, all hours that are not On-Peak Hours shall be considered Off-Peak Hours.
- 1.71 On-Peak Demand. The Demand taken during On-Peak Hours.
- 1.72 On-Peak Hours. On-Peak Hours are those hours identified as "on-peak" in each applicable Rate Schedule.
- 1.73 Peak Power Factor. The Power Factor at the time of the Customer's maximum On-Peak Demand for the month.
- 1.74 Planning Reserve Margin Requirement (PRMR). The amount of capacity required for the forecasted Coincident Peak Demand of a Customer to meet the MISO Resource Adequacy Requirements (Module E-1 of the MISO Tariff).
- 1.75 Power Factor. The ratio of real power to apparent power.

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- 1.76 Premise. The main residence, or living quarters for the use of a single family Residential Customer, or main building of a Commercial Customer, or the main building or customer-owned transmission, distribution, primary or secondary voltage electric system (if existing) of an Industrial Customer. For Residential Customers and Commercial Customers the Premise includes the outlying or adjacent buildings used by the Customer provided the use of the service in the outlying or adjacent buildings is supplemental to the service used in the main residence or building. All non-IDR metered Industrial Customer Premises will be eligible for Summary Billing.
- 1.77 Present Value. The current value of a future payment, or stream of payments, discounted at the rate of return allowed in the Commission rate order at the time the Company's Rate Schedules go into effect.
- 1.78 Primary Line. Any Distribution Line of the Company operated at a nominal voltage greater than 600 volts and less than 69,000 volts.
- 1.79 Primary Service. Service provided to a Customer with a nominal voltage greater than 600 volts and less than 69,000 volts.
- 1.80 Production Demand Allocation (Pd). Production Demand Allocation utilized in Allocated Cost of Service Study in last electric base rate case.
- 1.81 Production Energy Allocation (Pe). Production Energy Allocation utilized in Allocated Cost of Service Study in last electric base rate case.
- 1.82 Rate Schedules. The part of the Company's Tariff setting forth the availability and charges for service supplied to a particular group of Customers, as filed with and approved by the Commission.
- 1.83 Real-Time LMP. As defined in the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff, or its successor, at the established NIPSCO Load Commercial Pricing Node(s).
- 1.84 ReliabilityFirst. ReliabilityFirst Corporation, or its successor.
- 1.85 Residential Customer. Any Customer that resides in a Residential dwelling, mobile home, apartment or condominium using electric service.
- 1.86 Residential Service. Service provided to a Residential Customer.
- 1.87 Riders. The part of the Company's Tariff setting forth supplemental provisions applicable to specific Rate Schedules, as approved by the Commission.
- 1.88 Rules. The part of the Company's Tariff setting forth the Company's General Rules and Regulations Applicable to Electric Service, as approved by the Commission.

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- 1.89 Secondary Line. Any Distribution Line of the Company operated at a nominal voltage of 600 volts or less.
- 1.90 Secondary Service. Service provided to a Customer with a nominal voltage of 600 volts or less.
- 1.91 Service. The supply of electricity by the Company to Customer.
- 1.92 Substation. The electric equipment, structures, land and land rights, including transformers, switches, protective devices and other apparatus necessary to transform Energy from a Transmission or Primary Line voltage.
- 1.93 Subtransmission. Primary voltage of 34,500 volts.
- 1.94 Summary Billing: A courtesy provided by the Company for Customers with multiple accounts whereby a Customer can request a single summary bill be rendered. Summary Billing is only allowed as specifically outlined in the Company's tariff.
- 1.95 Tariff. The entire body of the Rules, Rate Schedules and Riders.
- 1.96 Transmission Line. Any transmission line of the Company operated at a nominal voltage of 69,000 volts or greater.
- 1.97 Transmission Provider: MISO.
- 1.98 Watt-Hour Meter. A meter capable of measuring and recording the amount of kWh supplied to the Customer.

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2. TARIFF ON FILE

2.1 Tariff on File

Electric service furnished by the Company is subject to this Tariff which is at all times subject to revision, change, modification, or cancellation by the Company, subject to the approval of the Commission, and which is, by reference, made a part of all standard contracts (both oral and written) for service. Failure of the Company to enforce any of the terms of this Tariff shall not be deemed a waiver of its right to do so.

A copy of the Tariff under which service will be supplied is posted or filed for the convenience of the public in the office of the Company, with the Commission and on the Company's website. The Commission has continuing jurisdiction over the Tariff in its entirety. The Tariff, or any part thereof, may be revised, amended, or otherwise changed from time to time and any such change when approved by the Commission will supersede the present Tariff, or the applicable part thereof.

2.2 Special Conditions and Provisions

The Rules set forth the conditions under which service is to be rendered, and govern all Rate Schedules to the extent applicable. In case of conflict between any provision of an IURC-approved contract, Rate Schedule, Rider and/or Rule, the order of priority in interpretation shall be the (1) contract, (2) Rate Schedule, (3) Rider, and (4) Rule.

The Company shall have the right to execute contracts for service under any Rate Schedule or Rider that requires a contract. The Company shall also have the right to execute other contracts for service provided, however, such contracts requiring Commission approval shall be contingent upon receipt of such approval.

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3. CHARACTER OF SERVICE

3.1 Standard Installation

The Company shall provide, as a standard installation, facilities required to supply service at a single point of delivery for a Premise. These facilities shall include one transformation, where required, and metering adequate to measure the Demand and Energy consumption of the Premise as required in the applicable Rate Schedule. Arrangements may be made with the Company in the case of facility requests outside the scope of a standard installation pursuant to Rule 6. A Distribution Line or Secondary Line, to be installed, owned and maintained by the Company, will be provided when the Customer meets the requirements listed in Rule 6.

3.1.1 Secondary Service (600 volts or less)

A Standard Secondary Service Installation includes a Secondary Line up to 135 feet in length from the easement line (or property line if no easement exists). Service in excess of 135 feet in length will be installed and owned by the Company pursuant to Rule 6. Service for industrial or commercial service entrance sizes, in excess of 400 amps, single or combined, of like voltage or phases, shall be considered large, and therefore shall be owned, installed, and maintained by the Customer pursuant to Rule 6. When a Customer installs its own Secondary Service, the Company shall assume no responsibility for such service.

3.1.2 Primary Service (over 600 volts and less than 69,000 volts)

Primary Service is not considered standard service as it relates to Rule 6.

3.1.2.1 Overhead

A Primary Service Installation includes an overhead Primary Line, transformer(s), transformer pole(s), and metering equipment that will be provided by the Company pursuant to Rule 6. The Customer is required to install, own, and maintain any additional line and supporting poles.

3.1.2.2 Underground

Underground Distribution Lines will be installed only where, in the opinion of the Company, such installation is necessary or where it is required by the IURC Rules. The decision whether such lines shall be installed "underground" or "overhead" shall be made by the Company where the matter rests in the Company's sole discretion.

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3.2 Voltages

The standard nominal service voltages within the Company's service area are:

<u>SECONDARY</u>		<u>PRIMARY</u>	<u>TRANSMISSION</u>
<u>Single Phase</u>	<u>Three Phase</u>	<u>Three Phase</u>	<u>Three Phase</u>
120 volts	120/208 volts	12,470/7,200 volts	69,000 volts
120/240 volts	240 volts	34,500 volts	138,000 volts
120/208 volts	277/480 volts		
240/480 volts	480 volts		

The availability and application of these voltages will be determined by the Company under the applicable Rate Schedule. Exceptions to the above standard nominal voltages are a 4,160/2,400 volt system and a 13,800 volt system, which are limited to existing Customers that are in the process of being converted to the Company's standard voltage.

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4. APPLICATION, SERVICE REQUEST OR CONTRACT

4.1 Written Application or Contract Required

A written application for service may be required from a Customer before the Company will be obligated to supply service. The Company shall have the right to reject any application or contract for valid reason. When special construction or equipment expense is necessary to furnish service, the Company may require a contract for a suitable period of time and reasonable guarantees pursuant to Rule 6. Certain Rate Schedules may require the execution of a contract for service, and specify a minimum contract term. By receiving service under a specific Rate Schedule or Rider, the Customer or Customer's heirs, successors and assigns has agreed to all terms and conditions of this Tariff and the applicable Rate Schedule or Rider. A Customer's refusal or inability to sign a contract or agreement as specified by the Tariff, Rate Schedule or Rider in no way relinquishes the Customer's obligations as specified herein.

4.2 Service to be Furnished

4.2.1 New Customers

The Customer shall provide in writing upon request of the Company its electric load and Demand characteristics to be served. This information will be used by the Company to determine the character of the service and the conditions under which the Customer will be served.

4.2.2 Existing Customers: Notify Company Before Increasing Load

The service connections, meters and equipment supplied by the Company have definite capacity, and no substantial addition to the electric consuming equipment should be made without first consulting with the Company. The Customer shall notify the Company in writing of any material increase in load no less than sixty (60) days prior to the addition of that load.

4.3 Modification of Contract

No promises, agreements or representation of any agent of the Company shall be binding upon the Company unless the same shall have been incorporated in a written contract and such contract is signed and approved by an agent of the Company with apparent authority to sign such contract on behalf of the Company.

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5. PREDICATION OF RATES AND RATE SCHEDULES SELECTION

5.1 Premise

The Rate Schedules are predicated upon the supply of service to the Customer separately for each Premise and for the ultimate usage of such separate Premise. The combining of service of two (2) or more separate classifications through a single meter, or of two (2) or more Premises, or of two (2) or more separate Dwelling Units of the same Premise, will be permitted only under such Rules as filed by the Company and approved by the IURC. An outlying or adjacent building of the Customer, if located on the same Premise, may be served from the supply to the main residence or building, provided the use of such supply to the adjacent building is supplementary to the usage in the main residence or building.

5.2 Premise Containing Two (2) Meters

If the Customer chooses not to supply the outlying or adjacent buildings by the main service, the Company will consider this a non-standard installation and may install a separate service pursuant to Rule 6. The installed separate service shall be classified under one of the Rate Schedules based on the Customer's electric usage characteristics.

5.3 Building Containing Two (2) or More Separate Dwelling Units

Where Residential Service is supplied through one meter to an apartment house or to a building, each containing five (5) or less separate Dwelling Units, the Customer shall have the option, by written application to the Company, of electing whether:

5.3.1 The service shall be classed as Residential Service, in which case, for billing purposes, the Customer Charge and monthly Minimum Charge of the residential Rate Schedule shall be multiplied by the number of Dwelling Units served through the meter.

5.3.2 The service shall be classed as General Service, in which case, for billing purposes, the General Service Rate Schedules shall be applied on the basis of a single Customer.

The election made by the Customer shall continue for a period of twelve (12) months and thereafter until the Customer notifies the Company, in writing, of its election to change the selected classification of such service. Each such election subsequent to the initial election shall continue for twelve (12) months and thereafter until the Customer again notifies the Company, in writing, of its election to change the selected classification of such service.

It shall be understood that upon the termination of a contract, the Customer may elect to renew the Contract upon the same or another Rate Schedule or Rider applicable to the Customer's requirements, except that in no case shall the Company be required to provide or maintain transmission, switching, or transformation equipment (either for voltage or form of current change) different from or in addition to that generally furnished to other Customers receiving electric supply under the terms of the Rate Schedule or Rider elected by the Customer.

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5.3 Building Containing Two (2) or More Separate Dwelling Units (Continued)

The Customer may arrange the wiring at the Customer's own expense, so as to separate the combined service and permit the Company to install a separate meter for each separate Dwelling Unit. In each such case, the readings of each separate meter shall be billed separately under Residential Rate 811.

In such case, the wiring shall be arranged to provide for the grouping of all meters at the service entrance.

This rule has no application to rooming houses.

5.4 Combined Residential and Non-Residential Service

Where both Residential and Non-Residential Service are supplied through one service and one meter to the same Customer on the same Premise and where the principal use of Energy will be for Residential purposes, but a small amount of Energy will be used for Non-Residential purposes, the Customer will be billed under Rate 811 only when the equipment for such Non-Residential use is within the capacity of one (1) 120/240 volt, 60 ampere branch circuit (or is less than 14,400 watts capacity). When the Non-Residential equipment exceeds the above-stated maximum limit, the entire Non-Residential wiring may be separated from the Residential wiring, so that the Residential and Non-Residential loads may be metered separately. If the separation is accomplished, the Residential and Non-Residential consumption will be billed under the appropriate Rate Schedule. In the event the Customer elects not to separate the Residential and Non-Residential wiring, the total metered consumption will be billed under the appropriate General Service Rate Schedule.

5.5 General Service

A Customer will be considered a General Service Customer when so designated by the applicable Rate Schedule.

5.5.1 Residential

A Residential Customer, at the Customer's option, and in accordance with current provisions of the National Electrical Code, may have a General Service in addition to its Residential Service billed separately under applicable Rate Schedules.

5.5.2 Non-Residential

A Non-Residential Customer, at the Customer's option, and in accordance with current provisions of the National Electrical Code, may have at a single delivery point, two (2) services billed separately under applicable Rate Schedules.

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5.6 Choice of Optional Rate

Where optional Rate Schedules are available for the same class of service, the Customer shall designate the applicable Rate Schedule by signing an agreement where required by the Rate Schedule or signing a rate release form when an agreement is not required. Where selection of the most favorable Rate Schedule is difficult to predetermine, the Customer will be given a reasonable opportunity to change to another Rate Schedule, provided, however, that after one (1) such change is made, the Customer may not make a further change in Rate Schedule until twelve (12) months have elapsed.

The Company will, at the request of the Customer, assist the Customer in selecting the Rate Schedule most advantageous to the Customer, but the Company does not guarantee that the Customer will at all times be served under the most advantageous Rate Schedule.

In no case will the Company refund any difference in charges between the Rate Schedule under which service was supplied in prior periods and the newly selected Rate Schedule.

5.7 Resale of Service

Service shall be for the sole use of Customer and shall not be furnished under any Rate Schedule to any Customer for the purpose of reselling any or all such service.

5.8 Contract Termination upon Implementation of New Base Rates and Charges

Except as provided otherwise in this Tariff, all contracts for retail service shall terminate without further notice upon the effective date of the Company's implementation of new base rates and charges (either temporary or permanent) resulting from a general rate proceeding. For purposes of this Tariff provision, new base rates and charges shall not include a subsequent adjustment of rates made by the Company after implementation of rates and charges to comply with the Order. An example of such an adjustment is an adjustment to base rates required by the Commission Order to reflect the expiration of an amortization period.

5.9 Default Schedule for Large Use General Service or Industrial Customers

Notwithstanding the conditions of service under Rate 824, in the absence of an executed contract between the Company and the Customer, service to a large use General Service or Industrial Customer shall be provided at the rates and charges set forth in Rate 824 and such service shall be subject to the provisions of Rate 824.

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6. SERVICE EXTENSIONS AND MODIFICATIONS

6.1 Extension of Lines and Services Beyond Standard Installations – Secondary Voltage Level

Upon request by a Residential or Non-Residential Customer taking service at a Secondary voltage level, the Company will provide necessary facilities for rendering standard service as defined in Rule 3.1 at no charge.

6.1.1 The following definitions shall be applicable to this Rule:

6.1.1.1 “Margin Credits” for Residential Customers shall be equal to \$3,500 for each residential meter. “Margin Credits” for Non-Residential Customers shall be equal to the Present Value of Gross Margin associated with each Non-Residential meter as estimated by the Company for a six (6) Contract Year period.

6.1.1.2 “Margin Costs” shall be equal to 0.52 multiplied by the total amount of actual costs for the extension of electric facilities, as estimated by the Company using the information provided to the Commission in the Company’s annual filings pursuant to 170 IAC 4-1-27(E) of the IURC Rules.

6.1.1.3 The values identified in 6.1.1.1 and 6.1.1.2 shall be subject to change in any proceeding proposing adjustment to NIPSCO’s basic rates and charges initiated after 2015, or in a separate proceeding filed in conformance with the IURC Rules.

6.1.2 For extension of lines and services beyond standard installations for Residential Customers, a contribution must be provided when the Margin Costs exceed the Margin Credits.

For extension of lines and services beyond standard installations for Non-Residential Customers (other than those taking service at Transmission or Subtransmission voltage levels), the Non-Residential Customer must provide a contribution, a letter of credit (in a form satisfactory to the Company), or minimum guarantee prior to installation of the facilities when the Margin Costs exceed the Margin Credits; provided, however, if in the opinion of Company (i) the estimated cost of such extension and the prospective margin to be received is so meager or speculative as to make it doubtful whether the Margin Credits from the extension would ever pay a fair return on the investment involved in such extension, or (ii) there will be slight or no immediate demand for service, or (iii) the installation will require extensive equipment with slight or no immediate demand for service, or (iv) the estimated cost of the extension otherwise places Company and/or other Customers at risk of recovering the costs associated with the investment; then Company may require, in advance of materials procurement or construction, a deposit or adequate provision of payment from the initial Applicant(s) in the amount of the total estimated cost of construction and other improvements.

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- 6.1.2.1 Deposits held may be returned to initial Applicant(s) based on the amount of Margin Credits received by Company, for a period of six (6) Contract Years and up to the amount of the original deposit, in at least annual installments.
- 6.1.2.2 In the event that the initial Applicant(s) is (are) required to make a deposit, Company shall, upon request, make available to the initial Applicant(s) the information used to establish the basis for the applicable deposit amount.
- 6.1.3 For each Non-Residential Customer, exclusive of the initial Applicant(s) considered in the making of an extension, that has connected to such an extension within the six (6) Contract Year period from the completion of such extension, the Company shall credit to each initial Applicant's minimum guarantee or initial contribution on an annual basis, an amount equal to the actual Gross Margin of each subsequent meter less the Margin Costs to service such new Customer. This credit shall be in proportion to each Applicant's respective contribution toward the cost of such initial extension. The total of all credits from all customers to any such Applicant shall in no event exceed the aforesaid contribution of such Applicant.
- 6.1.4 For each Residential Customer exclusive of the initial Applicant(s) considered in the making of an extension, that has connected to such extension within the six (6) Contract Year period from the completion of such extension the Company shall credit to each initial Applicant's initial contribution, an amount equal to the Margin Credits for Residential Customer, less the Margin Costs to service such new Customer. This credit shall be in proportion to each Applicant's respective contribution toward the cost of such initial extension. The total of all credits from all customers to any such Applicant shall in no event exceed the aforesaid contribution of such Applicant.
- 6.2 Extension of Lines and Services Beyond Standard Installations – Transmission or Subtransmission Voltage Level
- Upon request by a Customer taking service at a Transmission or Subtransmission voltage level, the Company will provide necessary facilities for rendering standard service as defined in Rule 3.1 at no charge.
- 6.2.1 For extension of lines and services beyond standard installations for Customers taking service at Transmission or Subtransmission voltage level, prior to construction of facilities, the Company may demand a contribution, a letter of credit (in a form satisfactory to the Company), or minimum guarantee equal to the estimated cost to extend facilities, consistent with the IURC Rules. In the case of a Customer that has made a contribution, once the Customer has connected to such an extension, the Customer shall be entitled to a refund equal to the Customer's estimated Present Value of Gross Margin for a six (6) Contract Year period. In the case of a Customer that has provided a letter of credit or minimum guarantee, the Customer shall be entitled to a reduction of the amount of the letter of credit or minimum guarantee equal to the Customer's estimated Present Value of Gross Margin for a six (6) Contract Year period. Any amounts acquired under these conditions will be netted against any required Customer deposit before rendering service.

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6.2.2 For each Customer, exclusive of the initial Applicant(s) considered in the making of an extension, that has connected to such an extension within the six (6) Contract Year period from the completion of such extension, Company shall credit to each initial Applicant's minimum guarantee or initial contribution on an annual basis, an amount equal to the Actual Gross Margin over a six (6) Contract Year period of each subsequent meter. The credit shall be in proportion to each Applicant's respective contribution toward the cost of such initial extension. The total of all credits from all Customers to any such Applicant shall in no event exceed the aforesaid contribution of such Applicant.

6.3 Modification or Relocation of Company's Facilities at Customer's Request

If Customer requests for Customer's convenience or by Customer's actions that the Company's facilities be redesigned, reengineered, relocated, removed, modified or reinstalled, Customer shall reimburse Company for the entire cost incurred in making such change, including any and all required engineering studies.

6.4 New Residential Development Procedures

Before the Company will undertake facility investment and extensions of service to Residential developments, or phase thereof:

6.4.1 As used in this Rule, "extensions" shall refer to extension of Company facilities required in order to provide electric service as requested by Customer(s) or prospective Customer(s). The following definitions shall be application to this Rule:

6.4.1.1 "Margin Credits" shall be equal to the total product of the planned number of residential meters multiplied by \$3,500. This amount shall be subject to change in any proceeding proposing adjustment to NIPSCO's basic rates and charges initiated after 2015, or in a separate proceeding filed in conformance with the IURC Rules.

6.4.1.2 "Margin Costs" shall be equal to 0.52 multiplied by the total amount of actual costs for the extension of electric facilities to a specific development, as estimated by the Company using the information provided to the Commission in the Company's annual filings pursuant to 170 IAC 4-1-27(E) of the IURC Rules.

6.4.2 Upon request for electric service by initial Applicants (a developer or a group of prospective Customers located in the same area), Company will extend, without charge, its facilities including wires, poles, transformers and other equipment necessary to provide the service, provided:

6.4.2.1 the Margin Credits for the specific development are equal to or greater than the Margin Costs for that development; and

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- 6.4.2.2 the prospective patronage or demand is of such permanency as to warrant the capital expenditure involved.
- 6.4.3 If the Margin Costs of the facilities necessary to provide the electric service requested by initial Applicants exceeds the Margin Credits from such extension as provided in 6.4.2 above, Company shall make such extension if the initial Applicants meet one of the following conditions:
- 6.4.3.1 Upon adequate provision for payment to Company by initial Applicants of that part of the Margin Costs in excess of the Margin Credits as provided in 6.4.2 above; or
- 6.4.3.2 If in the opinion of Company (a) the estimated cost of such extension and the prospective margin to be received from it is so meager or speculative as to make it doubtful whether the Margin Credits from the extension would ever pay a fair return on the investment involved in such extension, or (b) there will be slight or no immediate demand for service, or (c) the installation will require extensive equipment with slight or no immediate demand for service, or (d) the estimated cost of the extension otherwise places Company and/or other Customers at risk of recovering the costs associated with the investment; then Company may require, in advance of materials procurement or construction, a deposit or adequate provision of payment from the initial Applicants in the amount of the total estimated cost of construction and other improvements.
- 6.4.3.2.1 Deposits held may be returned to initial Applicants based on the amount of Margin Credits received by Company, for a six (6) Contract Year period and up to the amount of the original deposit, in at least annual installments.
- 6.4.3.2.2 In the event that the initial Applicants are required to make any deposit, Company shall, upon request, make available to the initial Applicants the information used to establish the basis for the applicable deposit amount.
- 6.4.4 Applicants may, at their option, submit, or require Company to submit, to the Commission the terms of service and deposit or contribution determined by Company under 6.4.3.1 or 6.4.3.2 for review and determination as to the reasonableness of said terms.

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- 6.4.5 For each Customer, exclusive of the initial Applicants considered in the making of an extension, that has connected to such an extension within the six (6) Contract Year period from the completion of such extension, Company shall credit to each initial Applicant's minimum guarantee or initial contribution on an annual basis, an amount equal to the Actual Gross Margin over a six (6) Contract Year period of each subsequent meter. The total of all credits from all Customers to any such Applicant shall in no event exceed the aforesaid contribution of such Applicant. Where a deposit is required under 6.4.3.2 above, the total of all refunds to all initial Applicants in aggregate shall in no event exceed the total aggregate deposit of all initial Applicants. Such estimated Margin Credits from new Customer(s) shall also be subject to the provisions of 6.4.3.2 above.
- 6.4.6 Company shall not be required to make extension as provided in this Rule unless Customers to be initially served by such extension have entered into an agreement with Company, prior to the beginning of construction, setting forth the obligations and commitments of the parties to the agreement consistent with the provisions of this Tariff. The terms of the agreement may require Customer to provide a satisfactory guarantee to the Company for the performance of the Customer's obligations thereunder.
- 6.4.7 Company reserves the right, with respect to Customers whose establishments are remote from Company's existing suitable facilities, whose potential load qualifies for any economic development rider as may be applicable in Company's Tariff, or whose load characteristics or load dispersal require unusual investments by Company in service facilities, to make special agreements as to duration of contract, reasonable guarantee of revenues, or other service conditions, provided that such special agreements are made on a non-discriminatory basis.

6.5 Provisional Service

The charge for Provisional Service, where existing facilities can be utilized to supply single phase 120 or 120/240 volt service no larger than 100 amps, is consistent with the cost filings submitted annually to the Commission pursuant to 170 IAC 4-1-27 of the IURC Rules. The applicable Rate Schedule shall apply for service furnished. The charge for Provisional Service other than those stated above shall be determined by estimating the cost of construction and removal of facilities, including labor, material, stores, freight and handling, and job order overhead, less any estimated salvage value of material recovered. Provisional installations may continue for a period of more than twelve (12) months, if such installation conforms to the requirements of a permanent installation.

6.6 Auxiliary Service

Auxiliary Service is herein defined as electric service rendered by the Company to a Customer wherein such Customer's Premise is supplied with electricity from a source of supply other than the Company, or whose electric requirements are wholly or partially at any time relieved by other power generating equipment. The Customer, where service is rendered under such circumstances, shall have the privilege of using the Company's electrical service as reserve or auxiliary service in connection with its alternative or other source of supply upon the conditions herein prescribed.

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6.6.1 Where total connected load to be supplied by Company's service does not exceed 15 kW:

A suitable contract shall be entered into with the Customer, listing the apparatus and connected load in kW of the equipment to be supplied auxiliary service.

The Customer shall agree to pay for all Energy used computed under any rate the Customer shall select in effect for the location and for the class minimum monthly payment for such auxiliary service shall be calculated on the basis of \$10.00 per month for the first 3 kW or less of total connected load and \$3.00 per month for each additional kW or fraction thereof of total connected load; provided, however, that the monthly Minimum Charge for such auxiliary service so calculated shall not in any case be less than the monthly Minimum Charge called for in the Rate Schedule or contract.

For the purpose of determining the Demand of the total connected load contracted for, the Company may install a meter capable of measuring Demand which shall measure the highest average load in kW occurring during any thirty (30) consecutive minutes of the month; provided, further that if the Customer's load is Three-Phase, the Maximum Demand shall not be less than eighty percent (80%) of the product of the actual voltage multiplied by the maximum amperes in any phase multiplied by 1.73. If such measured Maximum Demand exceeds the connected load contracted to be supplied with auxiliary service, then such measured Demand shall be used in calculating the monthly Minimum Charge in the current and subsequent month's billing until exceeded by a higher measured Demand.

The Company further reserves the right to require the Customer to provide, at the Customer's expense, suitable apparatus to reasonably limit any intermittence or fluctuations of the Customer's requirement, where in the Company's judgment such apparatus is necessary to prevent undue interference with the service of the Company, and the Company further reserves the right to refuse, at any time, service where electric welding machines or other equipment producing high and intermittent fluctuations constitute a part of the Customer's connected load. Paralleled operations of the Company's and the Customer's electric generating equipment shall not be permitted hereunder.

The term of the contract shall be for a period of not less than one (1) Contract Year from the beginning of service thereunder. If the parties continue thereafter to furnish and accept the electrical service thereunder, it shall operate to renew and continue the service by yearly periods until cancelled by sixty (60) days' notice being given by one party to the other, prior to the expiration of any such Contract Year, of such party's election to discontinue the service.

6.6.2 Where total connected load to be supplied by Company's service exceeds 15 kW, auxiliary service shall be furnished only upon execution of a contract.

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6.7 Excess Facilities

In the event service facilities in excess of a standard service under Rule 3.1 are requested by the Customer or are required to serve the Customer's load, the Company will extend such facilities therefore, subject to the following conditions:

- 6.7.1 The type, extent, and location of such service facilities shall be determined by agreement between the Company and the Customer;
- 6.7.2 Such service facilities shall be the property of the Company;
- 6.7.3 The Customer shall agree to pay the cost to install such excess facilities and the cost to reserve any excess capacity, if required, on the transmission and distribution systems greater than that provided by standard service, to be determined by the Company in its sole discretion. In order to extend such facilities, the Customer may elect one of three payment options to the Company: (1) an up-front contribution equal to the cost to install the new excess facilities plus a monthly recurring charge equal to two percent (2%) of the cost to reserve any excess capacity; or (2) a monthly recurring charge equal to two percent (2%) of the total cost to install the excess facilities plus a monthly recurring charge equal to two percent (2%) of the cost to reserve any excess capacity; or (3) an up-front contribution equal to the cost to install the excess facilities plus an up-front onetime reservation fee to reserve any excess capacity;
- 6.7.4 If in accordance with Rule 6.7.3, the Customer elects the monthly rental option, then such monthly rental amount shall be appropriately adjusted if a change is made in the excess facilities provided by the Company;
- 6.7.5 The Customer shall provide power as specified by the Company, if so required, to operate such service facilities; and
- 6.7.6 Such other conditions as are reasonably necessary due to special conditions of service.

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7. CUSTOMER INSTALLATION

7.1 Inside Wiring and Entrance Equipment

The Applicant for service must, at the Applicant's expense, equip the Applicant's Premise with all wiring and entrance equipment, all of which shall be constructed and maintained, subject to the approval of any authorized inspectors, and in accordance with the Company Rules. The Company shall be under no duty to inspect the wiring and equipment of the Applicant/Customer and in no event shall Company be responsible therefore.

The Applicant/Customer shall at all times maintain the service entrance and the wires inside the building.

7.1.1 Where an Applicant is located in a municipality or other governmental subdivision where inspection laws or ordinances are in effect, the Company may withhold furnishing service to new installations or disconnected existing installations until it has received evidence that the inspection laws or ordinances have been complied with. In addition, if such municipality or other governmental subdivision shall determine that such inspection laws or ordinances are no longer being complied with in respect to an existing installation, the Company may suspend the furnishing of service thereto until it has received evidence of compliance with such laws or ordinances.

7.1.2 Where an Applicant's Premise is located in an area not governed by local inspection laws or ordinances, wiring shall be installed in accordance with the requirements of the National Electrical Code. Before furnishing service, Company may require a certificate or notice of approval from a duly recognized authority stating that customer's wiring has been installed in accordance with the requirements of the National Electric Code.

7.1.3 No responsibility shall attach to the Company because of any waiver of these requirements.

7.2 Exclusive Service on Installation Connection

Except for emergency generating equipment approved by the Company, no other electric light or power service shall be used by the Customer on the same installation in conjunction with the Company's service, either by means of a "throw-over" switch or any other connection, except under a contract for auxiliary service or under Rider 879.

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8. EQUIPMENT ON CUSTOMER'S PREMISE

8.1 Company's Property and Protection Thereof

All meters or other appliances and equipment furnished by and at the expense of the Company, which may at any time be on or in the Customer's Premise, shall, unless otherwise expressly provided, be and remain the property of the Company, and the Customer shall protect such property from loss or damage, and no one who is not an agent of the Company shall be permitted to remove or tamper with such property. If Company property is damaged or destroyed, through the negligence of the Customer or through a violation of applicable tariff provisions by the Customer, the cost of necessary repairs or replacements shall be paid by the Customer.

8.2 Location of Company Transformers, Meters and Equipment

The Customer shall provide, at Customer's expense and at a location satisfactory to the Company, a suitable place for necessary poles, lines, circuits, transformers, meters or other equipment which may be furnished by the Company.

8.3 Equipment Location Permit

If the Customer is not the owner of the Premise served or of intervening property between such Premise and the Company's main, the Customer shall obtain from such owner, or owners, in a form satisfactory to the Company, such permits or easements as are, in the opinion of the Company, necessary for the installation and maintenance on such Premise and on such intervening property, all poles, wires, or other equipment as may be necessary for the supplying of electric service to the Customer.

8.4 Access to Premise

The properly authorized agents of the Company shall have the right to enter upon the Premise of the Customer at all reasonable times for the purpose of locating, inspecting, maintaining and providing access to facilities and reading, testing, repairing or replacing the meter(s), appliances, poles, lines, circuits and other equipment used in connection with its service and removing the same on the termination of the contract or the discontinuation of service. Each meter, whether inside or outside a building, must be installed in a readily accessible location and be protected from damage, including, if installed outside a building, vehicular damage that may be anticipated. "Readily accessible" means the location should accommodate immediate access at the request of the Company for reading, inspection, repairs, testing, maintenance, and replacement of the meter. If a location is not readily accessible, or jeopardizes the safety of an authorized agent of the Company, as determined by the Company, the Company may request that the Customer take steps to correct the problem, or the Company may require the Customer to make payment to the Company of the full cost of correcting the problem.

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8.5 Tampering, Fraud, Theft or Unauthorized Use

When the Company detects fraudulent or unauthorized use of electricity, or that the Company's regulation, measuring equipment or other service facilities have been tampered with, the Company may reasonably assume that the Customer or other user has benefited by such fraudulent or unauthorized use or such tampering and, therefore, is responsible for payment of the reasonable cost of the service used during the period such fraudulent or unauthorized use or tampering occurred or is reasonably assumed to have occurred and is responsible for the cost of field calls and effecting repairs necessitated by such unauthorized use and/or tampering. In any event, the Company may require the Customer or unauthorized user to pay for such out-of-pocket costs. Under circumstances of fraud, theft, unauthorized use of electricity, tampering or alteration of the Company's regulation, measuring equipment and/or other service facilities, the Company may disconnect service without notice and is not required to reconnect the service until a deposit and all the aforementioned charges, or an estimate of such charges, are paid in full, subject to any provision in the IURC Rules to the contrary. In the event of fraud, theft or unauthorized use of electricity which is not upon or connected with a Customer's Premise, the ultimate user of the service shall be liable in the same manner as a Customer for electric service used, the incurred costs of field calls and effecting repairs, and Disconnection without notice.

8.6 Customer's Operations or Equipment

No attachment of any kind whatsoever may be made to the Company's lines, poles, crossarms, structures, or other facilities without the express written consent of the Company.

Where any Customer's utilization of or existence of equipment has characteristics which, in the Company's judgment, may cause or is causing interference, voltage fluctuations or disturbances with service to other Customers or in the Company's Transmission or Distribution system, or result in operation at a low power factor, the Customer shall, at the request of the Company, provide suitable facilities or otherwise take action to preclude such interference or improve such power factor, or both, as the case may be. Otherwise, the Company shall have the right to provide, at the expense of the Customer, the facilities necessary to preclude such condition or conditions. This right of the Company shall also include the ability to require action by Customer to comply with the standards of any governmental agency(ies) having jurisdiction or duly applicable organization including FERC, MISO, NERC and ReliabilityFirst provided that Customer shall have the right to challenge Company's determination that such compliance is required or appropriate. Customer shall provide, upon request of Company, access to Premises as described in this Rule 8, verified statements and/or other documentation as necessary to demonstrate compliance.

8.7 Customer's Generating Equipment

If the Customer has 60 hertz electric generating equipment, other than minor standby equipment for emergency use, the Customer may parallel its 60 hertz system with the Company's 60 hertz supply. The Customer shall so regulate its use of electric Energy as not to cause excessive pulsations or fluctuations in the current or voltage in the Company's system or be subject to termination of service.

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9. METERING

9.1 Meters to be Installed by Company

The electric Energy, unless otherwise specified, shall be measured by a meter or meters of standard manufacture, installed by the Company. If more than one meter is installed for a Customer that is charged under two (2) or more Rate Schedules, each meter shall be considered by itself in calculating the amount of any bills. Where building codes or other governmental regulation require a separate service for lighting or indicating exits of buildings, each meter shall be considered by itself in calculating the amount of any bills.

When for the convenience of the Company more than one meter is installed at the same Premise for the same Customer, the sum of the registration shall in all cases be taken as the total registration.

Charges for metering may be imposed in accordance with Section 15.

9.2 Meter Testing

The Company will test meters used for billing Customers in accordance with the IURC Rules (170 IAC 4-1-9).

9.3 Failure of Meter and/or Instrumentation

Whenever it is discovered that a meter is not recording within the limits of accuracy as prescribed in the IURC Rules, an adjustment shall be made in accordance with such IURC Rules. In the event of the stoppage of or the failure of any meter or metering instrumentation equipment to register an accurate amount of Energy consumed, the Customer will be charged or credited for such period on an estimated consumption based upon engineering calculations and measurements or Customer's use of Energy in a similar period of like use and consistent with the IURC Rules (170 IAC 4-1-14(B)).

9.4 Demand Metering

The electric Energy to be used under the terms of Rate Schedules requiring an IDR, shall be measured at the delivery voltage as to Maximum Demand, use of electric Energy and Power Factor determination through meters to be located in a building or buildings approved by the Company, and furnished by the Customer on the Customer's Premise. The Company shall own, furnish and install the necessary metering equipment. All bills, other than bills for the minimum payments, shall be calculated upon the registration of these meters. The meters installed on the Customer's Premise, by the Company under this Rate Schedule, shall remain the property of the Company and shall be safely kept and protected by the Customer.

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The Company shall, at all times, have the right to inspect and test meters, and if found to be defective or inaccurate, to repair or replace them at its option; provided that notice shall be given to the Customer before testing the meters so that the Customer may have its representative present, if desired. Any meter tested and found to be not more than one (1) percent inaccurate shall be considered accurate and correct but shall be adjusted to be as nearly correct as possible. If, as a result of any test hereunder, any meter shall be found inaccurate or incorrect in excess of one percent (1%), such meter shall be adjusted to be as nearly correct as possible, and the reading of such meter previously taken shall be corrected to the percentage of inaccuracy so found, but no such correction shall, without the consent of both parties, extend back beyond one-half of the period between the date of such test and the date of the last prior test showing the meter to be within one percent (1%) accurate, nor more than one year, whichever is shorter. The Company shall repair or replace a defective or inaccurate meter within a reasonable time after discovery of such defect or inaccuracy. During the time there is no meter in service or the meter in service is not registering, it shall be assumed that the Energy consumed is the same as the daily average for the most recent period of similar operation with respect to usage of Energy proceeding the time the meter is out of service. The Customer shall also have the right to require a test of meters at reasonable intervals upon giving notice of its desire to have such test made by the Company.

9.5 Meter Reading Charge – Missed Appointment (Trip Charge)

For Customers with hard-to-access meters, a Trip Charge shall be added to Customer's account in accordance with Rule 15 if Customer fails to provide access to the meter during a scheduled appointment. For purposes of this Rule, a hard-to-access meter is defined as a meter that (a) is located inside the premises of Customer, located behind a locked gate, located in an area proximate to an animal that in the judgment of the meter reader is dangerous, or is otherwise inaccessible to the meter reader or presents an unsafe condition; and (b) has not been read by a meter reader during the previous four (4) consecutive months. No Trip Charge shall be assessed if (1) the appointment is cancelled by the Customer with four hours' prior notice; (2) the Customer is not present due to a medical emergency; or (3) in NIPSCO's reasonable discretion, for any other reason that is outside of the Customer's control. Customer shall be provided the opportunity to set the time of the appointment, which must be during regular business hours and within a two-hour window of time. If two (2) appointments scheduled by the Customer are cancelled (with four hours prior notice) at the request of Customer or Customer fails to set an appointment, then the Company shall set the time of the next appointment, during regular business hours, which cannot be cancelled by the Customer. At the Company's option, assessment of a Trip Charge may be waived if Customer agrees to and permits the installation of a remote meter-reading device.

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10. DEPOSIT TO INSURE PAYMENT OF BILLS

10.1 Applicable to Residential Customers

The Company shall determine the credit-worthiness of an Applicant or Customer in an equitable non-discriminatory method and may require a deposit to insure payment of bills in accordance with Rule 15 of the IURC Rules.

10.2 Applicable to Non-Residential Customers

The Company shall determine the creditworthiness of an Applicant or Customer in an equitable non-discriminatory manner.

A Customer shall be deemed creditworthy if it has no Delinquent Bills to the Company for electric service within the last twenty-four (24) months and, within the last two (2) years has not: (a) had service disconnected for nonpayment or (b) filed a voluntary petition, has a pending petition, or has an involuntary petition filed against it, under any bankruptcy or insolvency law. For purposes of this determination a contested bill shall not be considered delinquent.

In determining the creditworthiness of Applicants, the Company shall consider the size of the credit exposure and the availability of objective and verifiable information about the Applicant. The Company may consider the Applicant's payment history from other utilities and verifiable conditions such as, but not limited to: Applicant's independently audited annual and quarterly financial statements, including an analysis of its leverage, liquidity, profitability and cash flows; and credit rating agency information.

The Company may require from any un-creditworthy Applicant or Customer, as a guarantee against the non-payment of bills, a deposit payable in cash or by letter of credit in an amount equal to the Customer's two (2) highest months usage based upon the most recent twelve (12) months historical usage or two (2) months of projected usage for an Applicant. For Customers with multiple accounts, each account will be treated individually for purposes of this Rule.

If the Company requires a deposit as a condition of providing service, upon request of the Customer or Applicant, the Company must: (a) provide written explanation of the facts upon which the utility based its decision; and (b) provide the Applicant or Customer with an opportunity to rebut the facts and show other facts demonstrating its creditworthiness.

Upon the request of the Customer, but no more than once every twenty four (24) consecutive months, the Company will conduct a reevaluation of Customer's creditworthiness with repayment of the security deposit or portion thereof as appropriate, within sixty (60) days and with written notice identifying the basis for any continued deposit.

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In the case of a cash deposit as a guarantee against the payment of bills, simple interest thereon at the rate established by the IURC shall be paid by the Company for the time such deposit is held by the Company. Upon a Customer's annual request, NIPSCO will credit any accrued interest to the Customer's Bill. Upon discontinuance of service, the amount of the final Bill will be deducted from the sum of the deposit and interest due, and the balance, if any, shall be remitted to the depositor.

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11. RENDERING AND PAYMENT OF BILLS

11.1 Payment of Bills

Bills will be issued monthly at intervals of approximately thirty (30) days and must be paid by the due date specified on the Customer's Bill at an office or an established collection agency of the Company. Bills rendered on estimated readings for service in months in which meters are not read shall have the same force and effect as those based on actual meter readings. Failure to receive a Bill shall not entitle the Customer to pay the Bill after the designated due date has passed. Upon request, the Company will advise the Customer of the approximate date on which the Bill will be mailed each month, and if the Bill is lost, the Company will issue a duplicate.

Rate 831 Customers, subject to MISO Settlements, shall comply with MISO Settlement Statements in accordance with MISO rules and standards. If not compliant, Customer shall be subject to applicable MISO and Company fees and penalties.

11.2 Payment After Due Date of Bill

A Bill is delinquent unless payment is received by the due date printed on the Bill. The due date is seventeen (17) days from the next business day of the statement date printed on the Bill. A Delinquent Bill may be assessed a Late Payment Charge equal to ten percent (10%) of the first three dollars (\$3.00) and three percent (3%) of the remaining amount that is delinquent and the Company may disconnect service after complying with any applicable IURC Rules. The company will not apply the Late Payment Charge to previous late payment fees.

Failure to receive the Bill shall not entitle the Customer to relief from the deferred payment provisions of the Bill if the Customer fails to make payment within said seventeen (17) day period, nor shall it affect the right of the Company to disconnect service for non-payment as above provided.

Once in each half calendar year, but not more often, the Company will upon the Customer's request waive the Late Payment Charge on a Delinquent Bill, provided payment is tendered not later than the last date for payment of net amount of the next succeeding month's Bill.

11.3 Billing Disputes

A Customer shall not be disconnected for failing to pay an outstanding Bill in full if the unpaid portion of the Bill is disputed by the Customer and the Customer complies with the applicable IURC Rules and any applicable MISO rules and standards.

11.4 Social Security Payment Plan

The Company may, upon request, revise the due date by up to ten (10) calendar days, provided that the Customer applies for and is accepted by the Company as a participant in the Social Security Payment Plan. In order to participate in the Social Security Payment Plan, the Customer must meet the following conditions:

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- 11.4.1 The Customer must be taking Residential Service, which must be in the Customer's name;
and
- 11.4.2 The Customer must be retired or legally disabled and must show proof of receiving monthly
social security or retirement benefits.

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12. DISCONNECTION AND RECONNECTION OF SERVICE

12.1 Customer Request for Disconnection

The Customer shall be responsible and pay for all electric service supplied to the Customer's Premise until the third business day following the requested Disconnection date given by the Customer to the Company to discontinue service.

12.2 Company Right to Disconnect Service Without Notice

The Company reserves the right to disconnect the supply of all service to all or any part of the Customer's Premise without notice in accordance with the IURC Rules for any of the following reasons:

12.2.1 If a condition dangerous or hazardous to life, physical safety or property exists;

12.2.2 Upon order by any court, the IURC or other duly authorized public authority;

12.2.3 If fraudulent or unauthorized use of electricity is detected and the Company has reasonable grounds to believe the affected Customer is responsible for such fraudulent or unauthorized use; or

12.2.4 If the Company's regulating or measuring equipment has been tampered with and the Company has reasonable grounds to believe that the affected Customer is responsible for such tampering.

No Disconnection shall invalidate any contract with the Customer and the Company shall have the right to enforce any contract notwithstanding such Disconnection. The Disconnection shall not abrogate any monthly Minimum Charge or other fee as specified in the applicable Rate Schedule or Rider.

12.3 Company Right to Disconnect Service With Notice

The Company may disconnect the supply of all service to the Customer's Premises (and refuse to serve any other member of the same household or firm at the same Premises) in accordance with the IURC Rules or other applicable law and with reasonable written notice, which shall be provided to such Customer at the address shown upon the Company's records no less than fourteen (14) days prior to Disconnection, for any of the following reasons:

12.3.1 For non-payment of Bills or failure to post a required security deposit or collateral;

12.3.2 For Customer's denial of access, including through actions or inactions not permitting adequate access, by employees of the Company to the Customer's meter or other facilities; or

12.3.3 For any other lawful reason.

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No Disconnection shall invalidate any contract with the Customer and the Company shall have the right to enforce any contract notwithstanding such Disconnection. The Disconnection shall not abrogate any monthly Minimum Charge or other fee as specified in the applicable Rate Schedule or Rider.

12.4 Reconnection Charges

Whenever service has been discontinued at a Premise (1) for non-payment of charges; (2) for failure to provide a security deposit or collateral; (3) at the request of a Customer; or (4) for any other reason authorized under the Rules and caused by the Customer's actions, a charge will be made by the Company to cover the cost of reconnection of service, in accordance with the Reconnection Charges shown in Rule 15.

In the event a Customer requests to discontinue service and requests to be reconnected within nine (9) months, the Company may assess an additional charge equal to the applicable Customer Charge multiplied by the number of months the service was disconnected.

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13. SERVICE CURTAILMENTS

13.1 Emergency Curtailment Without Regard to Priority

Company reserves the right to order electric service Curtailment without regard to the priority of service when in its judgment such Curtailment is required to forestall imminent and irreparable injury to life, property, or the electric system. Curtailment may include interruption of selected distribution circuits. A Curtailment pursuant to this Rule shall not exceed 72 consecutive hours unless otherwise authorized by the IURC.

13.2 Curtailment of Service

The Demand Charges will not be reduced for any billing month because of any disruption, suspension, reduction or Curtailment of the delivery of electric Energy, unless due to fault, neglect or culpability on the part of the Company. In any such event, the Demand Charge shall be reduced for such billing month in an amount determined as follows:

13.2.1 For reductions or Curtailments of electric Energy below Customer's Billing Demand, the Demand Charge shall be reduced by the amount of the number of kW's reduced or curtailed multiplied by the ratio of the number of hours in which the reduction or Curtailment was in force to the total number of hours for the Billing Period in which the reduction or Curtailment was in force.

13.2.2 With respect to disruption and suspensions of the delivery of electric Energy, the Demand Charge shall be reduced in the proportion that the length of time of all such service disruptions and suspensions during the billing month bears to the total number of hours in the billing Month, excluding scheduled suspensions.

The Company reserves the right to suspend service at any time when necessary to make emergency repairs. For the purpose of making other than emergency repairs or extensions to its lines, the Company reserves the right to cut off the Customer's supply of electric Energy for four (4) consecutive hours on any Sunday, or such other day or days as may be agreed to by the Customer and the Company, provided ten (10) days' notification previous to the hour of cut-off is given to the Customer. Such suspensions being scheduled suspensions referred to above.

13.3 Curtailment Procedures

In the event Company encounters or anticipates a power supply disruption, fuel shortage, or transmission/distribution emergency, or any other situation that would render Company unable to meet existing and reasonably anticipated Demands for Electric Service, which determinations shall be within Company's reasonable discretion, Company shall have the right to implement these Curtailment procedures to maintain and restore service to the extent possible under the circumstances.

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The Curtailment procedures to follow shall comply with Federal and State regulations, FERC, NERC and Reliability *First* Standards, and the MISO Standards for Curtailment, or their successors.

13.4 Curtailment Initiation

In the event a Curtailment is required in the sole judgment of the Company, Company shall have the right to curtail Electric Service to its Customers. Such Curtailment shall be effective as of the date and time specified by Company. Company shall implement its emergency plans for Curtailment to maintain and restore service to the extent possible under the circumstances. When necessary in the sole opinion of Company and to the extent possible, Electric Service shall be maintained to Human Needs Customers or other Customers who would otherwise be curtailed, to the extent necessary and practicable under the circumstances.

13.5 Curtailment Notification

If advance notification is possible, Company shall give notification of Curtailment in the most effective manner possible and with as much advance notice as reasonably possible, considering the circumstances and the number of Customers to be notified.

13.6 Lifting of Curtailment

Service shall be restored to Customers pursuant to its emergency plans for Curtailment.

A Customer who is mandated to curtail Energy use, either by order of an appropriate governmental agency or under application of these Rules, and who solely because of the mandate becomes subject to the ratchet provisions of an applicable Rate Schedule, will for the period during which the mandate is in effect be excluded from meeting the provisions of the ratchet requirements of the Rate Schedule.

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14. LIMITATIONS OF LIABILITY, INDEMNIFICATION AND INSURANCE

- 14.1 Neither Company nor Customer shall be liable to the other for any act, omission or event caused by strikes, acts of God, or unavoidable accidents or contingencies beyond its control.
- 14.2 Company shall not be liable for damages for any failure to supply electricity or for an Interruption, limitation, or Curtailment of Electric Service, whether or not such disruption is ordered by a governmental agency having jurisdiction or duly applicable organization including MISO, FERC, NERC and ReliabilityFirst, if such failure, Interruption, limitation, or Curtailment is due to the inability of Company to obtain sufficient electric supplies at economical prices from its usual and regular sources or due to any other cause whatsoever other than willful default or negligence of Company.
- 14.3 Company shall not be liable for damages caused by wiring, electrical appliances or equipment on Customer's Premises.
- 14.4 Company shall not be liable for damages resulting to Customer or to third persons from the presence or use of electricity or the presence of Company's equipment on Customer's Premises, unless due to the willful default or negligence on the part of Company.
- 14.5 Customer shall not make any internal or external adjustment to or otherwise interfere with or break the seals of meters or any other Company owned equipment ("Company Property") installed on Customer's premises, and Customer shall insure that no one except employees or agents of the Company do so. Customer shall provide and maintain suitable protective devices on Customer property to prevent any loss, injury, or damage that might result from single-phasing conditions or any other fluctuation or irregularity in the supply of electricity to Customer's premises. The Company shall not be liable for any loss, injury, or damage resulting from a single-phasing condition or any other fluctuations or irregularity in the supply of energy which could have been prevented by the use of such protective devices. In the event of loss or damage to the Company's personal property, including Company Property, through willful misconduct, misuse, or negligence on the part of Customer or its employees, agents or representatives, Customer shall be liable and shall pay to the Company the cost of the necessary repairs or replacement of Company Property. Customer shall also be liable for any injury to any person, including the loss of life, caused by willful misconduct, misuse or negligence on the part of Customer or its employees, agents or representatives. Customer shall indemnify and hold harmless Company from and against all claims, liability, damages, losses, fines, penalties and expenses based on any injury to any person, including the loss of life, or damage to any property, including the 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, willful misconduct, misuse or negligence on the part of Customer or its employees, agents or representatives.

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Applicable to Electric Service

15. MISCELLANEOUS AND NON-RECURRING CHARGES

15.1 Reconnection Charges

Whenever the service has been turned off by the Company in accordance with Rule 12, a charge will be made by the Company to cover the cost of reconnection of service, which charge shall be as follows:

15.1.1 Reconnection at the meter

Reconnect during normal working hours (8:00 a.m. to 5:00 p.m.)	\$90.00
Reconnect after normal working hours (Monday through Friday) Saturday	\$110.00
Reconnect on Sunday and Holidays	\$130.00

15.1.2 Reconnection at the pole

Reconnect during normal working hours (8:00 a.m. to 5:00 p.m.)	\$150.00
Reconnect after normal working hours (Monday through Friday) Saturday	\$180.00
Reconnect on Sunday and Holidays	\$210.00

15.1.3 Reconnection at the pole with an easement

Reconnect during normal working hours (8:00 a.m. to 5:00 p.m.)	\$210.00
Reconnect after normal working hours (Monday through Friday) Saturday	\$250.00
Reconnect on Sunday and Holidays	\$290.00

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15.2 Non-Sufficient Funds

A charge of \$20.00 to reimburse the Company for its cost incident to Non-Sufficient Funds will be assessed.

15.3 After Hours / Same Day Charge.

If Customer requests that electric service be initially connected or disconnected outside of normal business hours or on the same day the request is submitted, Customer shall be charged an After Hours / Same Day Charge of \$55.00 in addition to any other applicable charges for each connection or Disconnection.

15.4 Trip Charge.

If Customer schedules an appointment in association with a service request, and the Company's serviceman is not able to gain access to Company's facilities due to the absence of the Customer, the Customer shall be charged a Trip Charge in the amount of \$40.00 at the time an appointment is rescheduled by the Customer.

15.5 AMR Opt-Out Charge.

If Customer does not permit Company to install a meter employing AMR on Customer's Premise, Company shall charge Customer a monthly AMR Opt-Out Charge of \$15 per service location each month to recognize the cost of manually reading the meter. The charge shall cease to be applied once an AMR meter is installed and Company receives the first automatic reading from the meter. If Customer already has an AMR meter, Company will not replace it with a non-AMR meter at Customer's request. In the event that a non-AMR fails, Company will replace it with an AMR meter.

A Customer who does not permit installation includes a Customer who communicates to the Company that AMR installation is refused; does not timely respond to the Company's request to schedule an AMR meter installation; fails to complete the installation appointment; or otherwise does not allow the Company to use AMR for the Customer's service. A Customer who misses an AMR installation appointment will also be subject to the Trip Charge under Rules 9.5 and 15.4.

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RATE 811
RATE FOR ELECTRIC SERVICE
RESIDENTIAL

Sheet No. 1 of 1

TO WHOM AVAILABLE

Available for Residential Service to qualified Residential single-family homes and farm Customers if service to the single-family home is separately metered. The Customer's service must be located on the Company's Distribution Lines suitable and adequate for supplying the service requested. Service is subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

Alternating current, 60 hertz, Secondary and Primary Service as designated by the Company.

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Energy consumption by a Watt-Hour Meter to be installed by the Company.

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Customer Charge, an Energy Charge and applicable Riders as identified in Appendix A. The Customer Charge and Energy Charge are as follows:

Customer Charge

\$17.00 per month.

Energy Charge

\$0.127056 per kWh for all kWhs used per month.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the Customer Charge and applicable Riders as identified in Appendix A.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 820
RATE FOR ELECTRIC SERVICE
COMMERCIAL AND GENERAL SERVICE – HEAT PUMP

Sheet No. 1 of 2

TO WHOM AVAILABLE

Available to Commercial and General Service Customers who are certified by the Company to meet or exceed the energy efficient standards and who have suitable metering equipment acceptable to the Company. The Customer's service must be located on the Company's electric supply lines suitable and adequate for supplying the service requested. Service is subject to the conditions set forth in this Rate Schedule and the Company Rules.

The Customer must have a Company accepted heat pump or other electric energy efficient heating/cooling device as of the December 21, 2011 final Order in Cause No. 43969 and must operate that heat pump as the primary heating/cooling source for the Premise. The device must be permanently installed and the customer shall utilize the heat pump, device and/or associated appliance for both heating and cooling the same space. The Customer must arrange the wiring for the permanently installed heating/cooling equipment to permit measurement of the energy use of such heating and cooling equipment by suitable metering equipment as specified by the Company.

Service for heating and cooling shall be billed as follows: (1) Energy used by such heating and cooling equipment during any period more than half of which is in any month of May to September, inclusive, shall be deemed to be supplied for spacecooling and will be billed under the applicable electric Rate Schedule; and (2) Energy used by such heating and cooling equipment during other periods of the year shall be deemed to be supplied for spaceheating and will be billed under this Rate Schedule.

For Customers converting existing heating/cooling systems to heating/cooling systems which qualify under this Rate Schedule, who cannot, in the opinion of the Company, economically justify separately metering the heating/cooling equipment, a base usage shall be established which will consist of the average of the kWhs and the kW Demand billed during the billing months of May and October of the current year. Any energy and/or Demand used in excess of the base usage during any Billing Period more than half of which is within any calendar month from October to April, inclusive, shall be deemed to be supplied for spaceheating and will be billed under this Rate Schedule. All other use will be billed under the applicable rate schedule. The base usage(s) will be updated annually prior to the start of the heating season.

CHARACTER OF SERVICE

The Company will supply service at such frequency, phase, regulation and voltage as it has available at the location where service is requested. Service under this Rate Schedule shall be available only at the same voltage as other electric service supplied to the Premise. Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

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**RATE 820
RATE FOR ELECTRIC SERVICE
COMMERCIAL AND GENERAL SERVICE – HEAT PUMP**

Sheet No. 2 of 2

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Energy consumption by a Watt-Hour Meter to be installed by the Company.

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Customer Charge, an Energy Charge and applicable Riders as identified in Appendix A. The Customer Charge and Energy Charge are as follows:

Customer Charge

\$30.00 per month.

Energy Charge

\$0.085931 per kWh for all kWhs used per month.

For customers converting from electric spaceheating to natural gas, upon suitable verification acceptable to the Company, the Company will provide a one-time credit of \$25.00 per permanently installed spaceheating unit.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the Customer Charge and applicable Riders as identified in Appendix A.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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**RATE 821
RATE FOR ELECTRIC SERVICE
GENERAL SERVICE - SMALL**

Sheet No. 1 of 1

TO WHOM AVAILABLE

Available for service to General Service Customers located on the Company's Distribution Lines suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

The Company will supply service at such frequency, phase, regulation and voltage as it has available at the location where service is requested. Service under this Rate Schedule shall be available only at the same voltage as other electric service supplied to the Premise. Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate shall be measured as to Energy consumption by a Watt-Hour Meter to be installed by the Company.

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Customer Charge, an Energy Charge and applicable Riders as identified in Appendix A. The Customer Charge and Energy Charge are as follows:

Customer Charge

\$30.00 per month.

Energy Charge

\$0.148175 per kWh for all kWhs used per month.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the Customer Charge; except that for Three-Phase service, the Minimum Charge shall be \$44.00 per month. In addition, applicable Riders as identified in Appendix A shall be added to the monthly Minimum Charge.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 822
RATE FOR ELECTRIC SERVICE
COMMERCIAL SPACEHEATING

Sheet No. 1 of 2

TO WHOM AVAILABLE

Available for electric spaceheating to Commercial Customers who, as of the December 21, 2011, final Order in Cause No. 43969 have arranged the wiring for permanently installed spaceheating equipment to permit measurement of the Energy use of such equipment by suitable metering equipment as specified by the Company. The Customer's service must be located on the Company's electric supply lines suitable and adequate for supplying the service requested. Service is subject to the conditions set forth in this Rate Schedule and Company Rules.

Available to Commercial Customers for both heating and cooling the same space who have arranged the wiring for permanently installed spaceheating and spacecooling equipment to permit measurement of the Energy use of such heating and cooling equipment by suitable metering equipment as specified by the Company.

Service for heating and cooling shall be billed as follows: (1) Energy used by such heating and cooling equipment during any Billing Period more than half of which is in any month of May to September, inclusive, shall be deemed to be supplied for spacecooling and will be billed under the applicable electric rate schedule; and (2) Energy used by such heating and cooling equipment during other periods of the year shall be deemed to be supplied for spaceheating and will be billed under this Rate Schedule.

CHARACTER OF SERVICE

The Company will supply service at such frequency, phase, regulation and voltage as it has available at the location where service is requested. Service under this Rate Schedule shall be available only at the same voltage as other electric service supplied to the Premise. Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate shall be measured as to Energy consumption by a Watt-Hour Meter to be installed by the Company.

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Customer Charge, an Energy Charge and applicable Riders as identified in Appendix A. The Customer Charge and Energy Charge are as follows:

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RATE 822
RATE FOR ELECTRIC SERVICE
COMMERCIAL SPACEHEATING

Sheet No. 2 of 2

RATE (Continued)

Customer Charge

\$30.00 per month

Energy Charge

\$0.101220 per kWh for all kWhs used per month

For Customers converting from electric spaceheating to natural gas, upon suitable verification acceptable to the Company, the Company will provide a one-time credit of \$25.00 per permanently installed spaceheating unit.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the Customer Charge and applicable Riders as identified in Appendix A.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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**RATE 823
RATE FOR ELECTRIC SERVICE
GENERAL SERVICE - MEDIUM**

Sheet No. 1 of 3

TO WHOM AVAILABLE

Available for service to General Service Customers located on the Company's electric supply lines suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

The Company will supply service from its electric supply lines at only such frequency, phase, regulation, and one standard Secondary voltage or the available Primary voltage in the location where service is requested. (See Company Rule 3 for the Company's standard voltages.)

When the Customer under this Rate Schedule elects to take service to the Premise through separate meters the readings of such meters will not be combined, but will be computed separately under this Rate Schedule for each meter supplied. When the customer desires combined metering the Customer shall provide upon Customer's Premise and at Customer's expense the proper insulating transformers, regulators, and other equipment necessary to split the service. Load shall be balance between phases, if in the judgment of the Company such balancing is necessary.

For Customers utilizing thermal storage, the Customer must arrange the wiring for the thermal storage equipment to permit the measurement of the Demand and Energy use of such equipment by suitable metering equipment as specified by the Company. The Company shall at all times, have the right to inspect such metering to insure that such service metered is exclusively thermal storage use.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand and Energy consumption by an IDR or a DI Meter to be installed by the Company.

RATE

The rate for electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. The Demand Charge and Energy Charge are as follows:

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RATE 823
RATE FOR ELECTRIC SERVICE
GENERAL SERVICE - MEDIUM

Sheet No. 2 of 3

RATE (Continued)

Demand Charge

\$263.50 per month for the first 10 kW or less of Maximum Demand per month
\$12.03 per kW per month for all over 10 kW of Maximum Demand per month

Energy Charge

\$0.094046 per kWh for all kWhs used per month

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be equivalent to the Monthly Demand Charge applicable to eighty percent (80%) of the highest Billing Demand of the immediately preceding twelve (12) months, provided however, that in no case shall the Monthly Demand Charge be less than \$263.50. In addition, applicable Riders as identified in Appendix A shall be added to the monthly Minimum Charge.

DETERMINATION OF MAXIMUM DEMAND

Customer's maximum Demand in any month shall be determined by suitable metering equipment acceptable to the Company. The maximum Demand of electric Energy supplied in any month shall be taken as the highest average load in kWhs occurring during any thirty (30) consecutive minutes of the month; provided, however, that if such load shall be less than fifty percent (50%) of the maximum momentary Demand in kW, then the maximum Demand shall be taken at fifty percent (50%) of such maximum momentary Demand. However, for Customers utilizing thermal storage, the maximum Demand shall be limited to the greater of the actual maximum Demand occurring during the On-Peak Hours or fifty percent (50%) of the maximum Demand occurring during the Off-Peak Hours.

PRIMARY METERING ADJUSTMENT

If, at the Company's option and in its sole discretion, the service is metered at the Company's Primary Line voltage, three percent (3%) of the kWhs so metered will be deducted before computing the Energy Charge.

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RATE FOR ELECTRIC SERVICE
GENERAL SERVICE - MEDIUM

Sheet No. 3 of 3

THERMAL STORAGE USE

In order to qualify as thermal storage use under this Rate Schedule, the thermal storage system must be capable of supplying at least forty percent (40%) of the Btu's required for the conditioned space during the On-Peak period.

For Customers utilizing thermal storage, the total kWhs billed hereunder will be reduced by the Off-Peak kWh use of thermal storage equipment before application of the Energy Payment provision of this Rate Schedule. The Off-Peak thermal storage energy shall be billed at the Thermal Storage Energy Charge of \$0.083534 per kWh for all Off-Peak thermal storage kWhs used per month.

HOURS OF SERVICE

Off-Peak Hours of service applicable to thermal storage use are those commencing at 9:00 p.m. C.S.T. and ending at 9:00 a.m. C.S.T., the following day and twenty-four (24) hours on Saturday, Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. On-Peak Hours are all other hours.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 824
RATE FOR ELECTRIC SERVICE
GENERAL SERVICE – LARGE

Sheet No. 1 of 5

TO WHOM AVAILABLE

Available for service to General Service Customers located on the Company's electric supply lines suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

The Company will supply service to the extent of the capacity available from its electric supply lines, at only such frequency, phase, regulation and one (1) standard Secondary voltage, or the available Primary or Transmission voltage at the location where service is requested.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

The Customer will supply in accordance with plans and specifications furnished by the Company and at a mutually agreed upon location on the Customer's property, suitable buildings, structures, and foundations to house and support the metering and any protecting, switching and relaying equipment that may be supplied by the Company.

For Customers utilizing thermal storage, the Customer must arrange the wiring for the thermal storage equipment to permit the measurement of the Demand and Energy use of such equipment by suitable metering equipment as specified by the Company. The Company shall, at all times, have the right to inspect such metering to ensure that such service metered is exclusively thermal storage use.

The minimum Billing Demand under this Rate Schedule shall be 50 kW. The Company shall not supply Demand in excess of 25,000 kW under this Rate Schedule.

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand, Energy consumption and Power Factor, by suitable meters to be installed by the Company.

RATE

The electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. Subject to the adjustments herein provided, the Demand Charge and Energy Charge are as follows:

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RATE FOR ELECTRIC SERVICE
GENERAL SERVICE – LARGE

Sheet No. 2 of 5

RATE (Continued)

Demand Charge

\$1,052.00 per month for the first 50 kW or less of Billing Demand per month
\$13.77 per kW per month for the next 1,950 kW of Billing Demand per month
\$13.22 per kW per month for all over 2,000 kW of Billing Demand per month

Energy Charge

\$0.090220 per kWh for the first 30,000 kWhs used per month
\$0.082520 per kWh for the next 70,000 kWhs used per month
\$0.078970 per kWh for the next 900,000 kWhs used per month
\$0.075370 per kWh for all over 1,000,000 kWhs used per month

ADJUSTMENTS

1. Deduction for Primary Service:

If the service is taken by the Customer at the Customer's property line and at the Company's Primary Line voltage of 11,500 volts or 12,500 volts, and the Customer supplies and maintains all high tension and transforming equipment installed on the Customer's Premise, \$0.72 per kW of monthly Billing Demand will be deducted from the monthly Demand Charge.

2. Deduction For Subtransmission and Transmission Service:

If the service is taken by the Customer at the Customer's property line and at a supply line voltage of 34,500 volts or above, and the Customer supplies and maintains all high tension and transforming equipment installed on the Customer's Premise, \$0.90 per kW of monthly Billing Demand will be deducted from the monthly Demand Charge.

3. Deduction for Primary Metering:

If, at the Company's option and in its sole discretion the service is metered at the Company's Primary or Transmission Line voltage, three percent (3%) of the kWhs so metered will be deducted before computing the Energy Charge.

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GENERAL SERVICE – LARGE

Sheet No. 3 of 5

MONTHLY MINIMUM CHARGE

1. Customers Requiring Less Than 3,000 kW of Demand:

The Customer's monthly Minimum Charge under this Rate Schedule shall be equivalent to the monthly Demand Charge applicable to eighty percent (80%) of the highest Billing Demand of the immediately preceding twelve (12) months, provided however, that in no case shall the monthly Demand Charge be less than \$1,052.00. In addition, applicable Riders as identified in Appendix A shall be added to the Monthly Minimum Charge.

2. Customers Requiring 3,000 kW or More of Demand:

For any Customer with a contract demand of 3,000 kW or more, Customer's monthly Minimum Charge shall be the amount determined by applying a rate of \$13.70 per kW to the Customer's contract demand. In addition, applicable Riders as identified in Appendix A shall be added to the Monthly Minimum Charge.

DETERMINATION OF MAXIMUM DEMAND

Customer's Maximum Demand in any month shall be determined by suitable metering acceptable to the Company. The Maximum Demand of electric Energy supplied in any month shall be taken as the highest average load in kW occurring during any thirty (30) consecutive minutes of the month; provided, however, that if such load shall be less than fifty percent (50%) of the maximum momentary Demand in kW, then the Maximum Demand shall be taken at fifty percent (50%) of such maximum momentary Demand. However, for Customers utilizing thermal storage, the Maximum Demand shall be limited to the greater of the actual Maximum Demand occurring during the On-Peak Hours or fifty percent (50%) of the Maximum Demand occurring during the Off-Peak Hours.

ALTERNATE DETERMINATION OF MAXIMUM DEMAND FOR CUSTOMERS WITH REQUIRED CAPACITY IS IN EXCESS OF 10,000 KW

The Customer's Demand of electric Energy supplied shall be determined for each half-hour interval of the month and said Demand in kW for each half-hour interval shall be two (2) times the number of kWh recorded during each such half-hour interval. The phrase "half-hour interval" shall mean the thirty (30) minute period beginning or ending on a numbered clock as indicated by the clock controlling the metering equipment. The Maximum Demand shall be the greatest such half-hour interval Demand. However, for Customers utilizing thermal storage, the Maximum Demand shall be limited to the greater of the actual Maximum Demand occurring during the On-Peak Hours or fifty percent (50%) of the Maximum Demand occurring during the Off-Peak Hours.

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RATE FOR ELECTRIC SERVICE
GENERAL SERVICE – LARGE

Sheet No. 4 of 5

DETERMINATION OF BILLING DEMAND

The service supplied by the Company shall be taken by the Customer whenever possible at an Average Power Factor of not less than eighty percent (80%) Lagging. The Billing Demand for the month shall be determined as follows: (1) If the Average Power Factor for the month is within the range of eighty percent (80%) Lagging to ninety percent (90%) Lagging, the Billing Demand for the month shall be the Maximum Demand; (2) If the Average Power Factor for the month is less than eighty percent (80%) Lagging, the Billing Demand for the month shall be the Maximum Demand increased at the rate of 1% for each 1% of the Average Power Factor below eighty percent (80%) Lagging; (3) If the Average Power Factor for the month is more than ninety percent (90%) Lagging, the Billing Demand for the month shall be the Maximum Demand decreased at the rate of 1% for each 1% of the Average Power Factor above ninety percent (90%) Lagging. The minimum Billing Demand under this Rate Schedule shall be 50 kW.

DETERMINATION OF AVERAGE POWER FACTOR

The Average Power Factor for the month shall be determined by computation from the registration of a Watt-Hour Meter, and a reactive volt-ampere-hour meter, by dividing the registration of the Watt-Hour Meter by the square root of the sum of the square of the registration of the Watt-Hour Meter and the square of the registration of the reactive volt-ampere-hour meter. If the Power Factor is leading during any interval of time, it shall be considered to be unity during such interval of time.

Metering of Power Factor for loads of new Customers for their initial three (3) month period under this Rate Schedule, and for Customers requiring less than 300 kW regularly, may, at the option of the Company, be omitted; in which case the Power Factor of the Customer shall be considered to be within the range of eighty percent (80%) Lagging to ninety percent (90%) Lagging.

THERMAL STORAGE USE

In order to qualify as thermal storage use under this Rate Schedule, the thermal storage system must be capable of supplying at least forty percent (40%) of the Btu's required for the conditioned space during the On-Peak Hours, which are defined as those hours not defined as Off-Peak Hours in this Rate Schedule.

For Customers utilizing thermal storage, the total kWhs billed hereunder will be reduced by the Off-Peak kWh use of thermal storage equipment before application of the Energy Charge provision of this Rate Schedule. The Off-Peak thermal storage energy shall be billed at the Thermal Storage Energy Charge of \$0.083534 per kWh for all Off-Peak thermal storage kWhs used per month.

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GENERAL SERVICE – LARGE

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HOURS OF SERVICE

Off-Peak Hours of service applicable to thermal storage use are those commencing at 9:00 p.m. C.S.T. and ending at 9:00 a.m. C.S.T., the following day and twenty-four (24) hours on Saturday, Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. On-Peak Hours are all other hours.

GENERAL TERMS AND CONDITIONS OF SERVICE

1. Contract

Any Customer requesting service under this Rate Schedule for 3,000 kW or more of Demand shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month to month for a period of not more than five (5) Contract Years thereafter unless cancelled by either party giving to the other sixty (60) days' prior written notice of the termination of such contract at the end of the initial period or at the end of any calendar month thereafter.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

2. Default Schedule

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 825
RATE FOR ELECTRIC SERVICE
METAL MELTING SERVICE

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TO WHOM AVAILABLE

Available to Industrial Customers who have substantial requirement for electric metal melting and/or holding equipment and are located adjacent to existing electric facilities adequate to meet the Customer's requirements. Total capacity to be made available under this Rate Schedule is limited to 100 MWs. This Rate Schedule is available to Industrial Customers with electric metal melting and/or holding equipment and a maximum thirty (30) minute On-Peak Demand for a Billing Period that is less than fifty percent (50%) of their maximum thirty (30) minute Off-Peak Demand for that same Billing Period.

A Customer requesting service hereunder is required to contract for a specific amount of electrical capacity which shall be not less than 500 kW. The Company shall not supply Demand in excess of 12,000 kW under this Rate Schedule. The Company shall not be obligated to supply capacity in excess of that specified in the contract.

CHARACTER OF SERVICE

The Company will supply service to the extent of the capacity available from its electric supply lines, at such frequency, phase, regulation and one (1) standard Secondary voltage of 480 volts or above or the available Primary or Transmission Line voltage at the location where service is requested. (See Company Rule 3 for the Company's standard voltages.)

The Customer will supply in accordance with plans and specifications furnished by the Company and at a mutually agreed upon location on the Customer's property, suitable buildings, structures, and foundations to house and support the metering and any protecting, switching and relaying metering equipment that may be supplied by the Company.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

HOURS OF SERVICE

Off-Peak Hours of service are those commencing at 7:00 p.m. C.S.T. and ending at 11:00 a.m. C.S.T. the following day and twenty-four (24) hours on Saturday, Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. On-Peak Hours are all other hours, provided, however that the customer may, at its discretion, provide on an annual basis, the five (5) consecutive hours it designates as On-Peak Hours and the remaining three (3) hours will also be considered as Off-Peak Hours.

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DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand, Energy consumption and Power Factor, by suitable meters to be installed by the Company.

RATE

The electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. Subject to the adjustments herein provided, said rate is as follows:

Demand Charge

\$12,240.00 per month for the first 500 kW's or less of Billing Demand per month.

\$23.38 per kW per month for all over 500 kW's of Billing Demand per month.

Energy Charge

\$0.053328 per kWh for all kWh's used per month.

If a Customer fails to comply with a Curtailment, the Customer shall be subject to the above Energy Charge during a Curtailment and, the Customer shall also be liable for any charges and/or penalties assessed to Company from any governmental agency(ies) having jurisdiction or duly applicable organization including FERC, MISO, NERC and ReliabilityFirst for failure to comply with a Curtailment. Penalties and charges may be, but are not limited to, penalties associated with disqualification as a Load Modifying Resource.

DEDUCTIONS AND ADJUSTMENTS

1. Metering:

If, at the Company's option and in its sole discretion, the metering is installed at a voltage level at or above a nominal 12,500 volts, the kWh's metered in each Billing Period will be reduced by one percent (1%) before computing the Energy Charge, and the Maximum Demand in each Billing Period will be reduced by one percent (1%) before the Billing Demand is determined. The Company shall provide the Customer an accurate method of Demand clock synchronization or an "On-Peak" start/stop pulse.

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DEDUCTIONS AND ADJUSTMENTS (Continued)

2. Subtransmission and Transmission Service:

If service is taken by the Customer at 34,500 volts or 69,000 volts, and if the Customer supplies and maintains all transformation equipment (34,500 volts or 69,000 volts to utilization voltage), the monthly Demand Charge will be reduced by \$0.90 per kW of monthly Billing Demand.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the sum of the Demand Charge plus the Energy Charge, subject to the adjustments herein provided; however, in no case shall the monthly Demand Payment be less than \$12,240.00. In addition, applicable Riders as identified in Appendix A shall be added to the monthly Minimum Charge.

DETERMINATION OF MAXIMUM DEMAND

The Customer's Maximum Demand in any month shall be determined by suitable metering equipment acceptable to the Company. The Customer's Demand of electric Energy supplied shall be determined for each half-hour interval of the month. The phrase "half-hour interval" shall mean a thirty (30) minute period beginning or ending on a numbered clock hour as indicated by the clock controlling the metering equipment.

DETERMINATION OF BILLING DEMAND

The Billing Demand for the month shall be the greatest of the following:

- (1) The maximum metered On-Peak half-hour Demand, adjusted for Power Factor.
- (2) Thirty percent (30%) of the maximum metered Off-Peak half-hour demand, adjusted for Power Factor.
- (3) Seventy-five percent (75%) of the highest Billing Demand established in the immediately preceding eleven (11) months.
- (4) 500 kW.

DETERMINATION OF PEAK POWER FACTOR

The Power Factors shall be calculated, using the maximum On-Peak Demand and the maximum Off-Peak Demand, each expressed in kW, and the Lagging kVAR supplied during the same half-hour interval in which said Demands occur.

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POWER FACTOR ADJUSTMENT

For Power Factors of less than ninety-five percent (95%) Lagging, the applicable Demand shall be corrected by multiplying said Demand by .95 and dividing by the Power Factor for the same half-hour interval in which said Demand occurs.

If a Power Factor is equal to or in excess of ninety-five (95%) Lagging, then no Power Factor Adjustment is made.

GENERAL TERMS AND CONDITIONS OF SERVICE

1. Contract

Any Customer requesting service under this Rate Schedule shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month to month for a period of not more than five (5) Contract Years thereafter unless cancelled by either party giving to the other sixty (60) days' prior written notice of the termination of such contract at the end of the initial period or the end of any calendar month thereafter.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

2. Default Schedule

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

3. On-Peak Demand

To the extent Customer has a maximum thirty (30) minute On-Peak Demand for a Billing Period that is greater than fifty percent (50%) of their maximum thirty (30) minute Off-Peak Demand for that same Billing Period for three (3) consecutive Billing Periods, then Customer shall not be eligible for this Rate Schedule and Company shall provide service under another applicable Rate Schedule.

4. Exigent Circumstances

To the extent exigent circumstances exist, the Company may by written notice, at its option, make available additional Off-Peak Hours of service.

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RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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OFF-PEAK SERVICE**

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TO WHOM AVAILABLE

Available to Non-Residential Customers who are located on the Company's electric supply lines suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

A Customer requesting service hereunder shall be not less than 200 kW of electrical capacity. The Company shall not supply Demand in excess of 15,000 kW under this Rate Schedule.

CHARACTER OF SERVICE

The Company will supply service to the extent of the capacity available from its electric supply lines, at such frequency, phase, regulation and normal distribution service voltage or transmission service voltage of 34,500 volts or 69,000 volts as it has available at the location where service is requested. (See Company Rule 3 for the Company's standard voltages.)

The Customer will supply in accordance with plans and specifications furnished by the Company and at a mutually agreed upon location on the Customer's property, suitable buildings, structures, and foundations to house and support the metering and any protecting, switching and relaying equipment that may be supplied by the Company.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

HOURS OF SERVICE

Off-Peak Hours of service are those commencing at 9:00 p.m. C.S.T. and ending at 9:00 a.m. C.S.T., the following day and twenty-four (24) hours on Saturday, Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand, Energy consumption and kVAR by an IDR to be installed by the Company.

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**RATE 826
RATE FOR ELECTRIC SERVICE
OFF-PEAK SERVICE**

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RATE

The rate for electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. Subject to the adjustments below, the Demand Charge and Energy Charge are as follows:

Demand Charge

\$5,798.00 per month for the first 200 kW's or less of Billing Demand per month.
\$27.89 per kW per month for the next 500 kW's of Billing Demand per month.
\$26.78 per kW per month for the next 1,300 kW's of Billing Demand per month.
\$26.23 per kW per month for all over 2,000 kW's of Billing Demand per month.

Energy Charge

\$0.049250 per kWh for all kWh's used per month.

ADJUSTMENTS

1. Metering:

If, at the Company's option and in its sole discretion, the metering is installed at a voltage level at or above a nominal 12,000 volts, the kWh's metered will be reduced by one percent (1%) before computing the Energy Charge, and the Maximum Demand in each Billing Period will be reduced by one percent (1%) before the Billing Demand is determined.

2. Primary Service:

If service is taken by the Customer at a nominal 12,000 volts and if the Customer supplies and maintains all transformation equipment (nominal 12,000 volts to utilization voltage), the monthly Demand Charge will be reduced by \$0.72 per kW of monthly Billing Demand.

3. Subtransmission and Transmission Service:

If service is taken by the Customer at 34,500 volts or 69,000 volts, and if the Customer supplies and maintains all transformation equipment (34,500 volts or 69,000 volts to utilization voltage), the monthly Demand Charge will be reduced by \$0.90 per kW of monthly Billing Demand.

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MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the sum of the Demand Charge plus the Energy Charge, subject to the adjustments herein provided; however, in no case shall the monthly Demand Charge be less than \$5,798.00. In addition, applicable Riders as identified in Appendix A shall be added to the monthly Minimum Charge.

DETERMINATION OF MAXIMUM DEMAND

The Customer's Maximum Demand in any month shall be determined by suitable metering equipment acceptable to the Company. The Customer's Demand of electric Energy supplied shall be determined for each half-hour interval of the month. The phrase "half-hour interval" shall mean a thirty (30) minute period beginning or ending on a numbered clock hour as indicated by the clock controlling the metering equipment.

DETERMINATION OF BILLING DEMAND

The Billing Demand for the month shall be the greatest of the following:

- (1) The maximum metered On-Peak half-hour Demand, adjusted for Power Factor.
- (2) Sixty percent (60%) of the maximum metered Off-Peak half-hour Demand, adjusted for Power Factor.
- (3) Sixty percent (60%) of the highest Billing Demand established in the immediately preceding eleven (11) months.
- (4) 200 kW.

DETERMINATION OF POWER FACTOR

The Power Factors shall be calculated, using the maximum On-Peak Demand and the maximum Off-Peak Demand, each expressed in kW, and the Lagging reactive kilovolt-amperes supplied during the same half-hour interval in which said Demands occur.

POWER FACTOR ADJUSTMENT

For Power Factors of less than ninety-five percent (95%) Lagging, the applicable Demand shall be corrected by multiplying said Demand by .95 and dividing by the Power Factor for the same half-hour interval in which said Demand occurs.

If a Power Factor is equal to or in excess of ninety-five percent (95%) Lagging, then no Power Factor Adjustment is made.

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OFF-PEAK SERVICE

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GENERAL TERMS AND CONDITIONS OF SERVICE

1. Default Schedule

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE FOR ELECTRIC SERVICE
INDUSTRIAL POWER SERVICE – SMALL

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TO WHOM AVAILABLE

Available to Industrial Customers taking service at Transmission or Subtransmission voltage whose plants are located adjacent to existing electric facilities having Transmission or Subtransmission capacity sufficient to meet the Customer's requirements.

The Customer shall contract for a definite amount of electrical capacity which shall be not less than 10,000 kW and not exceed 25,000 kW. Those Premises being served under Rate 732 or 733 on October 31, 2018 that satisfy the maximum capacity limitation may elect to be grandfathered into Rate 830 and those Premises shall remain eligible for this Rate Schedule regardless of any change in name, ownership, or operation of those facilities. The Company shall not be obligated to supply capacity in excess of that specified in the contract.

Customers taking Back-up, Maintenance and Temporary Services under this Rate Schedule shall be subject to Curtailments when curtailment of the Company's Customers under Rate 831 is insufficient. Service under this Rate Schedule is subject to the conditions set forth in this Rate and the Company Rules. Except for Buy-Through Energy under Temporary Service or Back-up Service, this Rate Schedule shall be subject to other Riders as identified on Appendix A.

CHARACTER OF SERVICE FOR SUPPLY OF METERED TRANSMISSION OR SUBTRANSMISSION SERVICE

The Company will supply Primary of metered Transmission or Subtransmission service to the extent of the capacity available from its electric supply lines, at such frequency, phase, regulation and voltage as it has available at the location where service is requested.

The Customer, at its own expense, shall furnish, supply, install and maintain, beginning at the point of delivery, all necessary equipment for transmitting, protecting, switching, transforming, converting, regulating, and utilizing said electric Energy on the Premise of the Customer.

The Customer will also supply in accordance with plans and specifications furnished by the Company and at a mutually agreed upon location on the Customer's property, suitable buildings, structures, and foundations to house and support the metering and any protecting, switching, and relaying equipment that may be supplied by the Company.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

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CHARACTER OF SERVICE FOR BACK-UP, MAINTENANCE AND TEMPORARY SERVICE

Subject to the provisions applicable to Back-up, Maintenance or Temporary Service under this Rate Schedule, Customer shall request in writing, which can be via electronic mail, an amount of capacity and the duration of said capacity needed. The Company shall by written notice, which can be via electronic mail, confirm the amount of capacity it is willing to accept as load on its system and the duration of said capacity available to the Customer.

Back-up Service

Subject to the requirements of Back-up Service under this Rate Schedule, the amount confirmed by Company shall be deemed firm load, subject to Curtailments. Confirmation of a Customer request for Back-up Service under this Rate Schedule shall not be withheld by the Company provided the request for Back-up Service is made in full conformance with the terms and conditions for Back-up Service under this Rate Schedule.

A Customer with verified electric generation capable of meeting the efficiency standards established for a Cogeneration Facility (“Cogeneration Systems”) may request (including on a pre-qualifying basis) Back-up Service that may only be available for up to forty-five (45) calendar days per Cogeneration System per twelve (12) rolling months. Eligibility for Back-Up Service requires a contract between the Customer and the Company that includes information on the Cogeneration System(s). Customer shall provide initial notice of request of Back-up Service within 60 minutes of event, including (i) information reasonably verifying such event, (ii) expected outage schedule, and (iii) daily notice to Company thereafter during and throughout the conclusion of an event.

Maintenance Service

Subject to the requirements of Maintenance Service under this Rate Schedule, the amount confirmed by Company shall be deemed firm load, subject to Curtailments.

Temporary Service

Subject to the requirements of Temporary Service under this Rate Schedule, the amount confirmed by Company shall be deemed firm load, subject to Curtailments. To the extent Customer requests Temporary Service and Company denies such a request under this Rate Schedule, Customer may elect to buy-through subject to the Demand and Energy Charges during buy-through provided under this Rate Schedule. Customer may not elect to buy-through under this Rate Schedule if Company has initiated a Curtailment(s) on its system. The Company has the right to deny a request if Day Ahead LMPs exceed the Company’s current Commission-approved purchased power benchmark that is utilized to develop the Company’s Fuel Cost Adjustment under Rider 870.

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DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The Supply of Metered Transmission or Subtransmission service under this Rate Schedule shall be measured as to Maximum Demand, Energy Consumption and kVAR by an Interval Data Recorder (IDR) meter to be installed by the Company.

RATE

Supply of Metered Transmission or Subtransmission Service

Rates charged for service rendered under this Rate Schedule are based upon the measurement of electric Energy at the voltage supplied to the Customer.

The electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. The Demand Charge and Energy Charge are as follows:

Demand Charge

\$15.35 per kW per month of Billing Demand

Energy Charge

\$0.038439 per kWh for Energy used in the month.

Back-up Service

Demand Charge

The Demand Charge shall be the Supply of Metered Transmission or Subtransmission service Demand Charge under this Rate Schedule, divided by the number of calendar days within the applicable calendar month, per kW per day.

Energy Charge

All kWhs used for Back-up Service shall be subject to an Energy Charge equal to Real-Time LMP plus a non-fuel adder of \$0.003215 per kWh and considered first through the meter.

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Back-up Service (Continued)

All Energy for Back-up Service shall be considered first through the meter and billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the confirmed Back-up Service capacity, or (ii) the total energy consumed by the Customer under this Rate Schedule, during the period in which Back-up Service capacity was taken by the Customer.

Maintenance Service

For Customers (i) requesting service in writing at least twenty (20) days in advance of the need for Maintenance Service, (ii) requesting service for days not including June, July, August and September, and (iii) maintaining such requested daily schedule without material change, the following charges shall apply for up to a maximum of sixty (60) calendar days in any twelve (12) month rolling period:

Demand Charge

For Customers requesting service for January, May and/or December, the Demand Charge shall be \$0.48 per kW per day.

For Customers requesting service for February, March, April, October and/or November, the Demand Charge shall be \$0.28 per kW per day.

Energy Charge

The Energy Charge for all maintenance kWhs for Customers under this Rate Schedule shall be the base rate Energy Charge above. Energy Charge for the Supply of Metered Transmission or Subtransmission service for all Energy for Maintenance Service shall be billed on an hourly basis and considered first through the meter.

To the extent Customer seeks to recall the amount of Maintenance Service confirmed by Company, Customer shall provide at least forty-eight (48) hours prior notice. In such instance, Company shall confirm to Customer the amount recalled within twenty-four (24) hours of notice of recall and such recalled amounts shall not contribute towards the maximum days permitted under this Rate Schedule.

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Temporary Service

Demand Charge – Except as defined for buy-through described below

- \$0.58 per kW per day for the first thirty (30) calendar days of temporary Demand taken in any twelve (12) month rolling period;
- \$0.87 per kW per day for the second thirty (30) calendar days of temporary Demand taken in any twelve (12) month rolling period;
- \$1.17 per kW per day for the third thirty (30) calendar days of temporary Demand taken in any twelve (12) month rolling period; and
- \$2.33 per kW per day for all calendar days in excess of ninety (90) calendar days of temporary Demand taken in any twelve (12) month rolling period.

Energy Charge – Except as defined for buy-through described below

The Energy Charge for all temporary kWhs for Customers under this Rate Schedule shall be the base rate Energy Charge for the Supply of Metered Transmission or Subtransmission service for all Energy for Temporary Service billed on an hourly basis and considered first through the meter.

All Energy for Temporary Service shall be billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the confirmed Temporary Service capacity, or (ii) the total Energy consumed by the Customer under this Rate Schedule, during the period in which Temporary Service capacity was taken by the Customer.

Buy-Through Temporary Service

Demand Charge

There shall be no Demand Charge for Temporary Service during a buy-through event.

Energy Charge

All kWhs used for Temporary Service during buy-through shall be subject to an Energy Charge equal to Real-Time LMP plus a non-fuel Energy Charge of \$0.003215 per kWh.

All Energy for Temporary Service shall be considered first through the meter and billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the requested Temporary Service capacity, or (ii) the total Energy consumed by the Customer under this Rate Schedule, during the period in which Temporary Service capacity was taken with buy-through by the Customer.

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Buy-Through Temporary Service (Continued)

Subject to the amount requested by Customer, during a buy-through event there is no cap on kWhs imported or duration of buy-through for that applicable operating day. Buy-through days do not count toward the number of days of Temporary Service during any rolling twelve (12) month period.

DETERMINATION OF DEMAND

Supply of Metered Transmission or Subtransmission Service

The Customer's Demand of electric Energy supplied shall be determined for each half-hour interval of the month and said Demand in kW for each half-hour interval shall be two (2) times the number of kWhs recorded during each half-hour interval. The phrase "half-hour interval" shall mean the thirty (30) minute period beginning or ending on a numbered clock hour as indicated by the clock controlling the metering equipment.

DETERMINATION OF BILLING DEMAND

Supply of Metered Transmission or Subtransmission Service

The Billing Demand for the month shall be the greatest of the following:

- (1) Seventy-five percent (75%) of the Contract Demand to serve the Customer for the Billing Period.
- (2) The maximum half-hour Demand registered for the Billing Period during the On-Peak Hours subtracting from the Demand for each half-hour interval of the On-Peak Hours of the Billing Period the Back-up, Maintenance and Temporary capacity confirmed for such half-hour interval.
- (3) The largest of the number of kW determined by subtracting from the Demand for each half-hour interval of the Off-Peak Hours of the Billing Period the Surplus Capacity allotted and/or Back-up, Maintenance and Temporary capacity confirmed for such half-hour interval.
- (4) Seventy-five percent (75%) of the highest Billing Demand established in the immediately preceding eleven (11) months, adjusted as follows, if the Company's obligation to serve is increased or decreased. Each time the Company's obligation to serve is increased or decreased, the highest Billing Demand established in the immediately preceding eleven (11) months shall be adjusted by a ratio of the Company's current obligation to serve to the Company's obligation to serve in the month of the highest Billing Demand before multiplying by seventy-five percent (75%).

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Back-up, Maintenance Service and Temporary Service

The Billing Demand for the day for Back-up, Maintenance and Temporary Service shall be the confirmed amount of Back-up, Maintenance and Temporary Service.

To the extent the Company has confirmed a recall of Maintenance Service under the provisions of this Rate Schedule, Customer shall not be charged for the amount recalled.

DETERMINATION OF LAGGING kVAR

Supply of Metered Transmission or Subtransmission Service

The Customer's requirements in Lagging kVAR shall be determined for each half-hour interval of the month and shall be two (2) times the number of Lagging kVAR Hours recorded during each half-hour interval. No effect whatsoever shall be given hereunder to Customer's leading kVAR, if any.

ADJUSTMENT FOR CUSTOMER'S PEAK HOURS LAGGING kVAR

The number of kVAR shall be computed each month for a Power Factor of eighty-five percent (85%) Lagging using as the basis of said computation, the Customer's Maximum Demand for the month during the Peak Period hours thereof.

If the Customer's Maximum Peak Period Requirement in Lagging kVAR for the month is greater than the number of kVAR at a Power Factor of eighty-five percent (85%) Lagging, as determined above, an amount equal to the product of \$0.34 times said difference shall be added to the Customer's Bill.

If the Customer's Maximum Peak Period Requirement in Lagging kVAR for the month is less than the number of kVAR at a Power Factor of eighty-five percent (85%) Lagging, as determined above, an amount equal to the product of \$0.34 times said difference shall be deducted from the Customer's Bill.

The Customer agrees to control and limit Maximum Off-Peak (weekdays 22:00 – 06:00 CST, all weekend hours, and all hours during NERC holidays) Period Requirement in Lagging kVAR so that, as related to the Maximum Off-Peak Period kW Demand, it shall not exceed in ratio or numerical proportion the ratio of the Maximum Peak Period Requirement in Lagging kVAR and the Maximum Peak Period kW Demand; except that if such Maximum Off-Peak Period kW Demand is less than the Maximum Peak Period kW Demand, the Customer's Maximum Off-Peak Period Requirement in Lagging kVAR may equal the Customer's Maximum Peak Period Requirement in Lagging kVAR.

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CUSTOMER LOAD INFORMATION

Supply of Metered Transmission or Subtransmission Service

If requested by the Company, the Customer shall cooperate with the Company by furnishing the Company in writing on or before the first day of August each year a statement of the Customer's estimates of the Customer's future load on the Company by months for a subsequent period of thirty (30) months.

The Customer shall also make a good faith effort to provide the Company in writing with an accurate hourly load forecast on a daily basis.

The Customer shall notify the Company in writing of any material increase in load no less than sixty (60) days prior to the addition of that load.

The Customer's dispatcher shall cooperate with the Company's dispatcher by furnishing, from time to time, such load information and operating schedules which will enable the Company to plan its generating operations.

The accuracy of the information herein called for is not guaranteed by the Customer and reliance thereon shall be at the sole risk of the Company.

Failure by the Customer to provide requested information on an ongoing basis may result in Customer being moved to another Rate Schedule upon ninety (90) days' notice from the Company to Customer.

SURPLUS CAPACITY

The Company, at its option, may make available from time to time to the Customer without any additional Demand Charge, "Surplus Capacity" that may be available in the generating, transmission, and distribution system of the Company used in serving the Customer. Such Surplus Capacity allotted by the Company will not exceed (i) fifteen percent (15%) of Contract Demand, or (ii) the number of kW's that the Customer requests and is ready, able, and willing to use, and when allotted, shall be available to the Customer only during the Off-Peak Hours.

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SURPLUS CAPACITY (Continued)

1. The Off-Peak Hours under this Rate Schedule shall be as follows:

Off-Peak Hours are defined as: weekdays 22:00 – 06:00 CST, all weekend hours, and all hours during NERC holidays. However, by written notice, the selected Off-Peak Hours as it relates to Surplus Capacity under this Rate Schedule may be amended but shall not be less than a total of nine (9) hours or more than a total of thirteen (13) hours during any weekday, Monday through Friday, not less than nine (9) hours on Saturday, and twenty-four (24) hours on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The periods of time so selected by the Company shall be such that at no time shall a period of such hours be less than six (6) consecutive hours in duration.

2. The quantity of Surplus Capacity available to the Customer shall be allotted as follows:

The quantity of Surplus Capacity allotted to the Customer by the Company and the hours to be included in the Off-Peak Hours will be communicated by written notice to the Customer from the Company, and will be available to the Customer for the period of time specified, but not in excess of three (3) calendar months. The Company may, from time to time, upon not less than one (1) hours' notice, reduce or withdraw in entirety, the quantity of Surplus Capacity allotted in the Off-Peak Hours of any day or days.

3. The "On-Peak Hours" shall be all times not included in the Off-Peak Hours under this Rate Schedule.

GENERAL TERMS AND CONDITIONS OF SERVICE

1. **Contract for Supply of metered Transmission and Subtransmission service**

Any Customer requesting service under this Rate Schedule shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month to month for a period of not more than five (5) Contract Years thereafter unless terminated by either party giving to the other party sixty (60) days' prior written notice of the termination of such contract at the end of the initial period or at the end of any calendar month thereafter.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

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GENERAL TERMS AND CONDITIONS OF SERVICE (Continued)

2. Contract For Back-Up Service

Any Customer requesting Back-Up Service under this Rate Schedule shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month-to-month thereafter unless cancelled by either party giving to the other party sixty (60) days prior written notice of the termination of such contract at the end of the initial period or at the end of any calendar month thereafter.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

3. Default Schedule

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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TO WHOM AVAILABLE

Available to Industrial Customers taking service at Transmission or Subtransmission voltage whose Premises are located adjacent to existing electric facilities having Transmission or Subtransmission capacity sufficient to meet the Customer's requirements. Customer shall contract for a definite amount of electrical demand which shall not be less than 10,000 kW. The Company shall not be obligated to supply electrical Energy in excess of the definite amount specified in the contract.

For multiple Premises held under common ownership or by affiliates (as defined in Indiana Code § 23-1-43-1) and having the same qualifying service voltage, Interval Data Recorder (IDR) meters with 5-minute interval telemetry capability at those Premises can be aggregated for billing purposes if at least one of those meters has a load of 10,000 kW or more for the last 12 months. Transmission charges will be applied to the gross energy consumption (not netted with potential outputs from other qualifying meters) of each individual IDR meter. Netting for Transmission Charges will be allowed for multiple meters at each Customer Premise. The specific IDR meters that will be applied for aggregation will be specified in the contract.

CHARACTER OF SERVICE

The Company will supply metered Transmission or Subtransmission service to the extent of the Transmission capacity available from its electric supply lines, at such frequency, phase, regulation and voltage as it has available at the location where service is requested.

The Customer, at its own expense, shall furnish, supply, install and maintain, beginning at the point of delivery, all necessary equipment for transmitting, protecting, switching, transforming, converting, regulating, and utilizing said electric Energy on the Premise of the Customer.

The Customer will also supply in accordance with plans and specifications furnished by the Company and at a mutually agreed upon location on the Customer's property, suitable buildings, structures, and foundations to house and support the metering and any protecting, switching, and relaying equipment that may be supplied by the Company.

Customers electing Tier 2 and Tier 3 service shall contract for and specify a Tier 2 and Tier 3 Contract Demand for each affected Premise or aggregated Premises under this Rate Schedule. Tier 2 and Tier 3 service shall by default be curtailable. Customers electing service under Tier 2 and Tier 3 of this Rate Schedule shall specify the firm portion of their Tier 2 and Tier 3 Contract Demand for each affected Premise or aggregated Premises that the Customer intends to exclude from MISO Curtailment. Customers shall also meet the applicable Load Modifying Resource (LMR) requirements pursuant to MISO's Tariff Module E-1 or any successor if firm capacity is

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CHARACTER OF SERVICE (Continued)

not purchased or otherwise procured as allowed under Tier 2 and Tier 3. If a Customer's elected service under this Rate Schedule results in curtailable demand under Tier 2 and Tier 3, the Customer shall provide information necessary to satisfy these requirements, including information demonstrating to Company's satisfaction that the Customer has the ability to reduce load to any firm capacity within Tier 1, Tier 2, and Tier 3.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

SERVICE TIERS

Tier 1: Firm Service

The default Tier 1 Contract Demand election is 30,000 kW with an option to elect above or below that amount down to 10,000 kW. The firm Energy is calculated on an hourly basis. This service is subject to applicable Riders as identified in Appendix A.

Tier 2: Non-Firm Market Price Service

The Customer's Tier 2 Contract Demand is the Customer's Planning Reserve Margin Requirement using the Company's forecasted Coincident Peak demand for the Customer less the Customer's Tier 1 Contract Demand election and any Tier 3 Contract Demand election by the Customer. This service is subject to applicable non-production Riders as identified in Appendix A. Customer will take all Energy under this Tier 2 service at Day-Ahead LMP at the applicable Company Load Zone (NIPS.NIPS) plus Transmission Charges contained within this Rate Schedule. By September 30 of each year, the Company will share with the Customer its Planning Reserve Margin Requirement, forecasted Coincident Peak demand and the supporting documentation for the values. Customer shall have 30 calendar days to dispute these values. The Company will make all reasonable efforts to resolve any such disputes; however, as the Market Participant, the Company is responsible for all forecasted needs and its subsequent forecast methodology, which is subject to audit by MISO. Company will submit the Customer's Planning Reserve Margin Requirements and Coincident Peak demand on November 1 of each year to comply with MISO's Resource Adequacy Requirements.

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SERVICE TIERS (Continued)

Tier 2 Contract Demand is firm only to the extent that it is supported by Customer-procured capacity. NIPSCO, as the Market Participant, will register as an LMR at MISO that portion of a Customer's Tier 2 Contract Demand for which capacity is not procured through MISO's PRA or contracted through a third party. Such portion of a Customer's Tier 2 Contract Demand is non-firm, subject to MISO Curtailment. Customers must meet all applicable LMR requirements pursuant to MISO's Tariff Module E-1 or any successor for this portion of their Tier 2 Contract Demand.

Tier 3: Non-Firm Third Party Generation Service

Customer may elect a Tier 3 Contract Demand up to Customer's Planning Reserve Margin Requirement using the Company's forecasted Coincident Peak demand for the Customer less the Customer's Tier 1 firm Contract Demand election. To the extent a Customer declines to elect the Tier 3 Contract Demand to which it is entitled under this Rate Schedule, it must elect to take Tier 2 Contract Demand. If the Customer elects to take any Tier 3 Contract Demand, NIPSCO, as the Market Participant, will register that Customer as an Asset Owner at MISO. Tier 3 service is subject to applicable non-production Riders as identified in Appendix A. If, under the MISO Asset Owner framework, a Customer has not arranged for any third party Energy with NIPSCO as the contracting Market Participant, Customer will take all Energy under this Tier 3 service at market price (LMP at the applicable Company Load Zone (NIPS.NIPS) plus all applicable MISO market settlement charges plus the Transmission Charge contained within this Rate Schedule. Customer will be responsible for all market settlement charges incurred by either NIPSCO as the Market Participant or the Customer as Asset Owner for any third party Energy or Capacity arrangements including, but not limited to, transmission charges to deliver energy. MISO Market Portal access will be provided as required to carry out MISO Asset Owner functions. All settlements associated with energy offers and demand bids will be passed through to the Customer. By September 30 of each year, the Company will share with the Customer its Planning Reserve Margin Requirement, forecasted Coincident Peak demand and the supporting documentation for the values. Customer shall have 30 calendar days to dispute these values. The Company will make all reasonable efforts to resolve any such disputes; however, as the Market Participant, the Company is responsible for all forecasted needs and its subsequent forecast methodology, which is subject to audit by MISO. Company will submit the Customer's Planning Reserve Margin Requirements and Coincident Peak demand on November 1 of each year to comply with MISO's Resource Adequacy Requirements.

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Tier 3 Contract Demand is firm only to the extent that it is supported by Customer-procured capacity. NIPSCO, as the Market Participant, will register as an LMR at MISO that portion of a Customer's Tier 3 Contract Demand for which capacity is not procured through MISO's PRA or contracted through a third party. Such portion of a Customer's Tier 3 Contract Demand is non-firm, subject to MISO Curtailment. Customers must meet all applicable LMR requirements pursuant to MISO Tariff Module E-1 or any successor for this portion of their Tier 3 Contract Demand.

METER FLOW AND CURTAILMENT ORDER

Definition of meter flow shall be defined as follows:

Meter Flow	Service
↓	Applicable service taken under Rider 876
	Tier 1: Firm Service
	Tier 2: Market Price Service
	Tier 3: Third Party Generation Service

The above meter flow is for Energy only. For MISO Curtailments, the meter flow shall be defined as follows:

Meter Flow	Service
↓	Tier 2 and Tier 3: Non-Firm
	Applicable service taken under Rider 876

MISO CURTAILMENT AND FIRM CAPACITY OPTIONS

The Company shall dispatch Customers for MISO Curtailments at its own discretion in accordance with the limitations specified under this Rate Schedule and the Company Rules.

The Company shall register the portion of all Customer Contract Demand above its Tier 1 level as an LMR with MISO and shall be subject to MISO Curtailments under this Rate Schedule. Customer shall meet the applicable LMR requirements pursuant to MISO's Tariff Module E-1 or any successor. A Customer may elect to reduce all or part of its LMR obligation by procuring capacity in the MISO PRA or capacity through third party arrangements, at the Company's applicable zone defined within MISO's PRA. If Customer elects to reduce all or a portion of its LMR obligation through MISO's PRA, NIPSCO will self-schedule (price-taker) such capacity on the Customers behalf. Customers that fail to meet the requirements of a LMR or do not otherwise procure capacity will be subject to any capacity replacement/deficiency charges, and any penalties incurred as a result of maintaining Customer's Resource Adequacy needs.

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MISO CURTAILMENT AND FIRM CAPACITY OPTIONS (Continued)

Tier 2 Customers will be provided at least four (4) hours advanced notice of MISO Curtailments or if Customer has elected for both Tier 2 and Tier 3 service only a single LMR will be registered with MISO and aligned to Customer's Tier 3 notification. Tier 3 Customers will be able to determine a curtailment notification time and other parameters associated with registration as a LMR pursuant to the MISO Tariff and BPM.

In the event of a material change in circumstances due to a force majeure, or otherwise, that effects the ability of a Customer to comply with part or all of its LMR obligations with MISO, the Customer shall immediately notify the Company. The Company will in turn notify MISO of a need to change the Customer's LMR registration. Modifications to LMR intra to the MISO Planning Year may trigger replacement capacity provisions within the MISO Tariff and may require the Customer to procure replacement capacity or pay MISO capacity deficiency charges / penalties.

MISO ASSET OWNER REGISTRATION

For a Customer electing Tier 3 service, registration will follow MISO's quarterly network model update cycle. During quarterly network model updates, the Company will request registration of a CP Node which is required for participation as an Asset Owner under this Rate Schedule. The CP Node will be mapped to MISO EP Nodes in the same manner as the NIPS.NIPS CP Node to the extent model modifications are allowed under MISO Rules. Refer to the market registration section of the MISO BPM for details on the data required to register.

COMMUNICATIONS, METERING, TELEMETRY, HARDWARE, AND SOFTWARE REQUIREMENTS

The Company shall specify a communications plan, which includes a revenue quality meter and all implementation and operational software required under this Rate Schedule. It is the Customer's responsibility to comply with that plan. The Customer will pay for the installed cost of additional metering, telemetry, hardware and software development, certificates, and licensing fees that may be required to facilitate service under this Rate Schedule. All such metering shall be compliant with any applicable current and future MISO and/or IURC requirements, including the potential of meter capture on a 5 minute basis. The Customer shall provide the Company with next day remote interrogation of the meter on an hourly level. The Customer may elect to install its own metering, with the Company reserving the right to inspect the equipment and own the equipment once it is installed. At the Customer's request, metering may be installed by the Company and invoiced at the installed cost to the Customer. Estimated costs of metering and equipment shall be provided prior to installation by the Company, but the Customer shall be responsible for the actual costs of the equipment and installation.

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DEMAND BIDS

For a Customer electing Tier 3 service, the Customer will have the ability to submit Day-Ahead Demand Bids for a portion or all of their Tier 3 daily demand through the MISO Market Portal. Day-Ahead Demand Bids not received by MISO in accordance with the MISO BPM will be settled at Real Time LMPs and assessed any applicable additional MISO charges. Refer to the Demand Bid section of the MISO BPM for details on the requirements of the Demand Bid.

MISO COMMUNICATIONS

For a Customer electing Tier 3 service, all clearing, pricing and settlement activity will be available on the MISO Market Portal. Revenue quality meter data will be interrogated by the Company on a daily basis and submitted by the Company to MISO on behalf of the Customer.

MISO SETTLEMENTS

For a Customer electing Tier 3 service, MISO Settlement Statements are posted daily by MISO to the MISO Market Portal. The Customer shall obtain the MISO Settlement Statements from the MISO Market Portal. The Customer shall be responsible for the review of the Customer's MISO Settlement Statements. All charges reflected on the Customer's MISO Settlement Statements will be the Customer's responsibility and are payable to the Company on a weekly basis. MISO Settlement Statement charges will be determined by the Customer's Day-Ahead Demand Bid (at Day-Ahead LMP) and the imbalance between the Customer's Day-Ahead Demand Bid and the Customer's actual metered Demand (at Real-Time LMP). Any imbalance between the Customer's Day-Ahead Demand Bid and the Customer's actual metered Demand will also be assessed any applicable MISO charges including a Revenue Sufficiency Guarantee charge. MISO Settlement Statements will also include the Customer's share of Market Uplift charges and an administrative fee that is charged by MISO to support the operation of the market. The Customer's MISO Settlement Statements will follow the settlement timeline that is outlined in the MISO BPM, which may also include special resettlements that are deemed necessary by MISO. Refer to the MISO BPM for details on the MISO Settlement Timeline and Settlement Charge calculations.

DISPUTES

For a Customer electing Tier 3 service, the Customer has the right to dispute any MISO charges. The Customer, through the MISO Market Portal, will provide all required data to MISO to support the dispute. The Customer shall notify the Company of any filed disputes and disposition by MISO within 24 hours of such notification. Notification of disputes shall include a copy of the dispute submitted by the Customer along with any correspondence between the Customer and MISO including, but not limited to, the final resolution of the dispute. Notification shall be remitted to the Manager, Market Settlements of the Company.

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DISPUTES (Continued)

Disputes that have been denied by MISO may be disputed through the MISO Alternative Dispute Resolution (ADR) process in accordance with MISO Rules. The Company as the Market Participant must file ADR disputes on the Customer's behalf as currently Asset Owners cannot file an ADR. The Customer must provide written notification in compliance with the timelines established by Attachment HH of the MISO Tariff to the Company requesting the Company to proceed with the mechanism available to resolve these disputes outside of the judicial or administrative agency proceedings. This would include informal dispute resolution, or formal mediation or arbitration. The Company will make a good faith effort to prosecute the dispute. The Company will provide the Customer an initial preliminary estimate for costs associated with the ADR. Customer must submit payment in accordance with the estimate established if the Customer wishes to pursue the ADR at MISO. The written notification shall be remitted to the Manager, Market Settlements of the Company.

The hierarchy as it stands allows an Asset Owner to file the dispute with MISO. If the dispute is denied and the Customer wants to pursue it further, the Customer needs to request NIPSCO to file an ADR on its behalf with MISO. If the Customer is unsatisfied with MISO's decision, it can pursue a complaint with FERC on its own.

It is the responsibility of the Customer to pay all assessed MISO Settlement Statement charges to the Company when due at the time of assessment. Any necessary adjustments to the settlement amounts will be made by MISO after dispute resolution. Refer to the MISO BPM for details on the requirements of the Dispute and ADR process.

REGISTRATION

Customers electing non-firm service and or registration as an LMR will provide all required data to the Company per MISO's Resource Adequacy BPM. The Company may request additional data as requested by MISO to support any and all Resource Adequacy compliance requests. MISO's capacity Planning Year is June 1 through May 31. All required information must be entered prior to due dates to ensure capacity positions are established. Once the PRA has cleared, modifications can be made per limitations and penalties as outlined in MISO's Tariff Module E-1.

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REGISTRATION (Continued)

The following table provides an overview of Tier requirements. All requirements and dates are pursuant to MISO’s Tariff Module E-1 or any successor and may be modified by MISO. Customer shall provide required information to the Company ten (10) business days prior to MISO Planning Resource Timeline in accordance with MISO BPM-011, Appendix K:

Requirement	Tier 2	Tier 3
Coincident Peak Demand forecast, Non-Coincident Peak, and energy forecast		X
Existing Load Modifying Resource/Energy Efficiency Resource must be submitted for approval	X	X
New Load Modifying Resource/Energy Efficiency Resource registration to be considered for inclusion in FRAP must be submitted for approval		X
New Load Modifying Resource/Energy Efficiency Resource must be submitted for approval	X	X
Planning Resource Auction offer window is open		X
Planning Resource Auction offer window is closed		X
Planning Resource Auction results posted		X

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand, Energy Consumption and kVAR by an IDR to be installed by the Company.

RATE

Rates charged for service rendered under this Rate Schedule are based upon the measurement of electric Energy at the voltage supplied to the Customer.

After aggregation of Customer’s Premises, Customer Energy delivered onto the Company’s Transmission or Subtransmission system at an integrated hourly level shall be paid to the Customer at the Real Time LMP at the Company’s Load Zone.

The electric service and Energy supplied hereunder shall be billed under a three-part rate consisting of a Demand Charge, Energy Charge, and Transmission Charge, and applicable Riders as identified in Appendix A. The Demand Charge, Energy Charge, and Transmission Charge are as follows:

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RATE (Continued)

Demand Charge

Tier 1

\$24.37 per kW per month

Energy Charge

Tier 1

\$0.029618 per kWh for all kWhs used per the month.

Tier 2

All kWhs used above the specified Tier 1 Firm Contract Demand shall be subject to an Energy Charge equal to the Day Ahead LMP for the Company's Load Zone, if Customer does not have a Tier 3 Contract Demand. If Customer has a Tier 3 Contract Demand, all kWhs used above the specified Tier 1 Firm Contract Demand not in excess of Tier 2 Contract Demand shall be subject to an Energy Charge equal to the Day Ahead LMP for the Company's Load Zone.

Energy Charge (Continued)

Tier 3

All kWhs used above the specified Tier 1 and Tier 2 Contract Demand shall be subject to MISO Settlement Charges related to a Customer's Asset Owner activity.

Transmission Charge

\$0.009155 per kWh for the gross Energy consumed at each IDR, netted by Premise (Tier 1, Tier 2, and Tier 3).

Adjacent Affiliate Qualifying Facility Premise Transmission Charge

\$0.002747 per kWh for the gross Energy transferred from a premise with behind the meter generation to an adjacent premise held under common ownership or by affiliates (as defined in Indiana Code § 23-1-43-1).

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DETERMINATION OF DEMAND

The Customer's Demand of electric Energy supplied shall be determined for each half-hour interval of the month and said demand in kW for each half-hour interval shall be two (2) times the number of kWhs recorded during each half-hour interval. The phrase "half-hour interval" shall mean the thirty (30) minute period beginning or ending on a numbered clock hour as indicated by the clock controlling the metering equipment.

The Customer's current integrated Demand shall be determined for each MISO settlement period for load as the total kWh recorded during that MISO settlement period multiplied by the ratio of 60 minutes to the total number of minutes in that MISO settlement period.

DETERMINATION OF LAGGING kVAR

The Customer's requirements in Lagging kVAR shall be determined for each half-hour interval of the month and shall be two (2) times the number of Lagging kVAR Hours recorded during each half-hour interval. No effect whatsoever shall be given hereunder to Customer's leading kVAR, if any.

ADJUSTMENT FOR CUSTOMER'S PEAK HOURS LAGGING kVAR

The number of kVAR shall be computed each month for a Power Factor of eighty-five percent (85%) Lagging using as the basis of said computation, the Customer's Maximum Demand for the month during the Peak Period hours thereof.

If the Customer's Maximum Peak Period Requirement in Lagging kVAR for the month is greater than the number of kVAR at a Power Factor of eighty-five percent (85%) Lagging, as determined above, an amount equal to the product of \$0.34 times said difference shall be added to the Customer's Bill.

If the Customer's Maximum Peak Period Requirement in Lagging kVAR for the month is less than the number of kVAR at a Power Factor of eighty-five percent (85%) Lagging, as determined above, an amount equal to the product of \$0.34 times said difference shall be deducted from the Customer's Bill.

The Customer agrees to control and limit Maximum Off-Peak (weekdays 22:00 – 06:00 CST, all weekend hours, and all hours during NERC holidays) Period Requirement in Lagging kVAR so that, as related to the Maximum Off-Peak Period kW Demand, it shall not exceed in ratio or numerical proportion the ratio of the Maximum Peak Period Requirement in Lagging kVAR and the Maximum Peak Period kW Demand; except that if such Maximum Off-Peak Period kW Demand is less than the Maximum Peak Period kW Demand, the Customer's Maximum Off-Peak Period Requirement in Lagging kVAR may equal the Customer's Maximum Peak Period Requirement in Lagging kVAR.

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CUSTOMER LOAD INFORMATION

If requested by the Company, the Customer shall cooperate with the Company by furnishing the Company in writing on or before the first day of July each year a statement of the Customer's estimates of the Customer's future load on the Company by months for a subsequent period of thirty (30) months.

The Customer shall also make a good faith effort to provide the Company in writing with an accurate hourly load forecast on a daily basis.

The Customer shall notify the Company in writing of any material increase in load no less than sixty (60) days prior to the addition of that load.

The Customer's dispatcher shall cooperate with the Company's dispatcher by furnishing, from time to time, such load information and operating schedules which will enable the Company to plan its generating operations.

The accuracy of the information herein called for is not guaranteed by the Customer and reliance thereon shall be at the sole risk of the Company.

Failure by the Customer to provide requested information on an ongoing basis may result in Customer being moved to another Rate Schedule upon ninety (90) days' notice from the Company to Customer.

CUSTOMER'S FAILURE TO COMPLY WITH REQUESTED MISO CURTAILMENT

A Customer is deemed to have failed to comply with a MISO Curtailment when the Customer's current integrated Demand, as measured by the meters installed by the Company (netted across aggregated Customer Premises, if applicable), has not decreased to a level of the sum of the Customer's specified Tier 1, firm Tier 2 and firm Tier 3 Contract Demands.

If a Customer fails to comply with a MISO Curtailment, the Customer shall be liable for any charges and/or penalties from any governmental agency(ies) having jurisdiction or duly applicable organization including MISO, FERC, NERC and ReliabilityFirst for failure to comply with a MISO Curtailment. Penalties and charges may be, but are not limited to, penalties associated with disqualification as a LMR to the extent such penalties are specifically invoked on the Company due to the failure of the Customer to comply with the Curtailment.

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RATE 831
RATE FOR ELECTRIC SERVICE
INDUSTRIAL POWER SERVICE - LARGE

Sheet No. 12 of 13

GENERAL TERMS AND CONDITIONS OF SERVICE

1. Contract

Any Customer requesting service under this Rate Schedule shall enter into a written contract for an initial period of not less than five (5) Contract Years. The Customer maintains the ability to cancel the contract if the entire Premise is closing. For customers who are aggregating Premises, if one Premise closes, the Customer may modify its Tier 1 Contract Demand with 12 months' notice, but it may not go below 10,000 kW. For a Customer partially closing a Premise, the Customer may modify its Tier 1 Contract Demand with 12 months' notice, but it may not go below 10,000 kW. The Customer may increase the Tier 1 firm Contract Demand election with five (5) years' notice and a period of not less than five (5) Contract Years. On a quarterly basis, consistent with the MISO Commercial Model timing, a Customer may elect to move all, or a portion, of its election(s) under Tier 2 and Tier 3 between such.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

2. Default Schedule

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

3. Customer Disqualification

Under this Rate Schedule and / or applicable Riders to this Rate Schedule, any Customer that is found to be engaging in activity that is determined to be a violation of market manipulation or antitrust rules / laws may be subject to disqualification from eligibility for Tier 3 of this Rate Schedule if any such activity disqualifies the Customer from meeting obligations set forth under this Rate Schedule. Penalties and charges may be, but are not limited to, penalties associated with disqualification as a LMR, any market damages, or private party damages. By taking service under this Rate Schedule, the Customer agrees to fully participate in any investigation into possible violation(s).

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GENERAL TERMS AND CONDITIONS OF SERVICE (Continued)

3. Customer Disqualification (Continued)

Any Customer that is disqualified from eligibility for service under Tier 3 service shall have all of its Tier 3 Contract Demand moved to Tier 2 with all of the Customer's Tier 2 Contract Demand, including any pre-existing Tier 2 Contract Demand of the Customer, covered with capacity through MISO's PRA and replacement capacity provisions within the MISO Tariff and may require Customer to procure replacement capacity or pay MISO capacity deficiency charges / penalties. The Customer will not be eligible for Tier 3 service and LMR registration for a period of five (5) years. After the five (5) year period, the Customer may be allowed to return to Tier 3 under this Rate Schedule or successor.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules, IURC Rules, and MISO Rules.

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**RATE 841
RATE FOR ELECTRIC SERVICE
MUNICIPAL POWER**

Sheet No. 1 of 2

TO WHOM AVAILABLE

Available to municipalities, the Indiana Department of Natural Resources and to corporations or persons operating under exclusive franchise in furnishing water service at retail within a municipality for electric power service for water pumping purposes. Customer facilities must be located on the Company's electric supply lines suitable and adequate for supplying the service requested.

Lighting Service will be supplied under this Rate Schedule only if it is incidental to the power load served and the lighting service in kW Demand and kWh usage is less than fifteen percent (15) of the kWhs respectively of the power load. Service is subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

The Company will supply service from its electric supply lines at only such frequency, phase, regulation, and Primary voltage as it has available in the location where service is requested. If transformation of voltage is desired by the Customer, the Company will transform its Primary voltage to one standard Secondary voltage. (See Company Rule 3 for the Company's standard voltages.)

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Energy consumption by a Watt-Hour Meter to be installed by the Company.

RATE

Energy Charge

\$0.125017 per kWh used per month.

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MUNICIPAL POWER

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MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be based on the connected load at each location or on the number of installed Fire and Civil Defense warning signals if these are the entire electric load. The minimum shall be \$2.55 per horsepower or fraction thereof per month for the first 25 horsepower of the connected load, \$1.23 per horsepower or fraction thereof per month for the next 475 horsepower of connected load, and \$0.62 per horsepower or fraction thereof per month for all over 500 horsepower of connected load, or \$8.05 per month for each warning signal installation where such signals constitute the connected load, provided, however, that in no case shall the monthly Minimum Charge be less than \$8.05; except that for three-phase service, the monthly Minimum Charge shall be \$32.91 per month for the connected load at each location. In addition, applicable Riders as identified in Appendix A shall be added to the Monthly Minimum Charge.

In determining the connected load, alternate, stand-by, or emergency equipment, that which connected to the Company's service, replaces equipment of equal or greater connected load, shall not be included.

PRIMARY METERING ADJUSTMENT

If the service is metered at the Company's Primary line voltage of 2,300 volts or above, three percent (3%) of the kWhs so metered will be deducted before computing the charge for service.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 842
RATE FOR ELECTRIC SERVICE
INTERMITTENT WASTEWATER PUMPING-DISTRIBUTED SYSTEMS

Sheet No. 1 of 3

TO WHOM AVAILABLE

Available for service to private or governmental entities to provide power to systems for the pumping and removal of residential and small commercial sewage water and waste at multiple locations to a central waste water treatment facility. Available only for an integrated system consisting of individual distributed pumping units which operate intermittently. No single pump may exceed 1.1 horsepower energy rating or have a maximum energy consumption exceed 200 kWhs per Contract Year. The distributed pumps comprising the wastewater pumping system must be located in the service territory of Company, on electric facilities suitable and adequate for supplying the service requested. Service is subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single phase, at a voltage of 120/240 volts three-wire, or 120/208 volts three-wire, as designated by the Company.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Customer Charge plus the rate for un-metered service and applicable Riders as identified in Appendix A. The Customer Charge and rates for un-metered service are as follows:

Customer Charge

\$50.00 per month.

Regardless of the total number of pumps in the Customer's system, the Customer may elect to have the Company aggregate all the pump locations in one (1) integrated system for billing purposes, and the monthly Customer Charge will be applied once to the Customer's Bill.

Residential Locations

The rate for un-metered service under this Rate Schedule shall be \$2.57 per month per point of connection with the Distribution facilities of the Company. If more than one (1) pump is installed at any one (1) point of connection, the rate for that connection shall be \$2.57 per month for each pump installed at that location. This rate is not available for installations of more than four (4) pumps at any one (1) point of connection.

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RATE FOR ELECTRIC SERVICE
INTERMITTENT WASTEWATER PUMPING-DISTRIBUTED SYSTEMS

Sheet No. 2 of 3

RATE (Continued)**Commercial Locations**

The rate for un-metered service under this Rate Schedule shall be \$3.02 per month per point of connection with the Distribution facilities of the Company. If more than one (1) pump is installed at any one (1) point of connection, the rate for that connection shall be \$3.02 per month for each pump installed at that location. This rate is not available for installations of more than four (4) pumps at any one (1) point of connection.

This Rate Schedule is subject to applicable Riders as identified in Appendix A. For billing purposes, the estimated kWh per month is 8 kWh for each residential pump and 9.5 kWh for each commercial pump.

OWNERSHIP OF SYSTEM-SERVICE LINES

The ownership of the property comprising a distributed wastewater pumping system, including pumps, piping, wiring, meter socket extension adapters, gauges and other appliances and structures is and shall remain with the Customer. Company shall own the Watt-Hour Meter, service point connections, poles, wires, transformers and other facilities used to serve Residential and small Commercial Premises where distributed pumping facilities are installed. Company will repair and maintain all equipment owned by Company, and Customer will repair and maintain all equipment owned by Customer. The Customer shall notify the Company, if, in the process of repairing Customer owned equipment, it is necessary to break the Company meter seal.

All connections to secondary voltage wires, meters, meter sockets, or other facilities of the Company used by Customer to power the distributed pumping system shall be performed by Customer at Customer's expense, in full compliance with the Company Standards, National Electric Safety Code, the National Electrical Code, and all other applicable standards, rules and regulations.

The connection scheme shall be as follows: Company will make any connections at the service point if the Customer elects to use the additional weatherhead method of connection. Otherwise, if an adapter is used at the meter socket Customer will make such connections. All connections will comply with the ten applicable engineering Company Standards.

Where such connections are made, Customer agrees to save and hold harmless Company from any and all claims, losses, damages or costs, including attorney fees, arising, or alleged to arise, from the connection of Customer's pumping system, or from the procedures, workmanship, materials, facilities or other equipment used to effect such connections, with the facilities of the Company.

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INTERMITTENT WASTEWATER PUMPING-DISTRIBUTED SYSTEMS

Sheet No. 3 of 3

AUDITING AND BILLING OF DISTRIBUTED PUMPING SYSTEMS

Prior to installing new pumping devices, Customer must notify Company of the time and date of the proposed installations so that Company may verify the number of pumps installed for billing purposes. Customer agrees to allow Company to audit the records of Customer's wastewater pumping system, two (2) times per calendar year, to verify the number and size of the pumps located on Company's lines. The Company also reserves the right to install metering devices on one or more pumps from time to time, to verify Demand and Energy consumption levels of installed pumps. Customer may not install pumps that do not meet the size limitations and energy consumption levels authorized for this rate, and if any such pumps are found to be operating on the Company's lines, Customer will remove, at its own cost and expense, any such pump.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be the single Customer Charge for each Bill rendered, plus the charges set forth above for each point of connection with the facilities of the Company. In addition, applicable Riders as identified in Appendix A will be added to the Monthly Minimum Charge.

GENERAL TERMS AND CONDITIONS OF SERVICE

1. Default Schedule.

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 844
RATE FOR ELECTRIC SERVICE
RAILROAD POWER SERVICE

Sheet No. 1 of 3

TO WHOM AVAILABLE

Available only to existing railroads or to non-profit commuter transportation district operating said railroads, subject to the conditions set forth in this Rate Schedule and the Company Rules. Electric service will be supplied hereunder for the operation of trains on a continuous electrified right-of-way of the Customer and the associated requirements furnished through the eight (8) existing Substations which were in service on December 31, 2007; provided, however, that electric service will not be furnished hereunder for resale.

CHARACTER OF SERVICE

The points of delivery shall be limited to the following substations as of the effective date of this Rate Schedule: Hammond Substations at Columbia and at Carroll St., Gary Substation at Third and Madison, Wickliffe Substation, Furnessville Substation and Michigan City Substation, East Port I, East Port II, and Meer Road. The Energy supplied by the Company shall be alternating current and at such voltages as currently supplied by the Company to the Customer.

DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand and Energy consumption by an IDR or a DI Meter to be installed by the Company.

RATE

Rates charged for service rendered under this Rate Schedule are based upon the measurement of electric Energy at the voltage supplied to the Customer.

The rate for electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. The Demand Charge and Energy Charge are as follows:

Demand Charge

\$18.57 per month per kW for all kW's of Billing Demand.

Energy Charge

\$0.050743 per kWh for energy used per month for the first 660 hours of the Billing Demand for the month.
\$0.048493 per kWh for energy used per month in excess of 660 hours of the Billing Demand for the month.

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RATE FOR ELECTRIC SERVICE
RAILROAD POWER SERVICE

Sheet No. 2 of 3

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge under this Rate Schedule shall be equivalent to the monthly Demand Charge applicable to seventy-five percent (75%) of the highest Billing Demand established in the immediately preceding eleven (11) months. In addition, applicable Riders as identified in Appendix A shall be added to the Monthly Minimum Charge.

DETERMINATION OF DEMAND

The Customer's Demand of electric Energy supplied shall be determined for each one-hour interval of the month. The phrase "one-hour interval" shall mean a sixty (60) minute period beginning or ending on a numbered clock hour as indicated by the clock controlling the metering equipment.

DETERMINATION OF BILLING DEMAND

The Billing Demand for the month shall be the greatest of the following:

- (1) The maximum one-hour Demand registered for the month.
- (2) Seventy-five percent (75%) of the highest Billing Demand established in the immediately preceding eleven (11) months, adjusted, if the Company's obligation to serve is increased or decreased. Each time the Company's obligation to serve is increased or decreased, the highest Billing Demand established in the immediately preceding eleven (11) months shall be adjusted by a ratio of the Company's current obligation to serve to the Company's obligation to serve in the month of the highest Billing Demand before multiplying by seventy-five percent (75%).

ADJUSTMENT FOR LOAD FACTOR

If the Energy in kWhs for any month is less than the product of three hundred sixty-five (365) multiplied by the number of kW's constituting the Billing Demand for that month, then there shall be added to the Energy Charge \$0.001000 per kWh for such deficiency in kWhs.

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RATE FOR ELECTRIC SERVICE
RAILROAD POWER SERVICE

Sheet No. 3 of 3

GENERAL TERMS AND CONDITIONS OF SERVICE

1. Contract

Any Customer requesting service under this Rate Schedule shall enter into a written contract for an initial period of not less than 1 Contract Year, and such contract shall continue from year-to-year thereafter unless terminated by either party giving to the other at least 60 days prior written notice of the termination of such contract.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

2. Default Schedule.

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 850
RATE FOR ELECTRIC SERVICE
STREET LIGHTING

Sheet No. 1 of 8

TO WHOM AVAILABLE

Available for street, highway and billboard lighting service to Customers for lighting systems located on electric supply lines of the Company which are suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

Customer-Owned Equipment Maintained by the Customer

Applicable to Customers with Customer-owned equipment maintained by the Customer.

Customer-Owned Equipment Maintained by the Company

Applicable to Customers on Rates 880 and 899 as of December 21, 2011 (the date of the final Order in Cause No. 43969) with Customer-Owned equipment for the purposes of maintenance under the following rule:

Company will repair and/or replace and maintain all equipment owned by Company which may be necessary to provide electric Energy to the point of connection of Company's property with the lighting system of Customer.

Company shall also replace at its own cost and expense, on request of the Customer, all defective or burned-out lamps and all broken glassware of the street lighting system owned by Customer, and such replacement lamps and glassware shall be the property of Customer, but Company will not maintain at its own cost and expense any other part of the street lighting system of Customer.

Company will, where practicable, furnish necessary materials and do the work of maintaining any other part of the lighting system whenever the Customer shall by written order request Company so to do. The cost and expense of such materials and work shall be borne by the Customer.

Company-Owned Equipment Maintained by the Company

Applicable to Customers with Company-owned equipment maintained by the Company.

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STREET LIGHTING

Sheet No. 2 of 8

LIGHTING HOURS - OPTIONS

This service is available only during the hours each day between sunset and sunrise as set forth below. Daytime use of Energy under this Rate Schedule is strictly forbidden except for the sole purpose of testing and maintaining the lighting system.

Company-Owned Systems

Dusk to Dawn

The lighting hours for the lighting system shall be on a “dusk to dawn” schedule which provides the lamps to be lit from approximately sunset to sunrise each day of the year.

Customer-Owned Systems

Dusk to Dawn

The lighting hours for the lighting system shall be on a “dusk to dawn” schedule which provides the lamps to be lit from approximately sunset to sunrise each day of the year.

Dusk to Midnight

The lighting hours for the lighting system shall be on a “dusk to midnight” schedule which provides the lamps to be lit from approximately sunset to midnight C.S.T. each day of the year.

OWNERSHIP

Company-Owned Lighting Systems

The ownership of the property comprising of street and highway lighting systems served hereunder, including the poles, posts, wires, cables, conductors, conduit, fixtures, lamps, brackets, insulators, guys, anchors and other appliances and structures, is and shall remain in the Company. The Company shall own the distribution transformers, photo-electric controls and required associated equipment.

Company shall erect the service lines necessary to supply electrical Energy to the point of connection with the street and highway lighting system of Customer within the limits of the public structures, public streets and highways or on private property as mutually agreed upon by Company and Customer, provided, however, that where such extension exceeds two spans Customer shall pay to Company a sum equal to the estimated cost of constructing such excess of service lines to supply electrical Energy to the street or highway lighting system.

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STREET LIGHTING

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Customer-Owned Lighting Systems

The ownership of the property comprising of street, highway and billboard lighting systems served hereunder, including the photo-electric controls, poles, posts, wires, cables, conductors, conduit, fixtures, lamps, brackets, insulators, guys, anchors and other appliances and structures, is and shall remain in the Customer. The Company shall own the distribution transformers and required associated equipment.

Company shall erect the service lines necessary to supply electrical Energy to the point of connection with the street, highway and billboard lighting system of Customer within the limits of the public structures, public streets and highways or on private property as mutually agreed upon by Company and Customer, provided, however, that where such extension exceeds two spans Customer shall pay to Company a sum equal to the estimated cost of constructing such excess of service lines to supply electrical Energy to the street, highway or billboard lighting system.

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Lamp Charge, an Energy Charge, and applicable Riders as identified in Appendix A. The Lamp Charge and Energy Charge per month are as follows:

Lamp Charge

Customer-Owned Equipment Maintained by the Customer

For Customer-Owned Equipment Maintained by the Customer, the Lamp Charge shall be \$4.06 per lamp per month.

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STREET LIGHTING

Sheet No. 4 of 8

Lamp Charge (Continued)**Company-Owned and Customer-Owned Equipment Maintained by the Company**

Lamp Type	Company Owned	Company Owned TDSIC Installed	Customer Owned-Company Maintained
175 Watt Mercury Vapor ¹	\$13.48	n/a	n/a
400 Watt Mercury Vapor ¹	\$15.40	n/a	n/a
Up to 50 Watt Light Emitting Diode (LED) Replacement ²	\$9.71	\$7.10	n/a
70 to 90 Watt LED Replacement ²	\$10.66	\$7.67	n/a
91 to 115 Watt LED Replacement ²	\$11.82	\$8.38	n/a
170 to 210 Watt LED Replacement ²	\$14.95	\$10.25	n/a
Up to 50 Watt LED New Install ³	\$14.37	n/a	n/a
70 to 90 Watt LED New Install ³	\$15.40	n/a	n/a
91 to 115 Watt LED New Install ³	\$16.65	n/a	n/a
170 to 210 Watt LED New Install ³	\$20.02	n/a	n/a
100 Watt High Pressure Sodium	\$13.24	n/a	n/a
150 Watt High Pressure Sodium	\$14.02	n/a	n/a
250 Watt High Pressure Sodium	\$14.45	n/a	\$5.66
400 Watt High Pressure Sodium	\$15.96	n/a	\$6.53

¹ Available to existing Customers only. The Energy Policy Act of 2005 requires that mercury vapor lamp ballasts shall not be manufactured or imported after January 1, 2008. To the extent that the Company has the necessary materials, the Company will continue to maintain existing mercury vapor lamp installations in accordance with this Rate Schedule.

² Replacement LEDs include cost for head only (existing bracket, arm, pole and secondary span).

³ New install includes installation of head, bracket, and arm on existing pole and with existing secondary span.

Company-Owned Equipment

Company-owned monthly lamp charges apply to lights installed with a standard setup. A standard setup includes an appropriate sized wood pole and related equipment for the lamp type selected by the Customer. For Customers that desire additional equipment beyond a standard setup, a non-refundable contribution equal to the difference between the installed cost and a standard setup will be required to be unconditionally made to the Company prior to installation.

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STREET LIGHTING

Sheet No. 5 of 8

RATE (Continued)

Energy Charge

\$0.030029 per kWh for all kWhs Lamps.

The following tables will be utilized to calculate the monthly Energy Charge, along with the applicable Riders as identified in Appendix A. These tables represent the lamp burning hours, in kWh.

Dusk to Dawn Usage Hours:

(kWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Lamp Type													
100 Watt Mercury Vapor	52.9	44.7	44.3	37.9	34.8	31.5	33.5	37.3	40.7	47.1	49.9	54.0	508.7
150 Watt Mercury Vapor	78.7	66.5	65.9	56.3	51.8	46.9	49.9	55.4	60.6	70.1	74.3	80.4	756.6
175 Watt Mercury Vapor	87.0	73.6	72.9	62.3	57.3	51.8	55.2	61.3	67.0	77.6	82.2	88.9	837.1
250 Watt Mercury Vapor	126.9	107.4	106.3	90.9	83.5	75.6	80.5	89.4	97.7	113.2	119.9	129.7	1,221.0
400 Watt Mercury Vapor	230.2	194.8	192.7	164.9	151.5	137.1	145.9	162.2	177.2	205.2	217.4	235.3	2,214.4
175 Watt Metal Halide	89.7	75.9	75.1	64.3	59.0	53.4	56.9	63.2	69.1	80.0	84.7	91.7	863.0
250 Watt Metal Halide	123.7	104.7	103.6	88.6	81.4	73.7	78.4	87.1	95.3	110.3	116.8	126.4	1,190.1
400 Watt Metal Halide	189.7	160.5	158.8	135.9	124.8	113.0	120.2	133.6	146.0	169.1	179.1	193.8	1,824.5
1500 Watt Metal Halide	692.9	586.2	580.0	496.3	456.0	412.7	439.2	488.0	533.5	617.6	654.2	708.1	6,664.7
Up to 50 Watt LED	17.9	15.2	15	12.8	11.8	10.7	11.4	12.6	13.8	16.7	16.9	18.3	172.4
70 to 90 Watt LED	35.8	30.3	30	25.7	23.6	21.4	22.7	25.2	27.6	31.9	33.8	36.6	344.6
91 to 115 Watt LED	44.7	37.9	37.5	32.1	29.5	26.7	28.4	31.5	34.5	39.9	42.3	45.7	430.7
180 to 210 Watt LED	82.7	73.9	73.1	62.6	57.5	52.1	55.4	61.4	67.3	77.8	82.5	89.1	839.9
55 Watt Low Pressure Sodium	35.0	29.6	29.3	25.1	23.0	20.8	22.2	24.6	26.9	31.2	33.0	35.8	336.6
90 Watt Low Pressure Sodium	57.5	48.6	48.1	41.2	37.8	34.2	36.4	40.5	44.3	51.3	54.3	58.8	553.1
135 Watt Low Pressure Sodium	70.2	59.4	58.8	50.3	46.2	41.8	44.5	49.5	54.1	62.6	66.3	71.8	675.7
70 Watt High Pressure Sodium	43.2	36.5	36.1	30.9	28.4	25.7	27.4	30.4	33.2	38.5	40.8	44.1	415.3
100 Watt High Pressure Sodium	63.3	53.6	53.0	45.4	41.7	37.7	40.1	44.6	48.7	56.4	59.8	64.7	609.0
150 Watt High Pressure Sodium	85.2	72.1	71.4	61.1	56.1	50.8	54.0	60.0	65.6	76.0	80.5	87.1	819.9
200 Watt High Pressure Sodium	101.4	85.8	84.9	72.7	66.8	60.4	64.3	71.4	78.1	90.4	95.8	103.7	975.7
250 Watt High Pressure Sodium	135.6	114.7	113.5	97.1	89.2	80.7	85.9	95.5	104.4	120.9	128.0	138.5	1,304.1
310 Watt High Pressure Sodium	163.6	138.4	136.9	117.2	107.7	97.4	103.7	115.2	125.9	145.8	154.5	167.2	1,573.5
400 Watt High Pressure Sodium	221.6	187.5	185.5	158.7	145.9	132.0	140.5	156.1	170.6	197.6	209.3	226.5	2,131.8
1000 Watt High Pressure Sodium	494.4	418.3	413.9	354.2	325.4	294.5	313.4	348.3	380.7	440.7	466.9	505.3	4,755.9

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RATE FOR ELECTRIC SERVICE
STREET LIGHTING

Sheet No. 6 of 8

Dusk to Midnight Usage:

(kWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Lamp Type													
175 Watt Mercury Vapor	42.8	35.8	31.9	25.8	23.6	20.6	21.6	24.8	28.6	34.6	42.2	45.1	377.3
250 Watt Mercury Vapor	62.5	52.3	46.6	37.7	34.4	30.1	31.5	36.3	41.8	50.5	61.6	65.8	551.1
400 Watt Mercury Vapor	112.9	94.4	84.1	68.1	62.1	54.4	56.9	65.5	75.4	91.1	111.2	118.8	994.9
150 Watt High Pressure Sodium	42.0	35.1	31.3	25.4	23.1	20.2	21.2	24.4	28.1	33.9	41.4	44.2	370.4
Up to 50 Watt LED	9	7.5	6.7	5.4	5	4.4	4.6	5.2	6	7.3	8.9	9.5	79.5
70 to 90 Watt LED	18	15	13.4	10.9	9.9	8.7	9.1	10.5	12.1	14.6	17.8	19	159
91 to 115 Watt LED	22.5	18.8	16.8	13.6	12.4	10.9	11.4	13.1	15.1	18.2	22.2	23.7	198.7
180 to 210 Watt LED	43.9	36.7	32.8	26.5	24.2	21.3	22.2	25.5	29.4	35.5	43.3	46.2	387.5

Unlisted Fixture Usage:

For any lamp type not listed in the usage tables above, the monthly Energy shall be calculated based on the lamp wattage with associated losses and the hours of operation based upon the table below:

Hours of Operation:

Hours of Operation	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Dusk to Dawn	447	379	375	321	295	267	284	315	345	399	423	457	4,304
Dusk to Midnight	225	188	168	136	124	109	114	131	151	182	222	237	1,986

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge per lamp under this Rate Schedule shall be the sum of the Lamp Charge plus the Energy Charge and applicable Riders as identified in Appendix A.

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RATE FOR ELECTRIC SERVICE
STREET LIGHTING

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GENERAL TERMS AND CONDITIONS OF SERVICE

The Customer shall furnish to the Company, without cost to the Company and on forms suitable to it, all rights, permits and easements necessary to permit the installation and maintenance of the Company's facilities on, over, under and across private property where and as needed by the Company in providing service hereunder.

The Company shall adjust the automatic control on each installation of Company-owned equipment to provide lighting service to the appropriate lighting hours as listed in this Rate Schedule. For Customers under maintenance schedules, lamp replacements and repairs will be made within a reasonable period of time, during regular working hours, after Customer's notification of the need for such maintenance.

The facilities installed by the Company shall remain the property of the Company and may be removed by the Company if service is discontinued.

Underground service is available, provided, that the Customer shall pay to the Company a sum equal to the estimated cost of constructing such underground service line to supply electrical Energy to the lighting fixture.

The facilities owned by the Company in this rate Schedule apply to wood-pole mounted lighting. Customers requesting ornamental lighting to be installed and owned by the Company are subject to a non-refundable contribution being unconditionally made to the Company prior to such installation for each lighting unit to be installed. The rate for such ornamental lighting shall be equal to the difference in the investment required per such unit of the ornamental system as installed and that of a comparable overhead wood-pole mounted Company owned lighting installation of same unit lumen rating.

Customer may request Company to install a new lighting system. Company will install a new lighting system under a new contract when the Customer's contractual obligations under this Rate Schedule have been met.

Customers may request Company to remove the lighting system and replace it with their own. Company will honor such request when the Customer fulfills the Customer's remaining financial responsibilities contained in the Customer's contract.

The availability of this service may be withheld from extension to otherwise qualifying Customers and systems if in the opinion of the Company the location or design of such lighting system will create safety hazards or extraordinary difficulties in the performances of maintenance.

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GENERAL TERMS AND CONDITIONS OF SERVICE (Continued)

The Company will not be responsible to provide replacement glassware for discontinued, decorative, or certain other luminaires which in the opinion of the Company are too expensive or unusual to warrant such replacement service. The Company may, at its option, provide service to such luminaires, but the Customer will be required to provide at no cost to the Company the replacement glassware.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE FOR ELECTRIC SERVICE
TRAFFIC AND DIRECTIVE LIGHTING

Sheet No. 1 of 1

TO WHOM AVAILABLE

Available to any Customer for non-metered traffic directive lights located on the Company's electric supply lines suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

Alternating current, 60 hertz, single phase, at a voltage of approximately 115 volts two-wire, or 115-230 volts three-wire.

RATE

The rate for electric service and Energy supplied hereunder shall consist of a Service Drop Charge, an Energy Charge and applicable Riders as identified in Appendix A. The Service Drop Charge and Energy Charge are as follows:

Service Drop Charge

\$15.47 per month

Energy Charge

\$0.115281 per kWh for all kWhs used per month.

The average kW's burning shall be determined by the Company from the indications of a suitable Demand measuring instrument and shall be taken as the average load in watts during a 15 consecutive minute interval of time. Such determination shall be taken during a period of normal operation. The measured Demand will be converted to a monthly usage in kWhs based on the number of hours in the month.

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge per service drop under this Rate Schedule shall be the sum of the Service Drop Charge plus the Energy Charge and applicable Riders as identified in Appendix A.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RATE 860
RATE FOR ELECTRIC SERVICE
DUSK TO DAWN AREA LIGHTING

Sheet No. 1 of 4

TO WHOM AVAILABLE

Available for dusk to dawn area lighting service to Customers for Company-owned lighting systems located on electric supply lines of the Company which are suitable and adequate for supplying the service requested, subject to the conditions set forth in this Rate Schedule and the Company Rules.

CHARACTER OF SERVICE

This Rate Schedule is only applicable to Company-owned lighting systems. The Company will repair and/or replace and maintain all equipment owned by Company which may be necessary to supply electric Energy to the point of connection of Company's property

LIGHTING HOURS

Dusk to Dawn

The lighting hours for the lighting system shall be on a "dusk to dawn" schedule which provides the lamps to be lighted from sunset to sunrise each day of the year.

RATE

The electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Lamp and Equipment Charge, an Energy Charge and applicable Riders as identified on Appendix A. Subject to the adjustments herein provided, said rate per unit of equipment per month is as follows:

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DUSK TO DAWN AREA LIGHTING

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Lamp and Equipment Charges

Lamp Type	Company Owned
175 Watt Mercury Vapor*	\$12.35
400 Watt Mercury Vapor*	\$15.15
100 Watt High Pressure Sodium Dusk to Dawn Fixture	\$11.99
250 Watt High Pressure Sodium Dusk to Dawn Fixture	\$13.71
400 Watt High Pressure Sodium Dusk to Dawn Fixture	\$15.17
150 Watt High Pressure Sodium Floodlight	\$13.66
250 Watt High Pressure Sodium Floodlight	\$14.43
400 Watt High Pressure Sodium Floodlight	\$15.77
30 ft. wood pole and span of Secondary Line	\$4.98
35 ft. wood pole and span of Secondary Line	\$5.26
40 ft. wood pole and span of Secondary Line	\$5.74
Guy and anchor set	\$1.11
Extra span of Secondary Line	\$1.61

*Available to existing Customers only

Energy Charge

\$0.030029 per kWh for all kWhs used per month for each lamp.

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DUSK TO DAWN AREA LIGHTING

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The following table will be utilized to calculate the monthly Energy usage per lamp, along with the applicable Riders as identified in Appendix A.

Dusk to Dawn Usage

(kWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Lamp Type													
175 Watt Mercury Vapor	87.0	73.6	72.9	62.3	57.3	51.8	55.2	61.3	67.0	77.6	82.2	88.9	837.1
400 Watt Mercury Vapor	230.2	194.8	192.7	164.9	151.5	137.1	145.9	162.2	177.2	205.2	217.4	235.3	2,214.4
100 Watt High Pressure Sodium Dusk to Dawn Fixture	63.3	53.6	53.0	45.4	41.7	37.7	40.1	44.6	48.7	56.4	59.8	64.7	609.0
250 Watt High Pressure Sodium Dusk to Dawn Fixture	135.6	114.7	113.5	97.1	89.2	80.7	85.9	95.5	104.4	120.9	128.0	138.5	1,304.1
400 Watt High Pressure Sodium Dusk to Dawn Fixture	221.6	187.5	185.5	158.7	145.9	132.0	140.5	156.1	170.6	197.6	209.3	226.5	2,131.8
150 Watt High Pressure Sodium Floodlight	85.2	72.1	71.4	61.1	56.1	50.8	54.0	60.0	65.6	76.0	80.5	87.1	819.9
250 Watt High Pressure Sodium Floodlight	135.6	114.7	113.5	97.1	89.2	80.7	85.9	95.5	104.4	120.9	128.0	138.5	1,304.1
400 Watt High Pressure Sodium Floodlight	221.6	187.5	185.5	158.7	145.9	132.0	140.5	156.1	170.6	197.6	209.3	226.5	2,131.8

MONTHLY MINIMUM CHARGE

The Customer's monthly Minimum Charge per lamp under this Rate Schedule shall be the sum of the applicable Lamp and Equipment Charges plus the Energy Charge and applicable Riders as identified in Appendix A.

GENERAL TERMS AND CONDITIONS OF SERVICE

The Customer shall furnish to the Company, without cost to the Company and on forms suitable to it, all rights, permits and easements necessary to permit the installation and maintenance of the Company's facilities on, over, under and across private property where and as needed by the Company in providing service hereunder.

The facilities installed by the Company shall remain the property of the Company and may be removed by the Company if service is discontinued.

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DUSK TO DAWN AREA LIGHTING

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GENERAL TERMS AND CONDITIONS OF SERVICE (Continued)

Underground service is available, provided, that the Customer shall pay to the Company a sum equal to the estimated cost of constructing such underground service line to supply electric Energy to the outdoor lighting fixture.

The facilities owned by the Company in this Rate Schedule apply to wood-pole mounted lighting. Customers requesting Ornamental Street Lights to be installed and owned by the Company are subject to a non-refundable contribution being unconditionally made to the Company prior to such installation for each street lighting unit to be installed and to which this Rate Schedule is applicable equal to the difference in the investment required per such unit of the Ornamental system as installed and that of a comparable Overhead wood-pole mounted Company owned lighting installation of same unit lumen rating.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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RENEWABLE FEED-IN TARIFF

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TO WHOM AVAILABLE

This Rate Schedule is a voluntary offer available to any Customer that operates within the Company's service territory a Qualifying Renewable Energy Power Production Facility ("Facility"). Service under this Rate Schedule is subject to the Company's Rules and, any terms, conditions and restrictions imposed by any valid and applicable law or regulation. Unless otherwise indicated, the provisions below apply to both Phase I and Phase II of this Rate Schedule.

1. Definitions

Phase I	All projects awarded capacity prior to March 4, 2015.
Phase II	All projects awarded capacity on or after March 4, 2015.
Allocation I	For Intermediate Solar and Phase II Biomass, the period of the commencement of Phase II plus twenty-four (24) months. Allocation I shall commence March 4, 2015 and end March 4, 2017.
Allocation II	For Intermediate Solar and Phase II Biomass, the period beginning twenty-four (24) months after the commencement of Phase II. Allocation II shall commence March 4, 2017.
Biomass Allocation	For Phase II Biomass, one (1) MW of capacity.
Commencement Date	The date the project begins providing energy to Company.
Micro Solar	Solar projects of at least 5 kW and equal to or less than 10 kW.
Intermediate Solar	Solar projects greater than 10 kW and equal to or less than 200 kW.
Micro Wind	Wind projects of at least 3 kW and equal to or less than 10 kW.
Intermediate Wind	Wind projects of greater than 10 kW and equal to or less than 200 kW.
Phase II Biomass	Biomass projects of at least 100 kW and equal to or less than 1 MW.

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TO WHOM AVAILABLE (Cont'd)

2. Available Capacity

A. Phase I:

The total capacity available under this Rate Schedule is limited to 30 MW with no single technology exceeding fifty percent (50%) of the 30 MW cap; provided, however, 700 kW of the 30 MW cap is specifically allocated and reserved for solar projects of less than 10 kW capacity and 300 kW of the 30 MW cap is specifically allocated and reserved for wind projects of less than 10 kW capacity. Projects that were in the project queue for Phase I, but are approved after the commencement of Phase II shall be treated as Phase I projects. However, the Customer will be bound by the interconnection agreement and renewable power purchase agreement ("RPPA") currently in effect at the time both are executed.

B. Phase II:

The total capacity available under this Rate is limited to 16 MW as follows:

Technology	Phase II MW Available
Micro Solar	2
Intermediate Solar	8
Micro Wind	1
Intermediate Wind	1
Phase II Biomass	4
Total	16

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TO WHOM AVAILABLE (Cont'd)

3. Qualifying Facilities

A. Phase I:

The Facility shall be a single arrangement of equipment located on a single site of Customer no less than 5 kW and no greater than 5 MW, for the production of electricity through the use of one hundred percent (100%) renewable resources or fuels, which shall include the following Renewable Energy Resources:

1. energy from wind; solar energy;
2. photovoltaic cells and panels;
3. dedicated crops grown for energy production;
4. organic waste biomass, including any of the following organic matter that is available on a renewable basis:
 - a. agricultural crops;
 - b. agricultural wastes and residues;
 - c. wood and wood wastes, including wood residues, forest thinnings, and mill; residue wood;
5. animal wastes;
6. animal byproducts;
7. aquatic plants; algae;
8. energy from waste to energy facilities; and
9. new hydropower facilities with capacities up to 1 MW.

The Company may make this Rate Schedule available to Customers with a Facility less than 5 kW at the Company's discretion.

In no event shall any one (1) Customer's, including Customer's affiliates and the combination of Customer's total Premises, total capacity subscribed under this Rate Schedule exceed 5 MW.

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B. Phase II:

The Facility shall be a single arrangement of equipment located on a single site of Customer no less than 5 kW (or 3 kW for Micro Wind) and no greater than 1 MW (or 200 kW for Intermediate Wind or Intermediate Solar), for the production of electricity through the use of one hundred percent (100%) renewable resources or fuels, which shall include the following Renewable Energy Resources:

1. energy from wind; solar energy;
2. photovoltaic cells and panels;
3. dedicated crops grown for energy production;
4. organic waste biomass, including any of the following organic matter that is available on a renewable basis:
 - a. agricultural crops;
 - b. agricultural wastes and residues;
 - c. wood and wood wastes, including wood residues, forest thinnings, and mill; residue wood;
4. animal wastes;
5. animal byproducts;
6. aquatic plants; algae; and
7. energy from waste to energy facilities.

The Company may make this Rate Schedule available to Customers with a Facility less than 5 kW (or 3 kW for Micro Wind) at the Company's discretion.

In no event shall any one (1) Customer's, including Customer's affiliates and the combination of Customer's total premises, total capacity subscribed under this Rate Schedule exceed 1 MW.

C. Applicable to both Phase I and Phase II:

The Customer shall be solely responsible for compliance with applicable federal laws and regulations.

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CHARACTER OF SERVICE

An eligible Customer with a Facility whose account is not more than thirty (30) days in the arrears and who does not have any legal orders outstanding pertaining to any account with the Company is qualified as an eligible Facility in good standing.

For Phase II projects each individual project shall require a distinct service address. The project may not have the same address as or add to a project participating in Phase I.

The Customer shall sell the total production of the Facility to the Company and shall receive service for their Customer load separately under the appropriate retail Rate Schedule; provided, however, a Customer may elect to utilize up to 1 MW of the production from the Facility for Customer's own load at the same site or Premise as defined in the Company's Rules, subject to the terms and conditions of Rider 880 – Net Metering. The portion of capacity from the Facility sold to the Company under this Rate Schedule shall only be counted against the appropriate system-wide and technology specific caps under this Rate Schedule.

A Customer may not simultaneously qualify any one (1) unit of capacity for this Renewable Feed-In Tariff and Rider 878 – Purchases from Cogeneration Facilities and Small Power Production Facilities either in combination with or apart from the provisions of Rider 880 – Net Metering.

Before the Company will allow interconnection with the Facility, and before production may begin, the Customer shall be required to enter into an interconnection agreement applicable to the Facility as set forth in Rider 879 – Interconnection Standards, and otherwise comply with this Rider and the applicable requirements of 170 IAC 4-4-3, and the National Electric Safety Code.

Interconnection costs from the Facility to the Company's Distribution or Transmission system, along with required system upgrades in order to provide this service shall be borne by the Facility.

The Facility shall install, operate, and maintain in good order such relays, locks and seals, breakers, automatic synchronizer, and other control and protective apparatus as shall be designated by the Company for operation parallel to its system. The Facility shall bear full responsibility for the installation and safe operation of this equipment.

Breakers capable of isolating the Facility from the Company shall at all times be immediately accessible to the Company. The Company may isolate the Facility at its own discretion if the Company believes continued parallel operation with the Facility creates or contributes to a system emergency. System emergencies causing discontinuance of parallel operation are subject to verification by the Commission.

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AVAILABILITY

1. Phase II Capacity Allocation
 - a. All Phase II capacity for Micro Solar, Micro Wind and Intermediate Wind shall be available at the beginning of Phase II.
 - b. For Intermediate Solar, one-half (1/2) of the available capacity (4 MW) in Phase II shall be available during Allocation I, with the remaining one-half (1/2) of the capacity (4 MW) being available during Allocation II.
 - c. For Phase II Biomass, one-half (1/2) of the available capacity (2 MW) in Phase II will be offered in Allocation I at a fixed rate as outlined in the Purchase Rate section below. The remaining one-half (1/2) of the Phase II Biomass capacity (2 MW) plus any capacity remaining after Allocation I shall be made available during Allocation II through allocations of 1 MW, with the first Phase II Biomass Allocation consisting of 1 MW plus any capacity from Allocation I.

2. Allocation II Phase II Biomass capacity shall be subject to a reverse auction whereby:
 - a. Each reverse auction shall consist of one (1) Phase II Biomass Allocation.
 - b. A "bid" equals the rate plus the applicable escalation rate (one percent (1.0%) per year for contracts executed during Allocation II).
 - c. Each project requires a separate request.
 - d. Each project must include a non-refundable application fee of \$25 plus \$1 for each kW of capacity included in the project.
 - e. Each bid must be accompanied by a refundable surety performance fee of \$300 per kW, which will be returned to the bidder after (i) the Commencement Date; or (ii) failure of the bidder to secure capacity. A bidder who is successful in the reverse auction and cancels the project before the Commencement Date shall forfeit the surety performance fee.
 - f. The lowest bid wins the contracted capacity. If the winning bid is for less than the Phase II Biomass Allocation, the unallocated capacity rolls forward to the next Phase II Biomass Allocation. If a project is subsequently canceled, the capacity will be offered in the next Phase II Biomass Allocation. However, if there is excess capacity after the second Phase II Biomass Allocation is complete, no additional Phase II Biomass Allocation will be offered.
 - g. Each bid shall consist of two public bids
 - i. First Bidding Period: an opening bid that must be submitted within thirty (30) days of opening the Phase II Biomass Allocation
 - ii. Second Bidding Period: a second bid due within five (5) days of the end of the First Bidding Period
 - h. An unsuccessful bid during one (1) Phase II Biomass Allocation may be preserved for the next Phase II Biomass Allocation (if available).
 - i. The winning bidder will follow the remainder of the interconnection process.

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AVAILABILITY (Continued)

- j. A bidder may split capacity between Allocation I (fixed rate, 1.5% per year escalation) and Allocation II (reverse auction, 1.0% per year escalation). However, the rate and capacity determined by the reverse auction shall be the rate paid for that amount of capacity first before paying the higher rate (i.e., if 400 kW is contracted under Allocation I at \$0.0918/kWh and 600 kW is contracted under Allocation II at \$0.0800/kWh, the first 600 kW will be paid at \$0.0800). In addition, all capacity shall be subject to the lower escalation rate (1.0% per year).
3. Micro Wind, Micro Solar, Intermediate Wind, Intermediate Solar and Allocation I of Phase II Biomass shall be subject to a lottery process as follows:
 - a. Request forms shall begin being accepted by Company no later than thirty (30) days after the commencement of Phase II.
 - b. Request forms shall be accepted for a period of sixty (60) days from the date applications begin to be accepted.
 - c. Each request must include a non-refundable application fee of \$25 plus \$1 for each kW of capacity included in the project.
 - d. Each project must have its own request form.
 - e. Company shall review forms within seven (7) calendar days of receipt and return the form to the requestor if information is incomplete or the request does not meet the requirements set forth in this Renewable Feed-In Tariff. Once a form is accepted by Company, a number will be assigned to that request.
 - f. Requestors shall have up to 90 days from the date applications begin to be accepted to resubmit any returned forms.
 - g. For technologies where there are more requests than there is available capacity, no later than fourteen (14) days from the ninetieth (90th) day described in Section 3(f) above, a drawing will be held and each request will be ranked according to the drawing. Each request will be notified of its place in the queue and whether or not there is currently capacity available to meet the request.
 - h. If the lottery results mean only a portion of a request can be fulfilled, that Customer shall be provided the opportunity to determine whether to accept the available capacity.
 - i. For technologies where there are fewer requests than there is available capacity, all requests that meet the requirements set forth in this Renewable Feed-In Tariff will be notified of the acceptance of the request and the next steps in the process.
 - j. Approved Customers shall follow the remainder of the interconnection process.

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AVAILABILITY (Cont'd)

- k. If there is unsubscribed capacity:
 - i. For Micro Wind, Micro Solar, and Intermediate Wind, capacity shall be available on a first come, first serve basis until capacity is fully subscribed.
 - ii. For Intermediate Solar, any unsubscribed capacity from Allocation I shall be made available under Allocation II.
 - iii. That becomes available after the conclusion of the Allocation II lottery, such capacity shall be available on a first come, first served basis until capacity is fully subscribed.
- l. For Intermediate Solar, a second lottery will be held with Company beginning to accept forms at a date posted on its Website and no later than two (2) years following the commencement of Phase II. The remainder of the process outlined in Section 3 b. through 3 j. shall be followed.

PURCHASE RATE - ENERGY

The Rate the Company will pay for Energy purchased from the Facility inclusive of all environmental attributes, including Renewable Energy Credits ("RECs"), carbon credits, greenhouse gas offsets, and any other environmental credit that may be associated with the production of renewable Energy from the Facility shall be as follows:

For Phase I Projects:

Wind

For Facility Capacities less than or equal to 100 kW	\$0.1700 per kWh
For Facility Capacities greater than 100 kW and less than or equal to 2 MW	\$0.1000 per kWh

Solar

For Facility Capacities less than or equal to 10 kW	\$0.3000 per kWh
For Facility Capacities greater than 10 kW and less than or equal to 2 MW	\$0.2600 per kWh

Biomass

For Facilities of all Capacities up to and including 5 MW	\$0.1060 per kWh
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New Hydro

For New Facility Capacities less than or equal to 1 MW	\$0.1200 per kWh
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PURCHASE RATE - ENERGY (Cont'd)

With the exception of Biomass, for a Facility with a capacity greater than 2 MW and less than or equal to 5 MW or an energy from waste or dedicated crop facility, a formula rate shall apply based upon Attachment A to this Renewable Feed-In Tariff and subject to the Company's reasonable discretion in review of the Customer's information necessary to calculate the applicable purchase rate. In no event shall the purchase rate calculated under Attachment A to this Renewable Feed-In Tariff be in excess of those stated above by technology; in addition, the purchase rate for an energy from waste or dedicated crop facility shall in no event be in excess of the stated rate for Biomass. Customer shall provide information to Company to calculate the applicable purchase rate based upon such formula application. The purchase rate shall be in per kWh units.

For all Facility RPPAs the purchase rate for Energy shall also be subject to a 2% per year escalator.

For Phase II Projects (for contracts executed during Allocation I):

Wind:

For Micro Wind Facility Capacities	\$0.2500 per kWh
For Intermediate Wind Facility Capacities	\$0.1500 per kWh

Solar:

For Micro Solar Facility Capacities	\$0.1700 per kWh
For Intermediate Solar Facility Capacities	\$0.1500 per kWh

Biomass:

For Phase II Biomass Capacities up to and including 4 MW	\$0.0918 per kWh
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For Biomass Facility RPPAs, the purchase rate for Energy shall also be subject to a 1.5% per year escalator. There shall be no escalator for other technologies.

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PURCHASE RATE - ENERGY (Continued)

For Phase II Projects (if capacity remains after Allocation I, for contracts executed during Allocation II):

Wind:

For Micro Wind Facility Capacities	\$0.2300 per kWh
For Intermediate Wind Facility Capacities	\$0.1380 per kWh

Solar:

For Micro Solar Facility Capacities	\$0.1564 per kWh
For Intermediate Solar Facility Capacities	\$0.1380 per kWh

Biomass (subject to a reverse auction, with a rate not to exceed):

For Phase II Biomass Capacities up to and including 4 MW	\$0.0918 per kWh
--	------------------

For Biomass Facility agreements, the purchase rate for Energy shall also be subject to a 1.0% per year escalator. There shall be no escalator for other technologies.

For Phase I and Phase II Projects:

At Company's discretion, the Company and the Customer may negotiate terms and a purchase rate for Energy or capacity which differs from the purchase rates set out above. The Company and the Customer may agree to increase or decrease the purchase rate in recognition of the following factors:

- (1) The extent to which scheduled outages of the Facility can be usefully coordinated with scheduled outages of the Company's generation facilities;
- (2) The relationship of the availability of Energy from the Facility to the ability of the Company to avoid costs, particularly as is evidenced by the Company's ability to dispatch the Facility;
- (3) The usefulness of the Facility during system emergencies;
- (4) The impact of tax credits, grants and other financial incentives that when combined with the purchase rate would produce excessive profits for the Facility; and
- (5) Customer desire to retain any environmental attributes.

PURCHASE RATE – CAPACITY (Biomass)

In addition to the Purchase Rate – Energy payments set out above, the Company will pay Customer for demonstrated generating capacity for Biomass according to capacity component terms and conditions of the Company's Rider 878 – Purchases from Cogeneration Facilities and Small Power Production Facilities as may be in effect from time-to-time.

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CONTRACT

The Company and the Customer may enter into a contract for a term not to exceed fifteen (15) Calendar Years for purchases, and such contract shall be subject to approval of the Commission and to the IURC and Company Rules. Purchase rates and adjustments, if any, prescribed in the contract shall remain in effect notwithstanding changes made to the applicable Purchase Rate from time to time.

A Customer may elect to not enter into a contract for a term not to exceed fifteen (15) years, and in such instance, purchases from Customer's Facility are subject to the applicable and effective Purchase Rate provided in this Renewable Feed-In Tariff as it may be from time to time.

INTERCONNECTION PRIORITY

The Company shall maintain an interconnection queue for the purpose of prioritizing interconnections to its Distribution system in accordance with Rider 879 – Interconnection Standards, and this queue shall determine eligibility for purposes of administering the total capacity available under this Renewable Feed-In Tariff.

A Customer shall place Facility into service no later than one (1) Contract Year from the execution date of the contract or approval of the contract by the Commission, if required. Facilities not placed into service within one (1) Contract Year shall forfeit their position in the interconnection queue unless otherwise agreed by the Company in its sole reasonable discretion based upon consideration of Customer's completion of project milestones and/or construction activity to place the Facility into service. Such a waiver by the Company shall not exceed ninety (90) days in length, although the Customer may request additional extension(s) so long as each request does not exceed ninety (90) days.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules and IURC Rules.

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ATTACHMENT A
(APPLICABLE TO PHASE I ONLY)

The purchase rate for Energy for Phase I Projects subject to this Attachment A shall be derived from a twenty (20) year discounted cash flow analysis with a payback period of no more than ten (10) years, but in no case will the rate exceed the purchase rate by technology, as applicable, stated in this Renewable Feed-In Tariff.

Unless specifically indicated, the following Customer Supplied data will be utilized in the analysis:

Inflation Rate (%)	<u>2%</u>
Effective Tax Rate (%)	_____
Tax Depreciation Rate (%)	_____
Investment Tax Credit Rate (%)	_____
Discount Rate (%)	<u>7%</u>
Technology Type	_____
Capacity (kW)	_____
Capital Cost of the Project (\$)	_____
Investment Tax Credit (%)	_____
Fixed Annual O&M Cost (\$)	_____
In Service Date	_____
Annual Capacity Factor (%)	_____
Annual Energy Production (kWh)	_____
REC Rate (\$/kWh)	_____

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RIDER 870
ADJUSTMENT OF CHARGES FOR COST OF FUEL RIDER

Sheet No. 1 of 1

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

RATE

- A. The applicable charges for Energy use under all Rate Schedules are subject to adjustment for fuel cost and shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh to recover and/or credit for the cost of fuel in accordance with the following:

$$\text{Adjustment Factor} = (F/S) - 0.026697$$

Where:

1. "F" is the estimated expense of fuel based on a three (3) month average cost beginning with the month immediately following the twenty (20) day period allowed by the Commission in IC 8-1-2-42 (b) and consisting of the following costs:
 - (a) the average cost of fossil fuel consumed in the Company's own plants, such cost being only those items listed in Account 151 of FERC's Uniform System of Accounts for Class A and B Public Utilities and Licensees; and
 - (b) Purchased Power Costs; and
 - (c) Fuel-related MISO charge types; and
 - (d) Other costs approved by the Commission for recovery.
 2. "S" is the three (3) month kWh sales forecast for each Rate Schedule.
- B. The Fuel Cost Adjustment shall be further modified to reflect the difference in the estimated incremental fuel cost billed and the incremental fuel cost actually experienced during the first and succeeding billing cycle month(s) or calendar months(s) in which such estimated incremental fuel cost was billed for those months not previously reconciled.
- C. The Fuel Cost Adjustment is shown in Appendix B.

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RIDER 871
ADJUSTMENT OF CHARGES FOR REGIONAL TRANSMISSION ORGANIZATION

Sheet No. 1 of 1

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

ADJUSTMENT OF CHARGES FOR REGIONAL TRANSMISSION ORGANIZATION (“RTO”) FACTOR

Energy Charges in the Rate Schedules are subject to adjustment to reflect the recovery of net non-fuel MISO costs and revenues and one hundred percent (100%) sharing of Off-System Sales Margins. Such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh in accordance with the following:

$$\text{RTO Factor} = ((E \times Pe) + (D \times Pd)) / S1 + ((OSS \times Pe) / S1)$$

Where:

- “RTO” is the rate adjustment for each Rate Schedule.
- “E” equals the total net non-fuel MISO costs and revenues which are Energy allocated.
- “Pe” represents the Production Energy Allocation percentage for each Rate Schedule.
- “D” equals the total net non-fuel MISO costs and revenues which are Demand allocated.
- “Pd” represents the Production Demand Allocation percentage for each Rate Schedule.
- “OSS” equals the total one hundred percent (100%) sharing of annual Off-System Sales Margins.
- “S1” is the 6-month kWh sales forecast for each Rate Schedule.

RTO ADJUSTMENT FACTOR

The Rate Schedules identified in Appendix A are subject to an RTO Factor. The RTO Factors in Appendix C are applicable hereto and are issued and effective at the dates shown on Appendix C.

The RTO Factors as computed above shall be further modified to allow for the recovery of the RTO revenue requirement reconciled with actual sales and revenues. The RTO Factors per kWh charge for each Rate Schedule are shown on Appendix C.

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RIDER 874
ADJUSTMENT OF CHARGES FOR RESOURCE ADEQUACY

Sheet No. 1 of 1

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

ADJUSTMENT OF CHARGES FOR RESOURCE ADEQUACY FACTOR

Energy Charges in the Rate Schedules are subject to adjustment to reflect the recovery of the cost of Capacity Purchases. Such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh in accordance with the following:

$$\text{RA Factor} = (C \times \text{Pd}) / S$$

Where:

- “RA” is the rate adjustment for each Rate Schedule.
- “C” equals the total Capacity Purchases and Sales.
- “Pd” represents the Production Demand Allocation percentage for each Rate Schedule.
- “S” is the 6-month kWh sales forecast for each Rate Schedule.

RA ADJUSTMENT FACTOR

The Rate Schedules identified in Appendix A are subject to an RA Factor. The RA Factors stated in Appendix F are applicable hereto and are issued and effective at the dates shown on Appendix F.

The RA Factors as computed above shall be further modified to allow for the recovery of the RA revenue requirement reconciled with actual sales and revenues. The RA Factors per kWh charge for each Rate Schedule are shown on Appendix F.

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RIDER 876
BACK-UP AND MAINTENANCE INDUSTRIAL SERVICE RIDER

Sheet No. 1 of 4

TO WHOM AVAILABLE

As shown on Appendix A, this Rider is available to Customers taking service under Rate 831 who desire to take service subject to Curtailments from the Company for Back-up or Maintenance purposes. Nothing in this Rider excuses the Customer from its Rate 831 Tier 2 and Tier 3 Curtailment obligations or the penalties associated with failing to meet those obligations. Back-up and Maintenance Services under this Rider shall be subject to Curtailments when Curtailment under Rate 831 are insufficient. Service under this Rider is subject to the conditions set forth in this Rider and the Company Rules. Energy under this Rider shall be subject to other Riders as identified on Appendix A. A Customer taking service under this Rider shall operate its Cogeneration System to meet its demand in excess of the sum of its Rate 831 Tier 1, Tier 2 and Tier 3 Contract Demands except when its Cogeneration System is experiencing a forced outage or derate, or when the Customer is taking confirmed Maintenance Service under this Rider.

CHARACTER OF SERVICE

Subject to the provisions applicable to Back-up or Maintenance Service under this Rider, Customer shall request in writing, which can be via electronic mail, an amount of capacity and the duration of said capacity shall be needed. The Company shall by written notice, which can be via electronic mail, confirm the amount of capacity it is willing to accept as load on its system and the duration of said capacity shall be available to the Customer.

Under no circumstance will the Company provide services under this Rider greater than the hourly integrated load as measured by the Company's meters. Under no circumstances will the Company provide services under this Rider for Energy being sold in the wholesale market or through any other bilateral arrangement.

As an alternative to Back-Up and Maintenance Service under this Rider, a Customer can elect to instead cover the risk associated with derates and outages of its Cogeneration System without risk of Curtailment by utilizing Rate 831 Tier 2 or Tier 3 service and procuring capacity through the MISO Planning Resource Auction (PRA) or via a third party subject to Rate 831.

Back-up Service

Subject to the requirements of Back-up Service in this Rider, the amount confirmed by Company shall be deemed firm load, subject to Curtailments. Confirmation of a Customer request for Back-up Service under this Rider shall not be withheld by the Company provided the request for Back-up Service is made in full conformance with the terms and conditions for Back-up Service under this Rider.

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Back-up Service (Continued)

A Customer with verified electric generation capable of meeting the efficiency standards established for a Cogeneration System may request (including on a pre-qualifying basis) Back-up Service that may only be available for up to forty-five (45) calendar days per Cogeneration System per twelve (12) rolling months. Eligibility for Back-Up Service requires a contract between the Customer and the Company that includes information on the Cogeneration System(s). Customer shall provide initial notice of request of Back-up Service within 60 minutes of event, including (i) information reasonably verifying such event, (ii) expected outage schedule, and (iii) daily notice to Company thereafter during and throughout the conclusion of an event.

Maintenance Service

Subject to the requirements of Maintenance Service in this Rider, the amount confirmed by Company shall be deemed firm load, subject to Curtailments.

RATE

Back-up Service

Demand Charge

The Demand Charge shall be the applicable Rate 831 Tier 1 Demand Charge, divided by the number of calendar days within the applicable calendar month, per kW per day.

Energy Charge

All kWhs used for Back-up Service shall be subject to an Energy Charge equal to NIPS.NIPS Real-Time LMP plus Rate 831 Transmission Charge of \$0.009155 per kWh for all Energy for Back-Up Service shall be billed on an hourly basis and considered first through the meter.

All Energy for Back-up Service shall be considered first through the meter and billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the confirmed Back-up Service capacity, or (ii) the total energy consumed by the Customer under this Rider and Rate 831, as applicable, during the period in which Back-up Service capacity was taken by the Customer.

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BACK-UP AND MAINTENANCE INDUSTRIAL SERVICE RIDER

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Maintenance Service

For Customers (i) requesting service in writing at least twenty (20) days in advance of the need for Maintenance Service, (ii) requesting service for days not including June, July, August and September, and (iii) maintaining such requested daily schedule without material change, the following charges shall apply for up to a maximum of sixty (60) calendar days in any twelve (12) month rolling period:

Demand Charge

For Customers requesting service for January, May and/or December, the Demand Charge shall be \$0.48 per kW per day.

For Customers requesting service for February, March, April, October and/or November, the Demand Charge shall be \$0.28 per kW per day.

Energy Charge

The Energy Charge for all maintenance kWhs for Rate 831 Customers shall be the Energy and base fuel Charge in Rate 831 Tier 1 plus the Transmission Charge in Rate 831. All Energy for Maintenance Service shall be billed on an hourly basis and considered first through the meter.

To the extent Customer seeks to recall the amount of Maintenance Service confirmed by Company, Customer shall provide at least forty-eight (48) hours prior notice. In such instance, Company shall confirm to Customer the amount recalled within twenty-four (24) hours of notice of recall and such recalled amounts shall not contribute towards the maximum days permitted under this Rider.

DETERMINATION OF BILLING DEMAND

The Billing Demand for the day for Maintenance Service for Rate 831 Customers shall be the confirmed amount of Maintenance Service.

The Billing Demand for the day for Back-up Service shall be the confirmed amount of Back-up Service.

To the extent the Company has confirmed a recall of Maintenance Service under the provisions of this Rider, Customer shall not be charged for the amount recalled.

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BACK-UP AND MAINTENANCE INDUSTRIAL SERVICE RIDER

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GENERAL TERMS AND CONDITIONS OF SERVICE

1. Contract For Back-Up Service

Any Customer requesting Back-Up Service under this Rider shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month-to-month thereafter unless cancelled by either party giving to the other party sixty (60) days prior written notice of the termination of such contract at the end of the initial period or at the end of any calendar month thereafter.

Notwithstanding the foregoing, contracts under this Rider shall terminate in accordance with Rule 5.8 of the Company Rules.

2. Default Schedule

Notwithstanding the foregoing conditions of service under this Rider, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

CUSTOMER'S FAILURE TO COMPLY WITH REQUESTED CURTAILMENT

A Customer is deemed to have failed to comply with a Curtailment when the Customer's current integrated Demand, as measured by the meters installed by the Company (netted across aggregated Customer Premises, if applicable) at the time of a Curtailment of service, has not decreased to a level of the Customer's specified Firm Contract Demand as defined in Rate 831 Tier 1 or the sum of firm Contract Demand under Rate 831 Tier 1 plus any procured capacity under Rate 831 Tier 2 and Tier 3.

If a Customer fails to comply with a Curtailment, the Customer shall be liable for any charges and/or penalties from any governmental agency(ies) having jurisdiction or duly applicable organization including MISO, FERC, NERC and ReliabilityFirst for failure to comply with a Curtailment to the extent such penalties are specifically invoked on the Company due to the failure of the Customer to comply with the Curtailment.

RULES AND REGULATIONS

Service hereunder shall be subject to the Company Rules, IURC Rules, and MISO Rules.

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RIDER 877
ECONOMIC DEVELOPMENT RIDER

Sheet No. 1 of 3

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

To encourage sustained economic development in the Company's service area, this Rider is available to Industrial and Commercial Customers requesting service from the Company for new or increased service requirements that result in increased employment opportunities, which are new to the State of Indiana. Customers' plants must be located adjacent to existing electric facilities having capacity sufficient to meet the Customer's requirements. Applicant(s) must demonstrate that, absent the availability of this Rider, this new service requirement and any related employment opportunities would be located outside the Company's electric service territory. Increased service requirements which displace or duplicate existing load in the Company's service territory or are brought about by the shutdown of Cogeneration Systems will not qualify under this Rider. Service under this Rider is subject to the conditions set forth in this Rider and the Company Rules.

For Customers that were taking service from the Company under Economic Development Rider 777 prior to the effective date of this Rider 877, service under this Rider 877 shall terminate upon the expiration of the existing Rider 777 contract between the Customer and the Company. For any existing Rider 777 contract, it shall apply to the Customer's new Rate Schedule.

For new contracts under this Rider 877, service shall commence upon the effective date of a contract between the Company and the Customer providing for service under the appropriate Rate Schedule between the Customer and the Company and shall terminate in accordance with the contract term, which shall not extend longer than three (3) years.

CONTRACT

Service under this Rider requires a contract between the Customer and the Company. The contract shall set forth monthly base period kW and kWhs, which shall be deemed those actually used during the immediately preceding twelve (12) months. If new or increased Company facilities are required, the Customer shall be responsible for same in compliance with the Company Rules in effect at the time of the contract execution.

RATE

For qualifying existing Customers with electric service supplied by the Company, other than that accounted for in a completed contract under the terms and conditions of this Economic Development Rider (where applicable), the existing Energy and Demand requirements shall be deemed the Customer's base load and will be billed on the appropriate Rate Schedule or Rider. For the Energy and Demand requirements of qualifying new Customers, and for the non-base load service requirements of existing Customers, a discount on monthly billings for all applicable purchases shall be applied in accordance with the following criteria for Bills issued during the respective months starting from contract commencement date:

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ECONOMIC DEVELOPMENT RIDER

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RATE (Continued)

Application of the Reduction to New or Increased Load

Year 1 Contract	Up to 50% of the increased base rate charges
Year 2 Contract	Up to 40% of the increased base rate charges
Year 3 Contract	Up to 30% of the increased base rate charges

As an alternative to the above discount tiers and at the Company's sole discretion, the Company may elect to offer up to forty percent (40%) per year over the three (3) Contract Years.

In no event, however, shall the incremental revenues derived from the discounted base rate charges, as stated above for serving the new or increased load, be allowed by the Company to be less than the Company's marginal Energy costs, plus the marginal capacity costs, to serve said load or the monthly Minimum Charge provisions of the applicable Rate Schedule.

At the completion of the Rider contract term, the Energy supplied in accordance with this Rider will be furnished under the appropriate Rate Schedule in accordance with the contract between the Company and the Customer.

The size and duration of discounts on monthly bills will be determined on an individual Customer basis given the degree of fulfillment of the following criteria. The determination of monthly discounts to be applied will be at the sole discretion of the Company, but such discounts will vary with the number and extent to which the listed criteria are met by Customer's proposed new or increased load. The Company will monitor the awarding of all contracts to insure the fulfillment by the Customer of all terms and conditions of the contract associated with the award. Nonfulfillment of contract terms and conditions is grounds for reopening and reevaluation of all contract terms and conditions. Confidentiality shall be maintained regarding the terms and conditions of any completed contract as well as all Customer negotiations, successful or otherwise.

ELIGIBILITY THRESHOLDS

Unless otherwise noted, the criteria listed below will be used in determining the eligibility for the awarding of incentives under the terms and conditions of this Rider. Flexibility in the use of these criteria is at the sole discretion of the Company.

1. Full-time equivalent job creation per project: minimum ten (10).
2. New electrical Demand: minimum 100 kW.
3. Customer documentation/certification to be provided noting "Customer is considering other specific electric service territories as alternate locations for their planned new facility or expansion."

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ECONOMIC DEVELOPMENT RIDER

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QUALIFYING CRITERIA

Incentives awarded under the terms and conditions of this Rider to qualifying Customers as determined by the Company using the guidelines listed above in Eligibility. Thresholds shall be dependent upon the number and degree of fulfillment attained of the criteria below. The Company shall have the final determination of all incentives based on the determination of issues deemed most beneficial to all stakeholders.

Economic and/or Environmental Distress

- a. Brown field site development. For purposes of this Rider, a brownfield shall be areas of the Company's territory where existing Transmission and Distribution facilities are not at capacity and limited new facilities would be required for new business.
- b. Above-county-average wage to be paid by prospect.
- c. Other Indiana guidelines.
- d. Any federal, state or local incentives and the degree thereof.

Power Use Characteristics

- a. High-efficiency, end-use equipment and construction technologies.
- b. "Clean Power" usage considerations.
- c. High load-factor operations

Site Specific Discounts

- a. Community master plan compliance.
- b. Industrial park location where municipal utilities, zoning and streets already exist.
- c. Utilization of existing industrial sites.
- d. Proximity to existing Company facilities.
- e. Loading of existing Company facilities.

Number of Jobs Created

Full-time equivalent job creation per project.

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RIDER 878
PURCHASES FROM COGENERATION FACILITIES
AND SMALL POWER PRODUCTION FACILITIES

Sheet No. 1 of 4

TO WHOM AVAILABLE

As shown on Appendix A, this Rider is available to Cogeneration Facilities and/or Small Power Production Facilities which qualify under the IURC Rules (170 IAC 4-4.1-1 *et seq.*), as well as to Private Generation Projects as defined in Ind. Code § 8-1-2.4-2(g) (herein "Qualifying Facility"). A contract shall be required between the Company and each Qualifying Facility, setting forth all terms and conditions governing the purchase of electric power from the Qualifying Facility. The Qualifying Facility must be located adjacent to existing Company electric facilities having capacity sufficient to meet the Customer's requirements. Service under this Rider is subject to the conditions set forth in this Rider and the Company Rules.

INTERCONNECTION STANDARDS

The Qualifying Facility shall comply with the interconnection standards as defined in Rider 879 Interconnection Standards Rider.

PURCHASE RATES

Company will purchase Energy from the Qualifying Facility of Customer in accordance with the conditions and limitations of this Rider and the applicable contract at the following rate:

Rate for Purchase of Energy	<u>Current Rate per kWh</u>
Summer Period (May - Sept.)	
On-Peak Hours ⁽¹⁾	\$0.03483
Off-Peak Hours ⁽²⁾⁽⁵⁾	\$0.02303
Winter Period (Oct. - Apr.)	
On-Peak Hours ⁽³⁾	\$0.03434
Off-Peak Hours ⁽⁴⁾⁽⁵⁾	\$0.02772

(1) Monday through Saturday 8 a.m. C.S.T. to 11 p.m. C.S.T.

(2) Monday through Saturday 11 p.m. C.S.T. to midnight C.S.T. and midnight C.S.T. to 8 a.m. C.S.T. and all day Sunday.

(3) Monday through Friday 8 a.m. C.S.T. to 11 p.m. C.S.T.

(4) Monday through Friday 11 p.m. C.S.T. to midnight C.S.T. and midnight C.S.T. to 8 a.m. C.S.T. and all day Saturday and Sunday.

(5) The twenty-four (24) hours of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day will be included in the Off-Peak Hours.

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PURCHASE RATES (Continued)

For those Qualifying Facilities for whom metering not capable of recognizing different rating periods is installed:

	<u>Current Rate per kWh</u>
Summer Period	\$0.02920
Winter Period	\$0.03061

Energy metered during any month more than half of which is in any month of May to September, inclusive, shall be calculated under the Summer Period rates listed above. Energy credited during other periods of the year shall be calculated under the Winter Period rates listed above.

Rate for Purchase of Capacity Component

The Company will purchase capacity supplied from the Qualifying Facility of Customer in accordance with the conditions and limitations of this Rider and the applicable contract at the following rate:

\$ per kW per month of contracted capacity \$8.86 per kW per month.

The contracted capacity shall be the amount of capacity expressed in terms of kW's that Customer guarantees the Qualifying Facility will supply to Company as provided in the contract for such service.

The monthly capacity component shall be adjusted by the following factor:

$$F = \frac{E_p}{K(T_p)}$$

Where:

- F = Capacity component adjustment factor.
E_p = kWhs delivered to the Company during the On-Peak Hours defined as:
 Summer Period - Monday through Saturday 8 a.m. C.S.T. to 11 p.m. C.S.T.
 Winter Period - Monday through Friday 8 a.m. C.S.T. to 11 p.m. C.S.T.
 The twenty-four (24) hours of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day will not be included in the On-Peak Hours.
K = kW's of capacity the Qualifying Facility contracts to provide.
T_p = Number of On-Peak Hours.

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PURCHASE RATES (Continued)

The kW capacity available and the kWhs in the On-Peak Hours shall be determined by a suitable recording type instrument acceptable to the Company.

For intended purchases of 72,000 kWhs or more per month from a Qualifying Facility, the Company and the Qualifying Facility may agree to increase or decrease the rate for Energy purchase in recognition of the following factors:

1. The extent to which scheduled outages of the Qualifying Facility can be usefully coordinated with scheduled outages of the Company's generation facilities; or
2. The relationship of the availability of Energy from the Qualifying Facility to the ability of the Company to avoid costs, particularly as is evidenced by the Company's ability to dispatch the Qualifying Facility; or
3. The usefulness of Energy from the Qualifying Facility during system emergencies, including the ability of the Qualifying Facility to separate its load from its generation.

The Company and Qualifying Facility may negotiate a rate for Energy or capacity purchase which differs from this filed rate.

DETERMINATION OF AMOUNT OF ENERGY PURCHASED

To properly record the number of kWhs, and where applicable, kW of purchases, the Company and the Qualifying Facility should mutually agree on the metering configuration to be utilized in accordance with 170 IAC 4-4.1 Section 7 (b). The metering facilities shall be installed and will be owned by the Company, and the Qualifying Facility will be required to reimburse the Company for the installed cost of said metering equipment. The Company need not make purchases during the time of a system emergency.

GENERAL TERMS AND CONDITIONS FOR PURCHASE

Contract

Any cogenerator or small power producer requesting service under this Rider shall enter into a written contract for an initial period of not less than one (1) Contract Year.

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Curtailing Purchase

The Company reserves the right to Curtail the purchase at any time when necessary to make emergency repairs. For the purpose of making other than emergency repairs, the Company reserves the right to disconnect the Qualifying Facility's electric system for four (4) consecutive hours on any Sunday, or such other day or days as may be agreed to by the Qualifying Facility and the Company, provided forty-eight (48) hours' notification previous to the hour of cut-off is given the Qualifying Facility of such intention.

Additional Load

The Qualifying Facility shall notify the Company in writing of any substantial additions to or alterations in the equipment supplying electric Energy to the Company and such additions or alterations shall not be connected to the system until such notice shall have been given by the Qualifying Facility and received by the Company.

Discontinuance of Purchase

The Company shall have the right to cut off and discontinue the purchase of electric Energy and remove its metering equipment and other property when there is a violation by the Qualifying Facility of any of the terms or conditions of the contract or this Rider.

Back-up and Maintenance Power

Back-up and maintenance power is electrical Energy and capacity provided by the Company to a Qualified Facility to replace Energy, ordinarily generated by the Qualifying Facility, during a scheduled or unscheduled outage of the Qualifying Facility. Any back-up and maintenance power taken by the Qualified Facility will be billed under the appropriate Rate Schedule.

GENERAL TERMS AND CONDITIONS OF SERVICE - CONTRACT

Any Qualified Facility requesting service under this Rider shall enter into a written contract for an initial period of not less than three (3) Contract Years.

In such contract it shall be proper to include such provisions, if any, as may be agreed upon between the Company and the Qualified Facility with respect to special terms and conditions under which service is to be furnished hereunder, including but not limited to, amount of Contract Demand, voltage to be supplied, and facilities to be provided by each party in accordance with the Company Rules.

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TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

In accordance with 170 IAC 4-4.3 of the IURC Rules, as the same may be revised from time to time by the Commission, applicable to Customer-generator Interconnection Standards ("IURC Rule 4.3"), eligible Customers may operate and interconnect generation equipment to the Company's electric system after meeting the requirements of IURC Rule 4.3, this Rider and other provisions of the Company's Tariff and the approval process as defined.

DEFINITIONS

A Customer shall initiate the approval process by submitting the appropriate application (see Interconnection Agreements below) and fees based on the size and type of the generating unit as defined by the following:

- Level 1: Inverter-based Customer-generator facilities with a name plate rating of 10kW or less which meet certification requirements of Section 5 of IURC Rule 4.3.
- Level 2: Customer-based generator facilities with a name plate rating for 2 MW or less which meet the certification requirements of Section 5 of IURC Rule 4.3.
- Level 3: Customer-based generator facilities which do not qualify for either Level 1 or Level 2.

RATE

The interconnection review fees shall be as follows:

- Level 1: There is no charge.
- Level 2: The charge for a Level 2 interconnection review is fifty dollars (\$50) plus one dollar (\$1) per kW of the Customer-generator facility's name plate capacity.
- Level 3: The charge for a Level 3 review is one hundred dollars (\$100) plus two dollars (\$2) per kW of the Customer-generator facility's name plate capacity, as well as one hundred dollars (\$100) per hour for engineering work performed as part of any impact or facilities study. The cost of additional facilities in order to accommodate the interconnection of the Customer-generator facility shall be the responsibility of the Applicant.

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PROCEDURES

The interconnection review procedures are prescribed by the following sections of IURC Rule 4.3:

Level 1: Section 6

Level 2: Section 7

Level 3: Section 8

Before the Company may allow interconnection with an eligible Customer's facility, the Customer shall be required to enter into an Interconnection Agreement with the Company applicable to the facility.

The above referenced agreements and associated applications are included herein, as follows:

1. Application For Interconnection – Level 1, Certified Inverter Based Generation Equipment of 10 kW or Smaller
2. Application For Interconnection – Level 2 or Level 3
3. Interconnection Agreement For Interconnection and Parallel Operation of Certified Inverter-Based Equipment 10 kW or Smaller
4. Interconnection Agreement for Level 2 or Level 3 Facilities,
5. Set forth in in Exhibit A to the Interconnection Agreement

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Application For Interconnection

Level 1 - Certified* Inverter-Based Generation Equipment**
10kW or Smaller

Customer Name: _____

Customer Address: _____

Home/Business Phone No.: _____ Daytime Phone No.: _____

Email Address (Optional): _____

Type of Facility:

Solar Photovoltaic Wind Turbine Other (specify) _____

Inverter Power Rating: _____ Quantity: _____ Total Rated "AC" Output: _____

Inverter Manufacturer and Model Number: _____

Name of Contractor/Installer: _____

Address: _____

Phone No.: _____ Email Address (Optional): _____

Attach documentation confirming that a nationally recognized testing and certification laboratory has listed the equipment.

Attach a single line diagram or sketch one below that includes all electrical equipment from the point where service is taken from Northern Indiana Public Service Company to the inverter which includes the main panel, sub-panels, breaker sizes, fuse sizes, transformers, and disconnect switches (which may need to be located outside and accessible by utility personnel).

Mail to: NIPSCO, Attn: New Business Department, 801 E. 86th Avenue, Merrillville, IN 46410

* Certified as defined in 170 Indiana Administrative Code 4-4.3-5.
** Level 1 as defined in 170 Indiana Administrative Code 4-4.3-4(a).

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Application For Interconnection
Level 2 or Level 3****

Customer Name: _____
Customer Address: _____
Project Contact Person: _____
Phone No.: _____ Email Address (Optional): _____

Provide names and contact information for other contractors and engineering firms involved in the design and installation of the generation facilities:

Total Generating Capacity of Customer-Generator Facility: _____

Type of Generator: Inverter-Based Synchronous Induction

Power Source: Solar Wind Diesel-fueled Reciprocating Engine
 Gas-Fueled Reciprocating Engine Gas Turbine Microturbine
 Other (Specify) _____

Is the Equipment "Certified" as defined by 170 Indiana Administrative Code ("IAC") 4-4.3-5
 Yes No

Indicate all possible operating modes for this generator facility:

- Emergency / Standby – Operated when Northern Indiana Public Service Company ("NIPSCO") service is not available. Paralleling is for short durations.
- Peak Shaving – Operated during peak Demand periods. Paralleling is for extended times.
- Base Load Power – Operated continuously at a pre-determined output. Paralleling is continuous.
- Cogeneration – Operated primarily to produce thermal Energy. Paralleling is extended or continuous.
- Renewable non-dispatched – Operated in response to an available renewable resource such as solar or wind. Paralleling is for extended times.
- Other – Describe: _____

Will the Customer-Generator Facility export power? Yes No If yes, how much? _____

Level of Interconnection Review Requested:

- Level 2**
- Level 3**

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Application For Interconnection
Level 2 or Level 3**** (continued)

FEES

For this application to be considered complete, adequate documentation and information must be submitted that will allow NIPSCO to determine the impact of the generation facilities on NIPSCO's electric system and to confirm compliance by Customer with the provisions of 170 IAC 4-4.3 and other applicable requirements. Typically this should include the following:

1. Single-line diagram of the Customer's system showing all electrical equipment from the generator to the point of interconnection with NIPSCO's distribution system, including generators, transformers, switchgear, switches, breakers, fuses, voltage transformers, and current transformers.
2. Control drawings for relays and breakers.
3. Site Plans showing the physical location of major equipment.
4. Relevant ratings of equipment. Transformer information should include capacity ratings, voltage ratings, winding arrangements, and impedance.
5. If protective relays are used, settings applicable to the interconnection protection. If programmable relays are used, a description of how the relay is programmed to operate as applicable to interconnection protection.
6. For Certified* equipment, documentation confirming that a nationally recognized testing and certification laboratory has listed the equipment.
7. A description of how the generator system will be operated including all modes of operation.

For inverters, the manufacturer name, model number, and AC power rating, Operating manual or link to manufacture's web site containing such manual.

8. For synchronous generators, manufacturer and model number, nameplate ratings, and impedance data (X_d , X'_d , & X''_d).
9. For induction generators, manufacturer and model number, nameplate ratings, and locked rotor current.

This application is subject to further consideration and study by NIPSCO and the possible need for additional documentation and information from Customer.

Mail to:
NIPSCO

Attn: New Business Department, 801 E. 86th Avenue, Merrillville, IN 46410

** Level 2 and Level 3 as defined in 170 Indiana Administrative Code 4-4.3-4(a).

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INTERCONNECTION AGREEMENT
FOR INTERCONNECTION AND PARALLEL OPERATION
OF CERTIFIED INVERTER-BASED EQUIPMENT 10 kW OR SMALLER

THIS INTERCONNECTION AGREEMENT (“Agreement”) is made and entered into this _____ day of _____, 2___, by and between Northern Indiana Public Service Company (“Company”), and _____, located at _____ (“Customer”).

WITNESSETH:

WHEREAS, Customer is installing, or has installed, inverter-based Customer-generator facilities and associated equipment (“Generation Facilities”) to interconnect and operate in parallel with Company’s electric distribution system, which Generation Facilities are more fully described as follows:

Location: _____

Type of facility: Solar Wind Other _____

Inverter Power Rating: _____ (Must have individual inverter name plate capacity of 10kW or less.)

Inverter Manufacturer and Model Number: _____

Description of electrical installation of the Generation Facilities, including any field adjustable voltage and frequency settings:

- As shown on a single line diagram attached hereto as “Exhibit A” and incorporated herein by this reference; or
- Described as follows:

_____.

NOW THEREFORE, in consideration thereof, Customer represents and agrees that the Generation Facilities are, or will be prior to operation, certified as complying with:

- (i) The requirements of the Institute of Electrical and Electronics Engineers (“IEEE”) Standard 1547-2003, “Standard for Interconnecting Distributed Resources with Electric Power Systems”, as amended and supplemented as of the date of this Agreement, which standard is incorporated herein by this reference (“IEEE Standard 1547-2003”); or
- (ii) The requirements of the Underwriters Laboratories (“UL”) Standard 1741 concerning Inverters, Converters and Controllers for Use in Independent Power Systems, as amended and supplemented as of the date of this Agreement, which standard is incorporated herein by this reference.

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Dispute Resolution. In the event of a dispute between the Parties arising out of or relating to this Agreement, the Parties shall agree to seek informal dispute resolution or settlement prior to the institution of any other dispute resolution process. Should the informal dispute resolution process described herein be unsuccessful, the Parties agree that no written or oral representations made during the course of the attempted dispute resolution shall constitute a Party admission or waiver and that each Party may pursue any other legal or equitable remedy it may have available to it. The Parties agree that the existence of any dispute or the institution of any dispute resolution process (either formal or informal) shall not delay the performance of each Party's undisputed responsibilities under this Agreement.

Customer further represents and agrees that:

- (i) The Generation Facilities are, or will be prior to operation, designed and installed to meet all applicable requirements of IEEE Standard 1547-2003, the National Electrical Code and local building codes, all as in effect on the date of this Agreement;
- (ii) The voltage and frequency settings for the Generation Facilities are fixed or, if field adjustable, are as stated above; and
- (iii) If requested by Company, Customer will install and maintain, at Customer's expense, a disconnect switch located outside and accessible by Company personnel.

Customer agrees to maintain reasonable amounts of insurance coverage against risks related to the Generation Facilities for which there is a reasonable likelihood of occurrence, as required by the provisions of 170 Indiana Administrative Code ("IAC") 4-4.3-10, as the same may be revised from time to time by the Commission ("Commission") and the Company Rules. Prior to execution of this Agreement and from time to time after execution of this Agreement, Customer agrees to provide to Company proof of such insurance upon Company's request.

With respect to the Generation Facilities and their interconnection to Company's electric system, Company and Customer, whichever is applicable, (the "Indemnifying Party") shall indemnify and hold the other harmless from and against all claims, liability, damages and expenses, including attorney's fees, based on any injury to any person, including the loss of life, or damage to any property, including the 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 Indemnifying Party, its employees, agents, representatives, successors or assigns in the construction, ownership, operation or maintenance of the Indemnifying Party's facilities, as required by the provisions 170 IAC 4-4.3-10(b)(2), as the same may be revised from time to time by the Commission and the Company rules.

Company agrees to allow Customer to interconnect and operate the Generation Facilities in parallel with Company's electric system in accordance with the provisions of 170 IAC 4-4.3, as the same may be revised from time to time by the Commission, which provisions are incorporated herein by this reference.

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By this Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the Generation Facilities.

In the event that Customer and Company are unable to agree on matters relating to this Agreement, either Customer or Company may submit a complaint to the Commission in accordance with the Commission's applicable rules.

For purposes of this Agreement, the term "certify" (including variations of that term) has the meaning set forth in 170 IAC 4-4.3-5, as the same may be revised from time to time by the Commission, which provision is incorporated herein by this reference.

Customer's use of the Generation Facilities is subject to the Company Rules and Regulations, as contained in Company's Retail Electric Tariff, as the same may be revised from time to time with the approval of the Commission.

Both Company and this Agreement are subject to the jurisdiction of the Commission. To the extent that Commission approval of this Agreement may be required now or in the future, this Agreement and Company's commitments hereunder are subject to such approval.

IN WITNESS WHEREOF, Customer and Company have executed this Agreement, effective as of the date first above written.

_____ CUSTOMER	
By: _____	By: _____
Printed Name: _____	Printed Name: _____
Title: _____	Title: _____

Mail To:
NIPSCO
Attn: New Business Department
801 E. 86th Avenue
Merrillville, IN 46410

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INTERCONNECTION AGREEMENT
FOR LEVEL 2 OR LEVEL 3 FACILITIES

THIS INTERCONNECTION AGREEMENT (“Agreement”) is made and entered into this ____ day of _____, _____, by and between Northern Indiana Public Service Company (“Company”), and _____ (“Customer”). Company and Customer are hereinafter sometimes referred to individually as “Party” or collectively as “Parties”.

WITNESSETH:

WHEREAS, Customer is installing, or has installed, generation equipment, controls, and protective relays and equipment (“Generation Facilities”) used to interconnect and operate in parallel with Company’s electric system, which Generation Facilities are more fully described in Exhibit A, attached hereto and incorporated herein by this Agreement, and as follows:

Location: _____
Generator Size and Type: _____

NOW, THEREFORE, in consideration thereof, Customer and Company agree as follows:

1. Application. It is understood and agreed that this Agreement applies only to the operation of the Generation Facilities described above and on Exhibit A.
2. Interconnection. Company agrees to allow Customer to interconnect and operate the Generation Facilities in parallel with Company’s electric system in accordance with any operating procedures or other conditions specified in Exhibit A. By this Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the Generation Facilities. The Generation Facilities installed and operated by or for Customer shall comply with, and Customer represents and warrants their compliance with: (a) the National Electrical Code and the National Electrical Safety Code, as each may be revised from time to time; (b) Company Rules as each may be revised from time to time with the approval of the Commission (“Commission”); (c) the rules and regulations of the Commission, including the provisions of 170 Indiana Administrative Code 4-4.3, as such rules and regulations may be revised from time to time by the Commission; and (d) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time.

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Customer shall install, operate, and maintain, at Customer's sole cost and expense, the Generation Facilities in accordance with the manufacturer's suggested practices for safe, efficient and reliable operation of the Generation Facilities in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the Generation Facilities. Customer shall be responsible for protecting, at Customer's sole cost and expense, the Generation Facilities from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges.

Customer agrees that, without the prior written permission from Company, no changes shall be made to the configuration of the Generation Facilities, as that configuration is described in Exhibit A, and no relay or other control or protection settings specified in Exhibit A shall be set, reset, adjusted or tampered with, except to the extent necessary to verify that the Generation Facilities comply with Company approved settings.

3. Operation by Customer. Customer shall operate the Generation Facilities in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the Generation Facilities are being operated in parallel with Company's electric system, Customer shall so operate the Generation Facilities in such a manner that no disturbance will be produced thereby to the service rendered by Company to any of its other Customers or to any electric system interconnected with Company's electric system. Customer understands and agrees that the interconnection and operation of the Generation Facilities pursuant to this Agreement is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its Customers.

Customer's control equipment for the Generation Facilities shall immediately, completely, and automatically disconnect and isolate the Generation Facilities from Company's electric system in the event of a fault on Company's electric system, a fault on Customer's electric system, or loss of a source or sources on Company's electric system. The automatic disconnecting device included in such control equipment shall not be capable of reclosing until after service is restored on Company's electric system. Additionally, if the fault is on Customer's electric system, such automatic disconnecting device shall not be reclosed until after the fault is isolated from Customer's electric system. Upon Company's request, Customer shall promptly notify Company whenever such automatic disconnecting devices operate.

Customer shall coordinate the location of any disconnect switch required by Company to be installed and maintained by Customer.

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4. Access by Company. Upon reasonable advance notice to Customer, Company shall have access at reasonable times to the Generation Facilities whether before, during or after the time the Generation Facilities first produce Energy, to perform reasonable on-site inspections to verify that the installation and operation of the Generation Facilities comply with the requirements of this Agreement and to verify the proper installation and continuing safe operation of the Generation Facilities. Company shall also have at all times immediate access to breakers or any other equipment that will isolate the Generation Facilities from Company's electric system. The cost of such inspection(s) shall be at Company's expense; however, Company shall not be responsible for any other cost Customer may incur as a result of such inspection(s).

The Company shall have the right and authority to isolate the Generation Facilities at Company's sole discretion if Company believes that:

- (a) continued interconnection and parallel operation of the Generation Facilities with Company's electric system creates or contributes (or will create or contribute) to a system emergency on either Company's or Customer's electric system;
 - (b) the Generation Facilities are not in compliance with the requirements of this Agreement, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or
 - (c) the Generation Facilities interfere with the operation of Company's electric system. In non-emergency situations, Company shall give Customer reasonable notice prior to isolating the Generating Facilities.
5. Rates and Other Charges. This Agreement does not constitute an agreement by Company to purchase or wheel power produced by the Generation Facilities, or to furnish any backup, supplemental or other power or services associated with the Generation Facilities, and this Agreement does not address any charges for excess facilities that may be installed by Company in connection with interconnection of the Generation Facilities. It is understood that if Customer desires an agreement whereby Company wheels power, or purchases Energy and/or capacity, produced by the Generation Facilities, or furnishes any backup, supplemental or other power or services associated with the Generation Facilities, then Company and Customer may enter into another mutually acceptable separate agreement detailing the charges, terms and conditions of such purchase or wheeling, or such backup, supplemental or other power or services. It is also understood that if any such excess facilities are required, including any additional metering equipment, as determined by Company, in order for the Generation Facilities to interconnect with and operate in parallel with Company's electric system, then such excess facilities be detailed in Exhibit B of this Agreement including the facilities to be added by the Company to facilitate the interconnection of the Customer's Generation Facilities and the costs of such excess facilities shall be paid by the Customer to the Company.

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6. General Insurance Requirements. Customer shall procure at its sole cost and expense and maintain in effect during all periods of parallel operation of the Generation Facilities with Company's electric system and for a period of two years thereafter, the following insurance coverages, which insurance shall be placed with insurance companies rated A minus VII or better by Best's Key Rating Guide or equivalent and approved by Company. Customer shall be licensed to do business in the state where the services are to be performed. Such insurance companies shall be authorized to do business in the jurisdiction in which the Project is located. Company reserves the right to require Customer to provide and maintain additional coverages based upon the Services, Work, or exposure:
- (a) Commercial General Liability insurance including product liability and completed operations coverage with limits of not less than \$1,000,000 per occurrence and in the aggregate.
 - (b) Business Auto Coverage with a \$1,000,000 each accident limit and shall be in Customer's name and shall include owned, non-owned, leased and hired vehicle coverage.
 - (c) Excess or Umbrella Liability Insurance with a combined single limit of not less than \$2,000,000 per occurrence. These limits apply in excess of the insurance coverages required for specific Projects.
 - (d) Before any interconnection with Company's electric system, Customer must furnish properly executed certificates of insurance and endorsements naming Company as an Additional Insured under the Commercial General Liability, Business Auto, and Umbrella/Excess policies. Additional Insured means, naming Company as an insured under the liability coverages with respect to the Services under the Agreement and providing that such insurance is primary and non-contributory to any liability insurances covered by Company.
 - (e) Customer shall directly provide to Company (30) days prior to such notices of non-renewal and/or cancellation and/or reduction in limits or material change in any of the required coverages.
 - (f) Failure to Pay Premiums. If Customer's insurance is canceled because Customer failed to pay its premiums or any part thereof, or if Customer fails to provide and maintain certificates as set forth herein, Company shall have the right, but shall not be obligated, to pay such premium to the insurance company or to obtain such coverage from other companies and to deduct such payment from any sums that may be due or become due to Customer, or to seek reimbursement for said payments from Customer, which sums shall be due and payable immediately upon receipt by Customer of notice from Company.
 - (g) Customer waives all rights against Company and its agents, officers, directors, and employees for recovery of damages howsoever caused. Whenever Customer shall have Company's property in its possession for Customer's fabrication or otherwise as herein required, Customer shall be deemed the insurer thereof and shall be responsible for such property until its return to and acceptance by Company.

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(h) In the event that Customer elects to perform a portion of the Services through the use of Subcontractors, Customer shall require Subcontractors to comply with the insurance requirements of this Article. Customer shall contractually obligate its Subcontractors to promptly advise Customer of any lapse of the requisite insurance coverages, and Customer shall promptly advise Company of same. Customer assumes all liability for its Subcontractors' failure to comply with the insurance provisions of this Agreement.

(i) Customer shall have seven (7) days from the Notice of Award to provide Company with certificates of insurance required pursuant to this Section. Customer's insurance documents are to be submitted to the address, email or fax below:

NiSource Corporate Services Company
 c/o Supply Chain Services 6th Floor
 200 Civic Center Dr.
 Columbus, OH 43215
 Email: certificatesofinsurance@NiSource.com
 Fax: 614-460-4613

7. Indemnification.

(a) To the fullest extent permitted by law, each party ("Indemnifying Party") agrees to indemnify, defend and hold harmless Company and its parent company, agents, affiliates and employees (collectively, "Indemnitees") from and against all claims, damages, losses, fines, penalties and expenses, including attorneys' fees, including loss of life or property or use thereof, related in any way to any act or omission of the Indemnifying Party (in the construction, ownership, operation or maintenance of its respective system used in connection with the Agreement (collectively, "Claims").

(b) Indemnifying Party shall have the obligation to defend all indemnification Claims in the name and stead of Indemnitees and in its own name, and to select counsel of its choice to represent itself and Indemnitees together or alone, whichever the case may be; provided that Customer shall not settle such Claim or cause of action prior to obtaining the written consent of the Indemnitees; and provided further that if there is an actual or potential conflict of interest between Indemnitees and Customer with respect to any such Claim, such that counsel selected by Customer cannot represent both the Indemnitees and Customer without waivers of such conflict, then Customer shall pay the reasonable costs and expenses of the Indemnitees' separate legal representation, in addition to the cost of counsel selected by Customer. Indemnitees shall have the right (but not the obligation) to defend any Claim for which they are indemnified by Customer or Subcontractor hereunder and, in the event Indemnitees elect to exercise such right to defend themselves, shall be entitled to select counsel of their choice to conduct such defense. If Indemnitees are required to bring an action to enforce its rights pursuant to this section, then Indemnitees shall be entitled to reimbursement of all expenses, include all attorney's fees incurred in connection with such action.

(c) Customer's obligations under this Article shall survive any termination of the Agreement.

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8. Effective Term and Termination Rights. This Agreement shall become effective when executed by both Parties and shall continue in effect until terminated in accordance with the provisions of this Agreement. This Agreement may be terminated for the following reasons:
- (a) Customer may terminate this Agreement at any time by giving Company at least sixty (60) days' prior written notice stating Customer's intent to terminate this Agreement at the expiration of such notice period;
 - (b) Company may terminate this Agreement at any time following Customer's failure to generate Energy from the Generation Facilities in parallel with Company's electric system within twelve (12) months after completion of the interconnection provided for by this Agreement;
 - (c) either Party may terminate this Agreement at any time by giving the other Party at least sixty (60) days' prior written notice that the other Party is in default of any of the material terms and conditions of this Agreement, so long as the notice specifies the basis for termination and there is reasonable opportunity for the Party in default to cure the default; or
 - (d) Company may terminate this Agreement at any time by giving Customer at least sixty (60) days' prior written notice in the event that there is a change in an applicable rule or statute affecting this Agreement.
9. Termination of Any Applicable Existing Agreement. From and after the date when service commences under this Agreement, this Agreement shall supersede any oral and/or written agreement or understanding between Company and Customer concerning the service covered by this Agreement and any such agreement or understanding shall be deemed to be terminated as of the date service commences under this Agreement.
10. Force Majeure. For purposes of this Agreement, the term "Force Majeure" means any cause or event not reasonably within the control of the Party claiming Force Majeure, including, but not limited to, the following: acts of God, strikes, lockouts, or other industrial disturbances; acts of public enemies; orders or permits or the absence of the necessary orders or permits of any kind which have been properly applied for from the government of the United States, the State of Indiana, any political subdivision or municipal subdivision or any of their departments, agencies or officials, or any civil or military authority; unavailability of a fuel or resource used in connection with the generation of electricity; extraordinary delay in transportation; unforeseen soil conditions; equipment, material, supplies, labor or machinery shortages; epidemics; landslides; lightning; earthquakes; fires; hurricanes; tornadoes; storms; floods; washouts; drought; arrest; war; civil disturbances; explosions; breakage or accident to machinery, Transmission Lines, pipes or canals; partial or entire failure of utilities; breach of contract by any supplier, contractor, subcontractor, laborer or materialman; sabotage; injunction;

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blight; famine; blockade; or quarantine. If either Party is rendered wholly or partly unable to perform its obligations under this Agreement because of Force Majeure, both Parties shall be excused from whatever obligations under this Agreement are affected by the Force Majeure (other than the obligation to pay money) and shall not be liable or responsible for any delay in the performance of, or the inability to perform, any such obligations for so long as the Force Majeure continues. The Party suffering an occurrence of Force Majeure shall, as soon as is reasonably possible after such occurrence, give the other Party written notice describing the particulars of the occurrence and shall use commercially reasonable efforts to remedy its inability to perform; provided, however, that the settlement of any strike, walkout, lockout or other labor dispute shall be entirely within the discretion of the Party involved in such labor dispute.

- 11. Dispute Resolution. In the event of a dispute between the Parties arising out of or relating to this Agreement, the Parties shall agree to seek informal dispute resolution or settlement prior to the institution of any other dispute resolution process. Should the informal dispute resolution process described herein be unsuccessful, the Parties agree that no written or oral representations made during the course of the attempted dispute resolution shall constitute a Party admission or waiver and that each Party may pursue any other legal or equitable remedy it may have available to it. The Parties agree that the existence of any dispute or the institution of any dispute resolution process (either formal or informal) shall not delay the performance of each Party's undisputed responsibilities under this Agreement.

- 12. Rules. Customer's use of the Generation Facilities is subject to the Company Rules and Regulations, as contained in Company's Retail Electric Tariff, as the same may be revised from time to time with the approval of the Commission.

IN WITNESS WHEREOF, the Parties have executed this Agreement, effective as of the date first above written.

Northern Indiana Public Service Company

By: _____
(Title) _____

"Customer" _____
By: _____
(Title) _____

Mail To:
NIPSCO
Attn: New Business Department
801 E. 86th Avenue
Merrillville, IN 46410

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EXHIBIT A
Interconnection Agreement – (Customer Name)

Exhibit A should include:

- (i) Single Line Diagram;
- (ii) Relay Settings;
- (iii) Description of Generator and Interconnection Facilities; and
- (iv) Conditions of Parallel Operation.

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TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A to a Customer that installs an eligible net metering facility.

REQUIREMENTS

In accordance with 170 IAC 4-4.2, the IURC Rules applicable to net metering, as the same may be revised from time to time by the Commission, all Customers may operate a solar, wind, hydro, or biomass electrical generating facility ("Facility") and may be considered an eligible net metering Customer if the Customer is in good standing and the Facility:

1. has a total nameplate capacity less than or equal to one MW;
2. is located on the eligible net metering Customer's premises and operated by the Customer;
3. is connected in parallel with the Company's electric Distribution and Transmission system; and
4. is used primarily to offset all or part of the eligible net metering Customer's own electricity requirements

If Customer has a total nameplate capacity in excess of the amount designated as being subject to this Rider, Customer may apply for treatment under the Company's Rate 765, Renewable Feed-In, to the extent available.

The Company may offer net metering to other Customers at the Company's discretion.

An eligible net metering Customer whose account is not more than thirty (30) days in arrears and who does not have any legal orders outstanding pertaining to any account with the Company is qualified as an eligible net metering Customer in good standing.

The aggregate amount of net metering capacity allowable to all eligible Customers under this Rider shall be determined by the sum of each Facility's nameplate capacity treated under this Rider and shall not exceed one and one-half percent (1.5%) of the Company's most recent summer peak load, with forty percent (40%) of such capacity reserved solely for participation by residential customers; and fifteen percent (15%) of such capacity reserved solely for participation by customers that install a net metering facility that uses a renewable energy resource described in Ind. Code § 8-1-37-4(a)(5).

Before the Company will allow interconnection with an eligible net metering Customer's Facility and before net metering service may begin, the Customer will be required to enter into an interconnection agreement applicable to the Facility as set forth in Rider 879 – Interconnection Standards.

The eligible net metering Customer shall install, operate and maintain the Facility in accordance with the manufacturer's suggested practice for safe, efficient and reliable operation interconnected to the Company's electric system.

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BILLING

The Company will determine an eligible net metering Customer's monthly bill as follows:

1. The Company will measure the difference between the amount of electricity delivered by the Company to the eligible net metering Customer and the amount of electricity generated by the eligible net metering Customer and delivered to the Company during the month as defined in 170 IAC 4-5-2 of the IURC Rules, in accordance with the Company's normal metering practices.
2. If the kWhs delivered by the Company to the eligible net metering Customer exceed the kWh delivered by the eligible net metering Customer to the Company during the month as defined in 170 IAC 4-5-2 of the IURC Rules, the eligible net metering Customer will be billed for the kWh difference at the rate applicable to the eligible net metering Customer if it was not an eligible net metering Customer. If the kWh generated by the eligible net metering Customer and delivered to the Company exceeds the kWh supplied by the Company to the eligible net metering Customer during the month as defined in 170 IAC 4-5-2 of the IURC Rules, the eligible net metering Customer shall be credited in the next billing cycle for the kWh difference.
3. When eligible net metering Customer elects to no longer participate in net metering under this Rider, any unused credit shall revert to the Company.

GENERAL TERMS AND CONDITIONS

Any Customer requesting service under this Rate Schedule shall enter into a written contract in the form attached hereto for an initial period of not less than 1 Contract Years, and such contract shall continue from year-to-year thereafter unless terminated by either party giving to the other at least 60 days prior written notice of the termination of such contract. The form of agreement is included herein.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

Customer conformance with these requirements does not convey any liability to the Company for damages or injuries arising from the installation or operation of the generator system.

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NET METERING AGREEMENT

This AGREEMENT, is between Northern Indiana Public Service Company, an Indiana corporation, (Company) and _____ (Customer).

WITNESSETH:

Based on the mutual obligations contained in this Agreement, Customer and Company agree as follows:

I. TERMS AND CONDITIONS

1. This Agreement is effective as of _____ and has an initial term of one year. This Agreement automatically renews for additional one year periods until terminated as provided below. Either party may terminate this Agreement, at any time, by giving the other party at least sixty (60) days prior notice. Company may immediately terminate this Agreement if: (1) there is any regulatory or legislative action that affects the Company's base electric rates, or if the Company were to unbundle its retail electric rates and services; or (2) there is any regulatory legislative action that affects the Company's obligations with respect to the purchase of electricity from suppliers such as Customers.
2. Customer's generating plant is located at: _____
3. For all Electricity that Customer delivers to Company, Company shall measure the difference between the amount of electricity delivered by the utility to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period in accordance with normal billing practices. If the kilowatt hours (kWh) delivered by Company to the Customer exceed the kWh delivered by the Customer, the Customer shall be billed for the kWh difference under the normal billing procedure used for the electrical tariff under which the customer is taking electrical service. If the kWh delivered to the Company by the Customer exceeds the kWh supplied by the Company during the billing period, the Customer shall be credited in the next billing cycle for the kWh difference.
4. Qualifying Standards

For Customer's generated electricity to be eligible for net metering, Customer must satisfy the following standards:

- (a) Customer must be in good standing with the Company, whereby the Customer account may not be more than thirty (30) days in arrears during the terms of the new metering program, who may operate a solar, wind, or hydro electrical generating facility.

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- (b) Customer's net metering facility shall be operated by the Customer and consist of an arrangement of equipment for the production of electricity from the movement of water or wind, or by photoelectric transformation.
 - (c) The Electricity must comply with all applicable rules and regulations imposed by NERC, ECAR, and any FERC-approved Regional Transmission Organization.
 - (d) Customer's generating facility has a total nameplate capacity less than or equal to one (1) megawatt (MW). Nameplate capacity shall be defined to mean the full-load continuous rating of a generator under specified conditions as designated by the manufacturer.
 - (e) Generating facility is used primarily to offset all or part of the Customer's own electricity requirements
5. Net Metering Facility actual information
- (a) Name of the Net Metering Customer _____
 - (b) Location of the Net Metering Facility _____
 - (c) Type of Net Metering Facility (hydro/wind/solar) _____
 - (d) Size and inverter power rating of the Net Metering Facility _____
 - (e) Inverter manufacturer and model number _____
 - (f) A general description of the inverter electrical installation and associated electrical equipment _____

6. This net metering agreement, specifying the interconnection terms and conditions shall be executed by the Company and the Customer before the new metering facility is interconnected to the Company distribution facility.
7. Customer's net metering facility shall comply with Underwriters Laboratories (UL) standard 1741, latest revision.
8. The Customer shall install, operate, and maintain the generation source in accordance with the manufacturer's suggested practices.

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9. 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 to the Company's distribution facility.
10. The Company may isolate the net metering facility if the Company believes continued interconnection creates or contributes to a system emergency. The customer shall install a lockable manual or power operable disconnect switch, or lockable circuit breaker shall be installed between the generation source's NIPSCO's electric system, and be accessible to NIPSCO personnel at all times.
11. The Company may perform reasonable on-site inspections to verify the proper installation and continued safe operation of the new metering facility and interconnections, at reasonable times and upon reasonable advance notice to the Customer.
12. Customer will grant Company access to Customer's property, at all reasonable times, to allow the Company to carry out its duties under this Agreement.
13. Customer will provide Company with ten (10) days' notice of any changes that it intends to make to the Customer Equipment or the Customer's facilities that may affect the Company's Equipment or the Company's system. Whenever Customer becomes aware that it may be violating the above Qualifying Standards, Customer shall promptly contact the Company with whatever information Customer may have and shall confirm such information by formal notice to Company within ten (10) days.
14. Customer shall provide Company proof of liability insurance, as specified below, before net metering billing shall go into effect.

II. INTERCONNECTION AND DELIVERY POINT

1. Interconnection shall mean the physical, parallel connection of a net metering facility with a Company distribution facility.
2. The delivery point for the Electricity will be the first cut off point on the Company's side of the Company Meter (Delivery Point). Customer will transfer title of the Electricity, free and clear of all liens, to the Company at the Delivery Point.

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III. BILLING AND METERING

1. For all Electricity that Customer delivers to Company, Company shall measure the difference between the amount of electricity delivered by the utility to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period, in accordance with normal billing practices. If the kilowatt hours (kWh) delivered by Company to the Customer exceed the kWh delivered by the Customer, the Customer shall be billed for the kWh difference under the normal billing procedure used for the electrical tariff under which the Customer is taking electrical service. If the kWh delivered to the Company by the Customer exceeds the kWh supplied by the Company during the billing period, the Customer shall be credited in the next billing cycle for the kWh difference.
2. If either party can demonstrate that the Company Meter failed to accurately record the Electricity delivered by Customer during any period of time, then the Electricity delivered during that period will be estimated by the Company using what the Company determines is the best evidence available, which may include Customer's meters, if any, or the results from a similar period of operation.
3. All Company owned meters will be kept under seal. The Company will not break the seal without giving the Customer notice. The Customer will be given a reasonable amount of time to have a proper representative present when the seal is broken.
4. Company will seal and inspect the meter and testing by either the Company or an accredited representative will be done in accordance with the rules and regulations of the Indiana Utility Regulatory Commission (IURC).
5. The Company will read the Company Meter as near as practical to the end of the normal billing cycle. The Company will provide the net metering readings to the Customer as part of the monthly billing data.
6. The Company shall install at the Delivery Point of the net metering facility a single Watt-Hour meter. The Watt-Hour Meter shall measure kWh used by the eligible customer, and shall measure the excess kWh exported by the customer to NIPSCO's electric system.

IV. DEFAULTS AND REMEDIES

1. If Company determines that Customer is failing to meet the Qualifying Standards, or that Customer is creating or contributing to an emergency for Company's system, then Company may, without notice, disconnect the Customer's facilities from Company's system. If Company disconnects Customer's facilities from Company's system, then Company will provide Customer with an explanation for the disconnection. If Customer can demonstrate to Company that the basis for Company's disconnection has been remedied, then Company will reconnect Customer's facilities to Company's system.

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2. If either party believes that the other party has breached a material provision of this Agreement, the non-breaching party may terminate this Agreement. The non-breaching party must give the breaching party notice of the breach and this Agreement will terminate thirty (30) days after the breaching party receives such notice if the breach has not been cured by that date.

V. INDEMNIFICATION AND LIMITATION OF LIABILITY

1. Customer shall have and maintain a homeowners, commercial or other insurance providing coverage 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. Proof of insurance will be provided to the Company prior to commencement of net metering operation by the Customer. Company may request verification of continued coverage annually as a prerequisite of continuation of the net metering agreement.
2. The Customer shall protect, indemnify and hold harmless the Company against any claims made against or costs incurred by the Company, including reasonable attorneys' fees, that arise from the Customer's Equipment or the Electricity prior to its transfer to Company at the Delivery Point.
3. The Company shall protect, indemnify and hold harmless the Customer against claims made against or costs incurred by the Customer, including reasonable attorneys' fees, that arise from the Company's Equipment or the Electricity after its transfer to Company at the Delivery Point.
4. NEITHER THE CUSTOMER NOR THE COMPANY IS LIABLE TO THE OTHER FOR SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING CLAIMS FOR LOSS OF PROFITS DUE TO BUSINESS INTERRUPTIONS, IN COMPUTING ANY CLAIM, DAMAGE, LIABILITY OR EXPENSE UNDER THIS AGREEMENT.

VI. UNUSUAL EVENTS

1. Neither party is liable to the other for any failure or delay in its performance if such failure or delay is caused by events beyond the reasonable control of the party who failed to perform, unless that failure or delay is caused by that party's gross negligence or willful misconduct.

VII. ASSIGNMENT

1. This Agreement may not be assigned by Customer except with Company's express written consent. If Customer sells the facilities that generate Electricity, this Agreement will terminate on the effective date of that sale.

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VIII. NOTICES

Any notice required to be given in this Agreement must be in writing and delivered in person or sent by U.S. registered mail to the following address:

To Company: New Business Department
Northern Indiana Public Service Company
801 E. 86th Avenue
Merrillville, IN 46410-6271

To Customer: _____

IX. MISCELLANEOUS

1. Any termination of this Agreement will not affect the parties' obligations with respect to any deliveries of Electricity that occurred prior to the termination.
2. If a court determines that any provision of this Agreement is unenforceable or invalid, the parties intend for the remainder of this Agreement to be enforced to the fullest extent possible.
3. The parties do not intend the rights and remedies specified in this Agreement to be exclusive and preserve all other rights and remedies available to them at law or in equity.
4. This Agreement is to be construed and enforced in accordance with the laws of the State of Indiana, exclusive of Indiana's conflicts of law principles.
5. This Agreement is subject to the approval of any regulatory bodies having jurisdiction over either the Company or the Customer. If such a regulatory body determines that this agreement is not proper, then this Agreement will be considered void and terminated.
6. The Company's General Rules and Regulations Applicable to Electric Service, on file with the IURC, are incorporated into this Agreement. Customer acknowledges receipt of the current General Rules and Regulations Applicable to Electric Service.

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7. For the purpose of making upgrades or repairs other than emergency repairs, Company reserves the right to disconnect the Customer's electric system on any day or days, provided that notification of Company's intention to interruption is given to at least seven (7) calendar days prior to the hour of interruption. Company will use best efforts to schedule such interruption at a time acceptable to Customer and Company, and such outages shall be limited in duration to seven (7) consecutive days unless otherwise agreed by Company and Customer, and shall occur no more than twice per calendar year.

Intending to be bound by this Agreement, the parties have executed this Agreement.

NORTHERN INDIANA PUBLIC SERVICE COMPANY

By: _____

Name: _____

Title: _____

CUSTOMER

By: _____

Name: _____

Title: _____

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RIDER 881
DEMAND RESPONSE RESOURCE TYPE 1 (DRR 1) – ENERGY ONLY

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TO WHOM AVAILABLE

Available to a Customer on Rates 823, 824, 825, 826, 830, or 831 or their successor Rate who has sustained ability to reduce its Energy requirements through indirect participation in the MISO wholesale energy market by managing its electric usage as described in MISO's Tariff Module E-1. This Rider is available to any load that is participating in Rate 831 and registered as a LMR; unless MISO rules change and do not permit load used by the Company as a Load Modifying Resource to also participate as a Demand Response Resource (DRR); provided, however, load may not participate as a DRR if such participation would be inconsistent with the provisions of either of the Company's Industrial Power Service Rates. The Customer shall enter into a written contract with the Company to reduce a portion of its electric load for single or multiple Interval Data Recorder (IDR) meters through participation with the Company acting as the Market Participant for the Customer. Customer shall be one and only one type of Customer for this Rider; an Asset Owner (AO), Non-Asset Owner (NAO), or Aggregator of Retail Customers (ARC).

DEFINITIONS

Aggregator of Retail Customers (ARC): A third party that consolidates the applicable load of NIPSCO customers to NIPSCO in order to meet the minimum requirements under this Rider. A Customer either aggregating its load from different meters or serving as an ARC for other Customers is considered a third party ARC for purposes of this Rider. An ARC may only aggregate for purposes of Load Reduction on this Rider. Although a Customer may serve as an ARC, for purposes of this Rider, an ARC is not a NIPSCO Customer.

Consumption Baseline (CBL): The default calculation of the Consumption Baseline (CBL) shall be calculated pursuant to the relevant BPM or MISO tariff currently in effect. In cases where the default calculation does not provide a reasonable representation of normal load conditions, the Company and the Customer may develop an alternative CBL calculation that more accurately reflects the Customer's normal consumption pattern subject to MISO approval.

Customer: A Customer refers to all three types of Customers on Rider 881; Asset Owner, Non-Asset Owner, and Aggregator of Retail Customers.

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DEMAND RESPONSE RESOURCE TYPE 1 (DRR 1) – ENERGY ONLY

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DEFINITIONS (Continued)

DRR 1-Energy Only:	Demand Response Resource Type 1 - Energy Only, an Energy only resource that is capable of supplying a specific quantity of Energy, through the Company as Market Participant, to MISO through physical Load Reduction. This product shall not be considered eligible for MISO capacity in any form.
Load Reduction:	The amount of load the Customer reduces from its CBL.
Non-Asset Owner (NAO):	A Customer on Rates 823, 824, 825, 826, 830, 831 Tier 1 or 831 Tier 2 whom is not an ARC.
Targeted Demand Reduction Level (TDRL):	This value is initially set through asset registration and may be overridden by the Customer (for AOs) or the Company (for NAOs and ARCs) via the schedule offer submittal through the MISO Market Portal. Service is limited to Tier 1 plus Tier 2 level.

MINIMUM LOAD REDUCTION AMOUNT

The Customer shall register TDRL of at least 1,000 kW of sustainable Load Reduction. ARCs may aggregate to meet the 1,000 kW minimum Load Reduction.

MAXIMUM LOAD REDUCTION AMOUNT

Customers taking service under Rate 831 shall have their Load Reduction limited to the sum of its Tier 1 and Tier 2 level. Customer shall be responsible for the compliance of their Load Reduction obligations in accordance with this Rider. All Load Reduction will be reconstituted for settlement purposes to the applicable Company Load Zone with MISO.

REGISTRATION

Registration will follow MISO's quarterly network model update cycle. During quarterly model updates, the Company will request registration of a CP Node which is required for participation under this Rider. Refer to market registration within MISO's BPM for details on the data required to register. The Customer must assist the Company in completing any MISO registration requirements.

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DEMAND RESPONSE RESOURCE TYPE 1 (DRR 1) – ENERGY ONLY

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LOAD REDUCTION AMOUNT

The Customer participating in this Rider shall reduce its demand by the MISO-cleared offer amount relative to the CBL amount, or pay applicable MISO settlement charges/credits. The Customer and the Company shall enter into a contract which will specify the terms and conditions under which the Customer agrees to reduce usage. The Company and the Customer shall agree to the baseline methodology specified in the contract between the Company and the Customer. The MISO default baseline will be available as a choice for the Customer.

COMMUNICATIONS, METERING, TELEMETRY, HARDWARE, AND SOFTWARE REQUIREMENTS

The Company shall specify a communications plan, which includes a revenue quality meter and all implementation and operational software required under this Rider. It is the Customer's responsibility to comply with that plan. Customer will pay for the installed cost of additional metering, telemetry, hardware and software development, certificates, and licensing fees that may be required to facilitate service under this Rider. All such metering and software shall be compliant with any applicable current and future MISO and/or Commission requirements, including the potential of meter capture on a 5 minute basis. The Customer shall provide the Company with next day remote interrogation of the meter on an hourly level. Customer may elect to install its own metering, with the Company reserving the right to inspect the equipment and own the equipment once it is installed. At the Customer's request, metering may be installed by the Company and invoiced at the installed cost to the Customer. Estimated costs of metering and equipment shall be provided prior to installation by the Company, but the Customer shall be responsible for the actual costs of the equipment and installation.

APPLICATION AND CONTRACT

Customer participation in this Rider shall be subject to the approval of an application by the Company on a non-discriminatory basis. For ARCs, this process may include a review of the ARC's creditworthiness and an evaluation for need for appropriate financial assurance prior to participation. This financial assurance may include full collateral in the form of cash or other security instrument deemed appropriate by the Company.

Once approved for participation, the Company and Customer must enter into a contract, which shall be no more than one (1) Contract Year in duration. The contract shall be renewed for up to two (2) additional one (1) Contract Year terms subject to the right of either party to provide notice of termination sixty (60) days prior to the expiration of the initial or any subsequent term.

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DEMAND RESPONSE RESOURCE TYPE 1 (DRR 1) – ENERGY ONLY

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THIRD-PARTY AGGREGATORS

Aggregation will be permitted under this Rider subject to (a) measurement and verification of Customer response in a manner satisfactory to the Company sufficient to allow the Company to comply with any and all MISO requirements, and (b) satisfaction of reasonable and appropriate qualifications for any participating Aggregator.

An ARC shall be subject to the terms of the contract between the Company and ARC and pursuant to the terms of this Rider. An ARC shall provide a list of all individual Customers who are participating with the ARC. A Customer may serve as an ARC for other Customers in the service territory, but shall be subject to the requirements set forth in this Rider for ARCs. The Company shall have final approval over final integration of business processes of all participating ARCs.

OFFERS

Asset Owner

Rate 831 Tier 3 Customers shall be registered as an Asset Owner within MISO and will be required to submit all offer requirements, through the MISO Market Portal, consistent with the timeline outlined in the MISO BPM. When first registered, a default offer will be established which will remain valid until updated or declared unavailable by the AO. All offers are applicable to every day noted in the offer. Default offers can only be made after the resource has been certified by MISO. The NIPSCO annual registration fee must be paid to the Company with submittal of the registration information.

Non-Asset Owner / Aggregator of Retail Customers

The NAO/ARC shall have the option of participating or not on any particular day, as applicable, as long as it notifies the Company prior to 8:00 a.m. C.P.T. on the day before it does not wish to provide an Energy offer. If the total Load Reduction amount available within a given hour is less than 1,000 kW, an offer of "Not Participating" will be made for that hour.

When first registered, a default offer will be established which will remain valid until updated or declared unavailable by the NAO/ARC. All offers are applicable to every day noted in the offer. Default offers can only be made after the resource has been certified by MISO. The NIPSCO annual registration fee must be paid to the Company with submittal of the registration information.

The NAO/ARC shall submit the required offer information in the prescribed electronic format to the Company's designee no later than 8:00 a.m. C.P.T. for submittal to MISO by the Company. Up to fifteen (15) offer changes per month shall be entered at no charge to the NAO/ARC.

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DEMAND RESPONSE RESOURCE TYPE 1 (DRR 1) – ENERGY ONLY

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MISO PERFORMANCE REQUIREMENTS

Performance requirements are stated in the MISO BPM and the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff. It shall be the Customer's responsibility to comply with all of the minimum performance criteria specified by MISO in effect and may be amended from time to time.

NIPSCO ADMINISTRATIVE FEES

The Company shall bill the Customer for NIPSCO administrative fees which may be amended from time to time with approval by the Commission utilizing the thirty (30) day Administrative Filing Procedures to the extent such amendment would otherwise qualify under said provisions.

Annual Registration with NIPSCO \$1,000

For offers cleared by MISO: 5% of the absolute value of the daily net MISO settlements which in no event shall Company portion be less than zero.

Change Fees for NAOs/ARCs: Up to fifteen (15) offer changes per month shall be entered at no charge to the NAO/ARC. NAO/ARC shall pay \$100 for each additional change, which shall be included in the monthly Bill and will first be netted against any settlement due to a result of a DRR Type 1 Event.

PENALTY FOR FAILURE TO PERFORM

If the Customer does not perform to its offer cleared by MISO in accordance with the contract, MISO may debit, credit or penalize the Customer (for AOs) or the Company (for NAOs and ARCs). Such financial settlements will be imposed on the Customer. The Company shall take its fee for offers cleared and subtract the MISO penalty or fee from the net of that amount. If MISO terminates the Customer's participation, the Company shall immediately terminate the Customer's participation.

In addition, in the event that a Customer has a debit on its Bill or invoice due to failure to perform, if the Customer does not pay the undisputed portion of that debit by the due date indicated on the Customer's Bill or invoice, the Customer shall be suspended from further participation until such time that the debit is paid. An ARC is accountable for all its Customers and all penalties incurred by its Customers for failure to perform will be issued to the ARC, not its Customers.

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DEMAND RESPONSE RESOURCE TYPE 1 (DRR 1) – ENERGY ONLY

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SETTLEMENTS

The Company shall establish a weekly net Bill credit/charge to be given to the AO. The net Bill credit/charge, including prior period adjustments, will reflect settlements between the AO and MISO through a week of market settlement statements, along with any applicable NIPSCO administrative fees.

The Company shall establish a monthly net Bill credit/charge to be given to the NAO. The net Bill credit/charge, including prior period adjustments, will reflect settlements between the Company and MISO for the NAO through a calendar month of market settlement statements prior to the regular Bill, along with any applicable NIPSCO administrative fees.

The payment to ARCs shall take place ten (10) calendar days following the end of a calendar month and shall include a net credit/charge, including prior period adjustments, that reflect settlements between the Company and MISO for the ARC through a calendar month of market settlement statements, along with any applicable NIPSCO administrative fees.

GENERAL TERMS AND CONDITIONS

Except as provided in this Rider, all terms, conditions, rates, and charges outlined in the applicable Rate Schedule will apply.

Any interruptions or reductions in electric service caused by outages of Company's facilities and, therefore, not compensated by MISO, will not be compensated under this Rider. Agreements under this Rider will in no way affect Customer's or Company's respective obligations regarding the rendering of and payment for electric service under the applicable Rate Schedules. It will be the Customer's responsibility to monitor and control its Demand and Energy usage before, during, and after a notice period under this Rider.

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TO WHOM AVAILABLE

Available to a Customer on Rates 823, 824, 825, 826, 830, or 831 or their successor Rate who has sustained ability to reduce its Energy requirements through indirect participation in the MISO wholesale energy market by managing its electric usage as described in MISO's Tariff Module E-1. This Rider is available to any load that is participating in Rate 831 and registered as a LMR; unless MISO rules change and do not permit load used by the Company as a Load Modifying Resource to also participate as an Emergency Demand Response Resource (EDR); provided, however, load may not participate as a DRR if such participation would be inconsistent with the provisions of either of the Company's Industrial Power Service Rates. The Customer shall enter into a written contract with the Company to reduce a portion of its electric load for single or multiple Interval Data Recorder (IDR) meters through participation with the Company acting as the Market Participant for the Customer. Customer who does not qualify as an LMR may, however, participate as an EDR with any load. Customer taking service under this Rider shall not take power under the temporary, surplus power, back-up and maintenance services during an event under this Rider. Customer shall be one and only one type of Customer for this Rider; an Asset Owner (AO), Non-Asset Owner (NAO), or Aggregator of Retail Customers (ARC).

DEFINITIONS

Aggregator of Retail Customers (ARC): A third party that consolidates the applicable load of NIPSCO customers to NIPSCO in order to meet the minimum requirements under this Rider. A Customer either aggregating its load from different meters or serving as an ARC for other Customers is considered a third party ARC for purposes of this Rider. An ARC may only aggregate for purposes of Load Reduction on this Rider. Although a Customer may serve as an ARC, for purposes of this Rider, an ARC is not a NIPSCO Customer.

Consumption Baseline (CBL): The default calculation of the Consumption Baseline (CBL) shall be calculated pursuant to the relevant BPM or MISO tariff currently in effect. In cases where the default calculation does not provide a reasonable representation of normal load conditions, the Company and the Customer may develop an alternative CBL calculation that more accurately reflects the Customer's normal consumption pattern subject to MISO approval.

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DEFINITIONS (Continued)

Customer:	A Customer refers to all three types of Customers on Rider 881; Asset Owner, Non-Asset Owner, and Aggregator of Retail Customers.
Emergency Demand Response Resource (EDR):	Emergency Demand Response, an Energy-only type of Demand Response Resource as defined by MISO.
Load Reduction:	The amount of load the Customer reduces from its CBL.
Non-Asset Owner (NAO):	A Customer on Rates 823, 824, 825, 826, 830, 831 Tier 1 or 831 Tier 2 whom is not an ARC.
Targeted Demand Reduction Level (TDRL):	This value is initially set through asset registration and may be overridden by the Customer (for AOs) or the Company (for NAOs and ARCs) via the schedule offer submittal through the MISO Market Portal. Service is limited to Tier 1 plus Tier 2 level.

MINIMUM LOAD REDUCTION AMOUNT

The Customer shall register TDRL of at least 1,000 kW of sustainable Load Reduction. ARCs may aggregate to meet the 1,000 kW minimum Load Reduction.

MAXIMUM LOAD REDUCTION AMOUNT

Customers taking service under Rate 831 shall have their Load Reduction limited to the sum of its Tier 1 and Tier 2 level. Customer shall be responsible for the compliance of their Load Reduction obligations in accordance with this Rider. All Load Reduction will be reconstituted for settlement purposes to the applicable Company load zone with MISO.

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REGISTRATION

Registration will follow MISO's quarterly network model update cycle. During quarterly model updates, the Company will request registration of a CP Node which is required for participation under this Rider. Refer to market registration within MISO's BPM for details on the data required to register. The Customer must assist the Company in completing any MISO registration requirements.

LOAD REDUCTION AMOUNT

The Customer participating in this Rider shall reduce its demand by the MISO-cleared offer amount relative to the CBL amount, or pay applicable MISO settlement charges/credits. The Customer and the Company shall enter into a contract which will specify the terms and conditions under which the Customer agrees to reduce usage. The Company and the Customer shall agree to the baseline methodology specified in the contract between the Company and the Customer. The MISO default baseline will be available as a choice for the Customer.

Firm Demand Level (FDL)

Customer electing this option agree, upon notification by Company, to limit their Demand to a firm load level. The method to compute the amount of the Load Reduction will be specified in the in the contract between the Customer and the Company. All usage above the Firm Demand Level will be charged to the Customer, as applicable, consistent with the non-compliance provisions in the applicable MISO BPMs and the Company's tariff. MISO will request implementation of this program at applicable times through its dispatch process. On such a MISO request, as relayed by the Company, Customer electing this option agree to reduce to the FDL as specified in the contract. If an offer is accepted, no buy-through Energy will be available.

Fixed Reduction Amount

Customer electing this option agree, upon notification by Company, to reduce Energy usage below their CBL level by the Customer specified amount. The method to compute the amount of the Load Reduction will be specified in the contract between the Customer and the Company.

MISO will request implementation of this program at applicable times through its dispatch process. On such a MISO request, as relayed by the Company, Customer electing this option agree to reduce Energy usage by the fixed reduction amount as specified in the contract. If an offer is accepted, no buy-through energy will be available.

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COMMUNICATIONS, METERING, TELEMETRY, HARDWARE, AND SOFTWARE REQUIREMENTS

The Company shall specify a communications plan, which includes a revenue quality meter and all implementation and operational software required under this Rider. It is the Customer's responsibility to comply with that plan. Customer will pay for the installed cost of additional metering, telemetry, hardware and software development, certificates, and licensing fees that may be required to facilitate service under this Rider. All such metering and software shall be compliant with any applicable current and future MISO and/or Commission requirements, including the potential of meter capture on a 5 minute basis. The Customer shall provide the Company with next day remote interrogation of the meter on an hourly level. Customer may elect to install its own metering, with the Company reserving the right to inspect the equipment and own the equipment once it is installed. At the Customer's request, metering may be installed by the Company and invoiced at the installed cost to the Customer. Estimated costs of metering and equipment shall be provided prior to installation by the Company, but the Customer shall be responsible for the actual costs of the equipment and installation.

APPLICATION AND CONTRACT

Customer participation in this Rider shall be subject to the approval of an application by the Company on a non-discriminatory basis. For ARCs, this process may include a review of the ARC's creditworthiness and an evaluation for need for appropriate financial assurance prior to participation. This financial assurance may include full collateral in the form of cash or other security instrument deemed appropriate by the Company.

Once approved for participation, the Company and Customer must enter into a contract, which shall be no more than one (1) Contract Year in duration. The contract shall be renewed for up to two (2) additional one (1) Contract Year terms subject to the right of either party to provide notice of termination sixty (60) days prior to the expiration of the initial or any subsequent term.

THIRD-PARTY AGGREGATORS

Aggregation will be permitted under this Rider subject to (a) measurement and verification of Customer response in a manner satisfactory to the Company sufficient to allow the Company to comply with any and all MISO requirements, and (b) satisfaction of reasonable and appropriate qualifications for any participating Aggregator.

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THIRD-PARTY AGGREGATORS (Continued)

An ARC shall be subject to the terms of the contract between the Company and ARC and pursuant to the terms of this Rider. An ARC shall provide a list of all individual Customers who are participating with the ARC. A Customer may serve as an ARC for other Customers in the service territory, but shall be subject to the requirements set forth in this Rider for ARCs. The Company shall have final approval over final integration of business processes of all participating ARCs.

OFFERS

Asset Owner

Rate 831 Tier 3 Customers shall be registered as an Asset Owner within MISO and will be required to submit all offer requirements, through the MISO Market Portal, consistent with the timeline outlined in the MISO BPM. When first registered, a default offer will be established which will remain valid until updated or declared unavailable by the AO. All offers are applicable to every day noted in the offer. Default offers can only be made after the resource has been certified by MISO.

If the resource is a Behind the Meter Generator (“BTMG”), the AO must affirm in writing that: (1) it holds all necessary permits; (2) it possesses the necessary rights to operate the unit; and (3) the BTMG is not a Network Resource as defined by MISO. If the generation resource designated under this Rider is historically not operated during non-Emergency conditions, the Energy that can be offered is the increase in output from a BTMG resource to enable a net Demand reduction in response to receiving an EDR dispatch instruction from the Company.

Non-Asset Owner / Aggregator of Retail Customers

The NAO/ARC shall have the option of participating or not on any particular day, as applicable, as long as it notifies the Company prior to 8:00 a.m. C.P.T. on the day before it does not wish to provide an Energy offer. If the total Load Reduction amount available within a given hour is less than 1,000 kW, an offer of “Not Participating” will be made for that hour.

If the resource is a Behind the Meter Generator (“BTMG”), the NAO/ARC must affirm in writing that: (1) it holds all necessary permits; (2) it possesses the necessary rights to operate the unit; and (3) the BTMG is not a Network Resource as defined by MISO. If the generation resource designated under this Rider is historically not operated during non-Emergency conditions, the Energy that can be offered is the increase in output from a BTMG resource to enable a net Demand reduction in response to receiving an EDR dispatch instruction from the Company.

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Non-Asset Owner / Aggregator of Retail Customers (Continued)

When first registered, a default offer will be established which will remain valid until updated or declared unavailable by the NAO/ARC. All offers are applicable to every day noted in the offer. Default offers can only be made after the resource has been certified by MISO. The NIPSCO annual registration fee must be paid to the Company with submittal of the registration information.

The NAO/ARC shall submit the required offer information in the prescribed electronic format to the Company's designee no later than 8:00 a.m. C.P.T. for submittal to MISO by the Company. Up to fifteen (15) offer changes per month shall be entered at no charge to the NAO/ARC.

MISO PERFORMANCE REQUIREMENTS

Performance requirements are stated in the MISO BPM and the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff. It shall be the Customer's responsibility to comply with all of the minimum performance criteria specified by MISO in effect and may be amended from time to time.

NIPSCO ADMINISTRATIVE FEES

The Company shall bill the Customer for NIPSCO administrative fees which may be amended from time to time with approval by the Commission utilizing the thirty (30) day Administrative Filing Procedures to the extent such amendment would otherwise qualify under said provisions.

Annual Registration with NIPSCO \$1,000

For offers cleared by MISO: 5% of the absolute value of the daily net MISO settlements which in no event shall Company portion be less than zero.

Change Fees for NAOs/ARCs: Up to fifteen (15) offer changes per month shall be entered at no charge to the NAO/ARC. NAO/ARC shall pay \$100 for each additional change, which shall be included in the monthly Bill and will first be netted against any settlement due to a result of a DRR Type 1 Event.

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PENALTY FOR FAILURE TO PERFORM

If the Customer does not perform to its offer cleared by MISO in accordance with the Contract, MISO may debit, credit or penalize the Customer (for AOs) or the Company (for NAOs and ARCs). Such financial settlements will be imposed on the Customer. The Company shall take its fee for offers cleared and subtract the MISO penalty or fee from the net of that amount.

If MISO terminates the Customer's participation, the Company shall immediately terminate the Customer's participation. If there are system reliability issues created by the Customer's failure to perform the Company reserves the right to suspend participation of the Customer under this Rider for ninety (90) days or to terminate the Customer's participation. The Customer has the right to ask the Commission to review any decision made by the Company.

In addition, in the event that a Customer has a debit on its Bill or invoice due to failure to perform, if the Customer does not pay the undisputed portion of that debit by the due date indicated on the Customer's Bill or invoice, the Customer shall be suspended from further participation until such time that the debit is paid. An ARC is accountable for all its Customers and all penalties incurred by its Customers for failure to perform will be issued to the ARC, not its Customers.

SETTLEMENTS

The Company shall establish a weekly net Bill credit/charge to be given to the AO. The net Bill credit/charge, including prior period adjustments, will reflect settlements between the AO and MISO through a week of market settlement statements, along with any applicable NIPSCO administrative fees.

The Company shall establish a monthly net Bill credit/charge to be given to the NAO. The net Bill credit/charge, including prior period adjustments, will reflect settlements between the Company and MISO for the NAO through a calendar month of market settlement statements prior to the regular Bill, along with any applicable NIPSCO administrative fees.

The payment to ARCs shall take place ten (10) calendar days following the end of a calendar month and shall include a net credit/charge, including prior period adjustments that reflect settlements between the Company and MISO for the ARC through a calendar month of market settlement statements, along with any applicable NIPSCO administrative fees.

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GENERAL TERMS AND CONDITIONS

Except as provided in this Rider, all terms, conditions, rates, and charges outlined in the applicable Rate Schedule will apply.

Any interruptions or reductions in electric service caused by outages of Company's facilities and, therefore, not compensated by MISO, will not be compensated under this Rider. Agreements under this Rider will in no way affect Customer's or Company's respective obligations regarding the rendering of and payment for electric service under the applicable Rate Schedules. It will be the Customer's responsibility to monitor and control its Demand and Energy usage before, during, and after a notice period under this Rider.

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RIDER
ADJUSTMENT OF CHARGES FOR
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM

Sheet No. 1 of 5

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

ADJUSTMENT OF CHARGES FOR DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA)

The Energy Charges in the Rate Schedules are subject to adjustment to reflect the recovery of costs applicable to Demand Side Management (“DSM”) programs. Such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh in accordance with the following

$$\begin{aligned}
 \text{Adjustment Factor}_{\text{Rate}} = \text{Sum of } & \left[\begin{array}{l} \text{DSM}_p \times \text{Energy}_{\text{Rate}} \\ \text{Energy}_p \times \text{BE}_{\text{Rate}} \end{array} \right. \quad \text{OR} \quad \left[\begin{array}{l} \text{DSM}_p \times \text{Cust}_{\text{Rate}} \\ \text{Cust}_p \times \text{BE}_{\text{Rate}} \end{array} \right. \\
 & \text{PLUS} \\
 & \left[\begin{array}{l} \text{Projected Lost Revenue}_p \times \text{Energy}_{\text{Rate}} \\ \text{Energy}_p \times \text{BE}_{\text{Rate}} \end{array} \right. \quad \text{OR} \quad \left[\begin{array}{l} \text{Projected Lost Revenue}_p \times \text{Cust}_{\text{Rate}} \\ \text{Cust}_{\text{Rate}} \times \text{BE}_{\text{Rate}} \end{array} \right. \\
 & \text{PLUS} \\
 & \left. \text{Reconciled Lost Revenue}_p \right] \quad \text{For all programs (P)}
 \end{aligned}$$

Where:

“BE_{Rate}” is the estimated jurisdictional billing kWh for each rate for the current twelve (12) month period.

“Cust_{Rate}” is the estimated number of customers in the rate eligible for DSM program (P) for programs where the Commission has approved an allocation based on Customer count.

“Cust_p” is the sum of the Cust_{Rate} for all rates eligible for DSM program (P).

“DSM_p” is the estimated DSM Program Costs, including reconciliation of costs for prior periods and any incentives as approved by the Commission, for the current twelve (12) month period for each DSM program (P).

“Energy_{Rate}” is the estimated billing kWh in the rate eligible for DSM program (P) for programs where the Commission has approved an allocation based on estimated billing kWh.

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ADJUSTMENT OF CHARGES FOR
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA)

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“Energy_p” is the sum of the Energy_{Rate} for all rates eligible for DSM program (P).

“Estimated Jurisdictional Billing” is determined by the 12 month kWh sales forecast.

“Projected Lost Revenue_p” is the projected lost revenue for the current twelve (12) month period for each DSM program (P).

“Reconciled Lost Revenue_p” is the reconciliation of lost revenue for the twelve (12) month period, including reconciliation for actual collections as well as adjustments for actual net energy and demand savings. For programs where the Commission has approved an allocation based on actual participation by Rate Schedule, the reconciliation will include reallocation due to actual participation by Rate Schedule. For programs where the Rate Class of participating Customers is not known, the reconciliation will not include a reallocation due to actual participation by Rate Schedule.

DSMA FACTORS

The Rate Schedules identified in Appendix A are subject to a DSMA Factor. The DSMA Factors in Appendix G are applicable hereto and are issued and effective at the dates shown on Appendix G. The DSMA Factors as computed above shall be further modified to allow for the recovery of the DSMA revenue requirement reconciled with actual sales and revenues. The DSMA Factors per kWh charge for each Rate Schedule are shown in Appendix G.

OPT-OUT OPTION FOR QUALIFYING COMMERCIAL AND INDUSTRIAL CUSTOMERS

A. Definitions

The following definitions are applicable to the opt-out provisions of this Rider 883 only:

Single Site: A Single Site shall be defined as contiguous property unless aggregation of multiple delivery points is specifically permitted under the applicable approved Rate Schedule as of April 1, 2014.

Qualifying Customer: A Customer that receives electric service under an approved Rate Schedule at a Single Site constituting more than 1,000 kW / one MW of electric capacity.

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ADJUSTMENT OF CHARGES FOR
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA)

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- Qualifying Load:* A Single Site with at least one (1) meter constituting more than 1,000 kW / one MW of electric capacity for any one Billing Period within the previous twelve (12) months prior to the Qualifying Customer's opt out notification to the Company. Such Demand shall be measured with a Demand meter that is used to measure Demand for billing purposes. Electric capacity will be determined the same way Demand is determined as indicated in the Company's Electric Service Tariff.
- Energy Efficiency Program:* A program that is (1) sponsored by the Company or a third party administrator; and (2) designed to implement energy efficiency improvements (as defined in 170 IAC 4-8-1(j)) for customers. The term does not include a program designed primarily to reduce demand.
- Energy Efficiency Program Costs:* Costs recovered under this Rider, including program costs, net lost revenues and incentives, evaluation, measurement and verification ("EM&V") costs, and reconciliation of applicable costs as approved by the Commission.

B. Opt Out Option for Qualifying Customers

A Qualifying Customer may elect to opt out of participation in the Company's Energy Efficiency Program and Rider 883 for Qualifying Load. If a Qualifying Customer has Qualifying Load, it may opt out all Non-Residential Customer accounts at that Single Site. Such accounts will be opted out provided the Qualifying Customer identifies the accounts in the Customer's notice to the Company of its election to opt out. Once a Customer is determined to be a Qualifying Customer, the Company will not revoke the Qualifying Customer's qualification at a later date and the Customer need not renew its opt-out notice on a yearly basis. New Customers signing a Demand contract with Qualifying Load may complete the form to opt out of the program immediately. New Customers that do not sign a Demand contract will need to have and demonstrate Qualifying Load in order to qualify consistent with the Notification and Effective Date provisions below. The Opt Out Option shall be implemented in accordance with the following provisions:

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RIDER 883
ADJUSTMENT OF CHARGES FOR
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA)

Sheet No. 4 of 6

C. Notification and Effective Date

A Qualifying Customer seeking to opt out of the Company's Energy Efficiency Program and Rider 883 shall provide written notice of its desire to opt out. A Qualifying Customer that has provided notice to the Company of its intention to opt out of participation in the Company's Energy Efficiency Program and Rider 883 by May 15 will be exempted from Rider 883 with an effective date of January 1 of the following calendar year. If a Qualifying Customer provides notice of its intent to opt-out in a manner other than the form, the notice date of the Customer's opt out will be the date of the original notice. However, the Qualifying Customer shall complete the opt out form in a timely manner. All Qualifying Customers providing notice under this section shall be subject to the recovery of Energy Efficiency Program Costs as described below.

D. Energy Efficiency Program Costs

Qualifying Customers remain liable for Energy Efficiency Program Costs that accrued or were incurred, or relate to energy efficiency investments made before the date on which the opt out is effective, regardless of the date on which such costs are included in Rider 883 for recovery. Such costs may include costs related to EM&V required to be conducted after a Qualifying Customer opts out on projects completed under an Energy Efficiency Program prior to the date on which the opt out is effective. However, these costs shall be limited to fixed, administrative costs, including costs related to EM&V. A Qualifying Customer shall not be responsible for any program costs such as the payment of energy efficiency rebates or incentives, incurred following the effective date of its opt out, with exception of incentives or rebates that are paid on applications for projects that are complete but that have not closed out at the effective date of its opt out.

E. Opt Out DSMA Factor

A separate Opt Out DSMA Factor will be calculated and made applicable to Qualifying Customers electing to opt out of participation in the Company's Energy Efficiency Program and Rider 883. The Opt Out DSMA Factor will be calculated to recover the applicable program costs as described in Section D above. Any over- or under- recovery of costs for the time period during which the Qualifying Customer was participating in Energy Efficiency Programs shall be captured by the reconciliation and recovered or refunded to the Qualifying Customer through the reconciliation factor of the Opt Out DSMA Factor. Specifically,

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- (1) A Qualifying Customer that opts out of participation effective January 1 of any year will pay:
- (a) Program Reconciliation costs for January through December of the previous year;
 - (b) Lost Revenue Projections for January through December of the applicable year (which include all lost revenues to be collected during the period) for measures installed while the Qualifying Customer was participating in the Energy Efficiency Program;
 - (c) Applicable Lost Revenue Reconciliation;
 - (d) Performance Incentives (if applicable) for the applicable year; and
 - (e) Program costs as described in Section D above.

If the Company makes subsequent changes to the allocation of Energy Efficiency Program Costs, Qualifying Customers that opted out of participation will continue to pay rates that reflect those costs based on the allocation in effect at the time of the notice of opt out. Any reconciliation of Energy Efficiency Program Costs will likewise be allocated in the same manner in effect at the time of the Qualifying Customer's notice of opt out.

F. Opt-In

A Qualifying Customer may opt back in to participation in the Company's Energy Efficiency Program and Rider 883 by providing notice on or before May 15 of the year prior to its requested opt in date. The opt in shall be effective January 1 of the year following the notice. If a Qualifying Customer provides notice of its intent to opt-in in a manner other than the form, the notice date of the Customer's opt-in will be the date of the original notice. However, the Qualifying Customer shall complete the Opt In form in a timely manner. If a Qualifying Customer opts back in to participation in the Company's Energy Efficiency Program and Rider 883, such Qualifying Customer must requalify to opt out again. If a Qualifying Customer opts back in to participation in the Company's Energy Efficiency Program and Rider 883, that Qualifying Customer must participate in the associated Energy Efficiency Program for at least three (3) years, and may only opt out effective January 1 of the year following the third year of participation. A Qualifying Customer may elect to opt out again before the end of the three (3) year period, but, in such event, remains liable for, and must continue to pay rates that reflect Rider 883 as if it were still participating in the Company's Energy Efficiency Program for the remainder of the three (3) year period. If a Qualifying Customer elects to opt back out after the three (3) year period, the Qualifying Customer shall be responsible for Energy Efficiency Program Costs in the same manner as other customers who have opted out consistent with the provisions contained herein.

The Opt Out DSMA Factors shown in Appendix G are applicable hereto and are issued and effective on the dates shown on Appendix G.

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RIDER 886
GREEN POWER RIDER

Sheet No. 1 of 2

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

CHARACTER OF SERVICE

This Rider shall provide Customers with the option to designate a specific percentage of their energy consumption as associated with Green Power. Customers shall pay a surcharge for energy consumption associated with Green Power.

Green Power includes energy generated from renewable and/or environmentally friendly sources, including: solar; wind; geothermal; hydropower that is certified by the Low Impact Hydropower Institute; solid, liquid, and gaseous forms of biomass; and co-firing of biomass with non-renewables. Green Power includes the purchase of Renewable Energy Certificates from the sources described above.

All Customers selecting Green Power will be able to designate twenty-five percent (25%), fifty percent (50%) or one hundred percent (100%) of their Energy consumption to be attributable to Green Power. Commercial and Industrial Customers will also have the option of designating five percent (5%) or ten percent (10%) of their Energy consumption to be attributable to Green Power. The minimum purchase requirement for Residential Customers shall be twenty-five percent (25%).

Customer participation is completely voluntary and Customers can sign up for Green Power at any point in time. Customers may withdraw from the program at any time. However, changes will take effect in the upcoming billing cycle after the request for withdrawal has been received by the Company.

CALCULATION OF GREEN POWER RIDER RATE

Energy Charges in the Rate Schedules included in this Tariff are subject to charges approved by the Commission to reflect Green Power consumption. Such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh in accordance with the following:

$$\text{Green Power Rider ("GPR")} = \text{REC/ES (subcomponent)} + \text{M/ES (subcomponent)}$$

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GREEN POWER RIDER

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Where:

- “GPR” is the rate adjustment for each Rate Schedule representing the premium for Green Power consumption.
- “ES” is the estimated annual sales of Green Power based on estimate of the number of participants and usage level.
- “REC” is the estimated cost of acquiring Renewable Energy Certificates, including additional REC related fees.
- "M" is the marketing and certification costs of the Green Power program.

The marketing and certification subcomponent shall be capped at a maximum value of \$0.001150.

GREEN POWER RIDER RATE

The Rates Schedules identified in Appendix A are subject to a Green Power Rider Rate. The Green Power Rider Rate in Appendix H is applicable hereto and is issued and effective at the dates shown on Appendix H. The Green Power Rider Rate as computed above shall be further modified to allow for the recovery of the Green Power Rider revenue requirement reconciled with actual sales and costs. The Green Power Rider Rate per kWh charge for each Rate Schedule are shown on Appendix H.

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RIDER 887
ADJUSTMENT OF CHARGES FOR FEDERALLY MANDATED COSTS

Sheet No. 1 of 1

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

ADJUSTMENT OF CHARGES FOR FEDERALLY MANDATED COSTS

Energy Charges in the Rate Schedules are subject to adjustment to reflect the recovery of federally mandated costs associated with a Commission-approved Certificate of Public Convenience and Necessity (CPCN) pursuant to Ind. Code § 8-1-8.4-1 *et seq.* and incurred in connection with approved federally mandated compliance projects. Such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh in accordance with the following:

$$\text{FMCA Factor ("FMCA")} = ((R_f \times A_f) + (R_v \times A_v)) / S$$

Where:

"FMCA" is the rate adjustment for each Rate Schedule.

"R_f" equals the six (6) month revenue requirement based upon the federally mandated compliance project fixed costs approved by the Commission in a FMCA proceeding.

"R_v" equals the six (6) month revenue requirement based upon the federally mandated compliance project variable costs approved by the Commission in a FMCA proceeding.

"A_f" represents the applicable fixed allocation percentage(s) for each Rate Schedule.

"A_v" represents the applicable variable allocation percentage(s) for each Rate Schedule.

"S" is the six (6) month kWh sales forecast for each Rate Schedule.

FMCA FACTOR

The Rate Schedules identified in Appendix A are subject to an FMCA Factor. The FMCA Factors in Appendix I are applicable hereto and is issued and effective at the dates shown on Appendix I.

The FMCA Factors as computed above shall be further modified to allow for the recovery of the FMCA revenue requirement reconciled with actual sales and revenues. The FMCA Factors per kWh charge for each Rate Schedule are shown on Appendix I.

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RIDER 888
ADJUSTMENT OF CHARGES FOR TRANSMISSION, DISTRIBUTION AND STORAGE
SYSTEM IMPROVEMENT CHARGE

Sheet No. 1 of 1

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as identified in Appendix A.

ADJUSTMENT OF CHARGES FOR TRANSMISSION, DISTRIBUTION AND STORAGE
SYSTEM IMPROVEMENT CHARGE

Energy Charges in the Rate Schedules are subject to adjustment to reflect the recovery of costs incurred in connection with approved Transmission, Distribution and Storage System Improvements. Such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per kWh in accordance with the following:

$$\text{TDSIC} = ((\text{Rd} \times \text{Ad}) + (\text{Rt} \times \text{At})) / \text{S}$$

Where:

“TDSIC” is the rate adjustment for each Rate Schedule.

“Rd” equals the six (6) month revenue requirement based upon the distribution project costs approved by the Commission in a TDSIC adjustment proceeding.

“Rt” equals the six (6) month revenue requirement based upon the transmission project costs approved by the Commission in a TDSIC adjustment proceeding.

“Ad” represents the applicable distribution allocation percentage(s) for each Rate Schedule.

“At” represents the applicable transmission allocation percentage(s) for each Rate Schedule.

“S” is the six (6) month kWh sales forecast for each Rate Schedule.

TDSIC

The Rate Schedules identified in Appendix A are subject to a TDSIC. The TDSIC in Appendix J is applicable hereto and is issued and effective at the dates shown on Appendix J.

The TDSIC as computed above shall be further modified to allow for the recovery of the TDSIC revenue requirement reconciled with actual sales and revenues. The TDSIC per kWh charge for each Rate Schedule are shown on Appendix J.

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APPENDIX A
APPLICABLE RIDERS

Sheet No. 1 of 2

Rider	Code	Rider Name	Applicable Tariffs
Rider 870	FAC	Adjustment of Charges for Cost of Fuel Rider	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855, 860, Rider 876
Rider 871	RTO	Adjustment of Charges for Regional Transmission Organization Adjustment	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1 and Tier 2, 841, 842, 844, 850, 855, 860, Rider 876
Rider 874	RA	Adjustment of Charges for Resource Adequacy	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855, 860, Rider 876
Rider 876	BMTIS	Back-Up and Maintenance Industrial Service Rider	831
Rider 877	EDR	Economic Development Rider	824, 826, 830
Rider 878	COG	Purchases from Cogeneration Facilities and Small Power Production Facilities	811, 820, 821, 822, 823, 824, 825, 826, 830, 841, 844,
Rider 879	IS	Interconnection Standards	811, 820, 821, 822, 823, 824, 825, 826, 830, 831, 841, 844, 865
Rider 880	NM	Net Metering	811, 820, 821, 822, 823, 824, 825, 826, 830, 841

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APPENDIX A
APPLICABLE RIDERS

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Rider	Code	Rider Name	Applicable Tariffs
Rider 881	DRR 1	Demand Response Resource Type 1 (DRR 1) – Energy Only	823, 824, 825, 826, 830, 831
Rider 882	EDR-1	Emergency Demand Response Resource (EDR) – Energy Only	823, 824, 825, 826, 830, 831
Rider 883	DSMA	Adjustment of Charges for Demand Side Management Adjustment Mechanism (DSMA)	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 844, Rider 876
Rider 886	GPR	Green Power Rider	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855, 860, and Rider 876
Rider 887	FMCA	Adjustment of Charges for Federally Mandated Costs	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855, 860, Rider 876
Rider 888	TDSIC	Adjustment of Charges for Transmission, Distribution and Storage System Improvement Charge	811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855, 860, Rider 876

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APPENDIX B
FUEL COST ADJUSTMENT

Sheet No. 1 of 1

As shown in Appendix A, the charges in Rates Schedules 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855 and 860, and Rider 876 are subject to the Fuel Cost Adjustment computed in accordance with Rider 870 – Adjustment of Charges for Cost of Fuel Rider.

Effective for bills rendered during the _____, _____ and _____ 20__ billing cycles, or until a new factor is approved by the Commission, the Fuel Cost Adjustment shall be:

A charge / credit of \$ _____ per kWh

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APPENDIX C
REGIONAL TRANSMISSION ORGANIZATION ADJUSTMENT FACTOR

Sheet No. 1 of 1

As shown in Appendix A, the Regional Transmission Organization (“RTO”) Adjustment Factor in Rates 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1 and Tier 2, 841, 842, 844, 850, 855 and 860, and Rider 876 shall be computed in accordance with Rider 871 – Adjustment of Charges for Regional Transmission Organization.

Effective for bills rendered during the _____ through _____ billing cycles, or until new factors are approved by the Commission, the RTO Factor shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 2	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 842	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rate 850	A charge / credit of \$ _____ per kWh used per month
Rate 855	A charge / credit of \$ _____ per kWh used per month
Rate 860	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note below

The RTO Factor for Rider 876 will be the RTO Factor associated with the appropriate firm service under Rate Schedule 830 or 831 Tier 1, being used in conjunction with this Rider.

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APPENDIX F
RESOURCE ADEQUACY ADJUSTMENT FACTOR

Sheet No. 1 of 1

As shown in Appendix A, the Resource Adequacy (“RA”) Adjustment Factor in Rates 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855 and 860, and Rider 876 shall be computed in accordance with Rider 874 – Adjustment of Charges for Resource Adequacy.

Effective for bills rendered during the _____ through _____ 2018 billing cycles, or until new factors are approved by the Commission, the RA Factor shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 842	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rate 850	A charge / credit of \$ _____ per kWh used per month
Rate 855	A charge / credit of \$ _____ per kWh used per month
Rate 860	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note below

The RA Factor for Rider 876 will be the RA Factor associated with the appropriate firm service under Rate Schedule 830 or 831 Tier 1, being used in conjunction with this Rider.

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APPENDIX G
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA) FACTOR

Sheet No. 1 of 4

As shown in Appendix A, the Demand Side Management Adjustment Mechanism (DSMA) Factor in Rates 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 844 and Rider 876 shall be computed in accordance with Rider 883 – Adjustment of Charges for Demand Side Management Adjustment Mechanism (DSMA). The DSMA Factor for Rider 876 will be the DSMA Factor associated with the appropriate firm service under Rate Schedule 830 or 831 Tier 1, being used in conjunction with this Rider.

Effective for bills rendered during the _____ through _____ 2019 billing cycles, or until new factors are approved by the Commission, the DSMA Factor shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note above

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APPENDIX G
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA) FACTOR

Sheet No. 2 of 4

For Qualifying Customers electing to opt out of participation in the Company’s Energy Efficiency Program and Rider 883 effective January 1, 2016, the Opt Out DSMA Factor effective for bills rendered during the _____ through _____ 2019 billing cycles, or until new factors are approved by the Commission, shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note above

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APPENDIX G
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA) FACTOR

Sheet No. 3 of 4

For Qualifying Customers electing to opt out of participation in the Company’s Energy Efficiency Program and Rider 883 effective January 1, 2017, the Opt Out DSMA Factor effective for bills rendered during the _____ through _____ 2019 billing cycles, or until new factors are approved by the Commission, shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note above

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APPENDIX G
DEMAND SIDE MANAGEMENT ADJUSTMENT MECHANISM (DSMA) FACTOR

Sheet No. 4 of 4

For Qualifying Customers electing to opt out of participation in the Company’s Energy Efficiency Program and Rider 883 effective January 1, 2018, the Opt Out DSMA Factor effective for bills rendered during the _____ through _____ 2019 billing cycles, or until new factors are approved by the Commission, shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note above

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APPENDIX H
GREEN POWER RIDER RATE

Sheet No. 1 of 1

As shown in Appendix A, the Green Power Rider Rate in Rates 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855 and 860, and Rider 876, shall be computed in accordance with Rider 886 – Green Power Rider.

The GPR Rate for Rider 876 will be the GPR Rate associated with the appropriate firm service Rate Schedule, either Rate 830 or 831 Tier 1, being used in conjunction with this Rider.

Effective for bills rendered during the _____ through _____ 2019 billing cycles, or until new factors are approved by the Commission, the Green Power Rider Rate shall be a charge of \$_____ per kWh.

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APPENDIX I
FEDERALLY MANDATED COST ADJUSTMENT FACTOR

Sheet No. 1 of 1

As shown in Appendix A, the Federally Mandated Cost Adjustment (“FMCA”) Factor in Rates 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855 and 860, and Rider 876 shall be computed in accordance with Rider 887 – Adjustment of Charges for Federally Mandated Costs.

Effective for bills rendered during the _____ through _____ 2019 billing cycles, or until new factors are approved by the Commission, the FMCA Factor shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 842	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rate 850	A charge / credit of \$ _____ per kWh used per month
Rate 855	A charge / credit of \$ _____ per kWh used per month
Rate 860	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note above

The FMCA Factor for Rider 876 will be the FMCA Factor associated with the appropriate firm service Rate Schedule, either Rate 830 or 831 Tier 1, being used in conjunction with this Rider.

Issued Date
 __/__/2019

Effective Date
 6/30/2019



**NORTHERN INDIANA PUBLIC SERVICE COMPANY
IURC Electric Service Tariff
Original Volume No. 14
Cancelling All Previously Approved Tariffs**

**APPENDIX J
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE**

Sheet No. 1 of 1

As shown in Appendix A, the Transmission, Distribution and Storage System Improvement Charge (“TDSIC”) in Rates 811, 820, 821, 822, 823, 824, 825, 826, 830, 831 Tier 1, 841, 842, 844, 850, 855 and 860, and Rider 876, shall be computed in accordance with Rider 888 – Adjustment of Charges for Transmission, Distribution and Storage System Improvement Charge.

Effective for bills rendered during the _____ through _____ 2019 billing cycles, or until a new TDSIC is approved by the Commission, the TDSIC shall be:

RATE SCHEDULES

Rate	Charge
Rate 811	A charge / credit of \$ _____ per kWh used per month
Rate 820	A charge / credit of \$ _____ per kWh used per month
Rate 821	A charge / credit of \$ _____ per kWh used per month
Rate 822	A charge / credit of \$ _____ per kWh used per month
Rate 823	A charge / credit of \$ _____ per kWh used per month
Rate 824	A charge / credit of \$ _____ per kWh used per month
Rate 825	A charge / credit of \$ _____ per kWh used per month
Rate 826	A charge / credit of \$ _____ per kWh used per month
Rate 830	A charge / credit of \$ _____ per kWh used per month
Rate 831 Tier 1	A charge / credit of \$ _____ per kWh used per month
Rate 841	A charge / credit of \$ _____ per kWh used per month
Rate 842	A charge / credit of \$ _____ per kWh used per month
Rate 844	A charge / credit of \$ _____ per kWh used per month
Rate 850	A charge / credit of \$ _____ per kWh used per month
Rate 855	A charge / credit of \$ _____ per kWh used per month
Rate 860	A charge / credit of \$ _____ per kWh used per month
Rider 876	See note below

The TDSIC for Rider 876 will be the TDSIC associated with the appropriate firm service Rate Schedule, either Rate 830 or 831 Tier 1, being used in conjunction with this Rider.

Issued Date
__/__/2019

Effective Date
6/30/2019





NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC
AGREEMENT FOR ELECTRIC SERVICE
Rates 824/825/830/831/844 & Rider 876

This Agreement for Electric Service ("Agreement"), made this ___ day of ___, by and between NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC, an Indiana limited liability company (the "Company"), and ___ ("Customer").

For and in consideration of the mutual covenants and agreements hereinafter contained, the parties agree as follows:

The Company agrees to furnish to Customer during the term of this Agreement, and Customer agrees to take from the Company, all the electric energy of the character specified herein that shall be purchased by Customer for use by Customer at:

(Address). Account Number _____ Site Identification Number _____

The electric service supplied and taken hereunder shall be ___ phase, 60 cycle, alternating current, at a voltage of approximately ___ volts, and shall be metered at a voltage of ___ volts.

Standard Rate Demand:

At the commencement of service, the Contract Demand of Customer is _____ kW.

Rate 831:

At the commencement of service, the aggregated Premise Contract Demand is:

- Premise 1 _____ Contract Demand is _____ kW
Premise 2 _____ Contract Demand is _____ kW
Premise 3 _____ Contract Demand is _____ kW
Premise 4 _____ Contract Demand is _____ kW
Premise 5 _____ Contract Demand is _____ kW
Premise 6 _____ Contract Demand is _____ kW
Premise 7 _____ Contract Demand is _____ kW
Premise 8 _____ Contract Demand is _____ kW
Premise 9 _____ Contract Demand is _____ kW
Aggregated Premises Total _____

Tier Allocations:

- Tier 1 _____ kW (default 30,000 kW, 10,000 kW minimum)
Tier 2 _____ kW
Tier 3 _____ kW
Tiers Total _____ kW

Rider 876 / Rate 830 Back-Up Service:

At the commencement of service, Customer shall provide the following information for purposes of qualifying for Back-Up Service under Rider 876 and Rate 830:

- (i) details on each Cogeneration System including, but not limited to, net demonstrated capacity,
- (ii) scheduled planned maintenance for each Cogeneration System, and
- (iii) schedule an initial eligibility inspection for each Cogeneration System.

Customer shall demonstrate that adequate metering exists or shall install submetering such that ongoing capacity utilization can be recorded for each Cogeneration System, and upon request, will permit verification by the Company of the operating status of each Cogeneration System.

The Company shall begin to supply electric service under the Company's Rate _____ on or about _____ and the term of this Agreement shall continue in effect for an initial term not less than the minimum term set forth in the applicable Rate ending _____ (the "Initial Term Expiration Date"), and from month to month thereafter until terminated by either party, such termination to be effective at the end of a calendar month. At least sixty days prior written notice of termination is required to terminate this Agreement at the Initial Term Expiration Date or at the end of any calendar month thereafter pursuant to this paragraph.

Customer agrees to pay the Company monthly for all electric service supplied hereunder, or minimum provisions, in accordance with the rates provided for in the Rate Schedule(s) referred to above, as such rates are in effect from time to time during the term of this Agreement.

This Agreement incorporates by reference the Rate referred to above and the Company's General Rules and Regulations Applicable to Electric Service on file with the Indiana Utility Regulatory Commission, as the same may be amended, modified or supplemented from time to time, all of which are made part of this Agreement.

There are no oral understandings or agreements other than as set forth in this Agreement and Exhibit A attached hereto and incorporated herein by reference.

This Agreement cancels and supersedes all previous agreements relating to the purchase by Customer and sale by the Company of electric service at Customer's premises specified above.

Notice and Correspondence. Any notices required by this Agreement or by law shall be in writing and addressed to the parties at their respective addresses set forth below and shall be properly served when sent via overnight mail, certified mail, postage prepaid return receipt requested, or when received by facsimile at the facsimile number set forth in this Agreement. Notices shall be effective upon receipt or refusal to accept. Either party may change its address for the purpose of this Agreement by giving written notice of such change to the other party in the manner provided herein.

Written notice and correspondence to the Company shall be addressed as follows:

Northern Indiana Public Service Company LLC
Attn:
801 E. 86th Avenue
Merrillville, Indiana 46410
Facsimile no.
Telephone address
E-mail address

Written notice and correspondence to the Customer shall be addressed as follows:

Customer Name:
Attn:
Address
City, State Zip
Facsimile no.
Telephone address
E-mail address

The parties agree to all terms and conditions set forth above, the Terms and Conditions of Service, and Exhibit A attached hereto. This Agreement shall be in full force and effect when signed by the authorized representatives of both parties.

NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC

By: _____

By: _____

Printed: _____

Printed: _____

Its: _____

Its: _____

TERMS AND CONDITIONS OF SERVICE

1. Customer agrees to notify the Company prior to any significant changes in its electric requirements.
2. If the service is not commenced by Customer on the date specified in this Agreement, the term of this Agreement shall be extended for a period of time equal to the period between the date specified herein for commencement of service and the date upon which Customer commenced taking service under this Agreement.
3. All wiring and other electric equipment installed by Customer shall be maintained by Customer at all times in conformity with the requirements of National Board of Fire Underwriters, National Electric Code, National Electric Safety Code and local laws and regulations, if applicable. An inspector from the Company shall be permitted to inspect Customer's wiring and apparatus and the Company may transmit its recommendations in connection with any inspections to Customer, but nothing herein shall be construed to mean that the Company shall be required to inspect or examine, or in any way be responsible for the conditions of the conduits, pipes, wires or appliances on Customer's premises.
4. Customer agrees that the Company's provision of service under this Agreement is subject to the rules and regulations of North American Electric Reliability Council ("NERC"), *ReliabilityFirst* Corporation regional reliability council ("RFC") and Midcontinent Independent System Operator, Inc. ("MISO") or any successor organizations. Customer understands that NERC, RFC and MISO or their successors may allocate charges for noncompliance with their rules and regulations (see, by way of example and not limitation, NERC Policy 1, Section E, Performance Standard). Upon approval by the Indiana Utility Regulatory Commission, the rates paid by Customer pursuant to this Agreement may be subject to adjustments for any charges Company is assessed by NERC, RFC or MISO or any agency having jurisdiction relative to existing or future control performance criteria arising from the acts or omissions of Customer. Customer shall use its best efforts to minimize these charges and their impact on Customer and the Company.
5. The Company and Customer shall attempt in good faith to resolve all disputes promptly in the normal course of business. In the event a dispute is not resolved in the normal course of business, the Company and Customer shall follow the procedures set forth in the Indiana Utility Regulatory Commission's Rules on Customer Complaints (170 IAC 16-1-1 *et seq.*).
6. This Agreement shall inure to the benefit of and be binding upon the successors and assigns of the parties. This Agreement shall not be assigned by either party without the written consent of the other party, which consent shall not be withheld unreasonably. Any assignment by one party to this Agreement shall not release that party of its financial obligations hereunder unless the other party to this Agreement consents to such release in writing.

EXHIBIT A
TO
AGREEMENT FOR ELECTRIC SERVICE
Rates 824/825/830/831/844 & Rider 876

[INSERT TERMS REGARDING ADDITIONAL FACILITIES NEEDED, INTERCONNECTION OR OTHER TERMS
SPECIFIC TO CUSTOMER'S LOCATION]

Summary of NIPSCO LLC Historic Base Period Ended 2017, 2018 Budget Year and 2019 Forward Test Year Billing Determinants

Summary of kWh

Line No.	Rate Schedule	Rate Schedule Description	2017 Actual Billing Determinants	Adjustments (Weather Norm.)	Adjustments (Large Customer Migration)	2017 Normalized Billing Determinants	Increase/ (Decrease)	2018 Budget Billing Determinants	Increase/ (Decrease)	2019 Budget Billing Determinants	Customer Migrations and Annualizations	Weather Normalization Rate Making	Forecast Adjustment	2019 Projected Billing Determinants	Rate Making Adjustments		
															DSM Lost Margins	Industrial Fuel New Structure	2019 Rate Design
															(N)	(O)	(P)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)		
				[B+C+D]	[G-E]		[I-G]					[J+K+L]			[M+N+O]		
1	Rate 711	Residential Service	3,293,589,389	38,430,444		3,332,019,833	70,701,783	3,402,368,687	9,304,896	3,411,673,583	-	(5,376,804)	-	3,406,296,778	53,725,994		3,460,022,773
2	Rate 720	Commercial and General Service - Heat Pump	10,500,959	-		10,500,959	(301,259)	10,199,700	103,504	10,303,204	(2,682)	-	-	10,300,522	268,671		10,569,193
3	Rate 721	General Service - Small	1,531,810,132	-		1,531,810,132	(16,934,857)	1,524,441,249	13,969,481	1,538,410,730	5,257,485	(2,123,333)	-	1,543,668,215	40,007,516		1,583,675,731
4	Rate 722	Commercial Spaceheating	11,045,267	-		11,045,267	426,762	11,472,028	115,952	11,587,981	-	-	-	11,587,981	302,230		11,890,211
5	Rate 723	General Service - Medium	1,284,391,894	-		1,284,391,894	104,129,378	1,393,175,226	10,536,689	1,403,711,915	(17,496,606)	(1,100,439)	-	1,385,114,870	36,202,080		1,421,316,950
		Thermal Storage	461,457	-		461,457	2,012,929	2,474,386	25,310	2,499,695	-	-	-	2,499,695	-		2,499,695
6	Rate 724	General Service - Large															-
		First 30,000 kWh	164,018,603		(300,000)	163,718,603	(4,473,960)	159,244,643	887,732	160,132,375	(1,150,208)	-	-	158,982,167	37,532,463		196,514,629
		Next 70,000 kWh	351,159,328		(700,000)	350,459,328	(6,551,502)	343,907,826	1,892,411	345,800,236	(5,291,445)	-	-	340,508,791	-		340,508,791
		Next 900,000 kWh	1,103,665,299		(9,000,000)	1,094,665,299	109,091,713	1,203,757,011	5,121,028	1,208,878,039	(14,851,678)	-	-	1,194,026,361	-		1,194,026,361
		Over 1,000,000 kWh	227,387,512	2,949,685	(28,734,860)	201,602,337	101,284,080	302,886,417	1,033,847	303,920,264	(3,987,368)	(562,794)	-	299,370,102	-		299,370,102
		Thermal Storage	850,366			850,366	4,229,214	5,079,580	52,017	5,131,597	-	-	-	5,131,597	-		5,131,597
7	Rate 725	Metal Melting Service	90,506,366			90,506,366	3,612,301	94,118,668	-	94,118,668	-	-	-	94,118,668	572,747		94,691,415
8	Rate 726	Off-Peak Service	1,164,487,526	-		1,164,487,526	(211,007,278)	984,216,553	4,769,517	988,986,070	34,967,461	(414,083)	-	1,023,539,449	18,643,991		1,042,183,440
9	Rate 732	Industrial Power Service															-
		First 450 hours x kW	2,133,324,206		4,861,640	2,138,185,846	(256,379,356)	1,881,806,490	-	1,881,806,490	-	-	-	1,881,806,490			
		Next 50 hours x kW	48,491,576		-	48,491,576	(45,833,751)	2,657,825	-	2,657,825	-	-	-	2,657,825			
		Over 500 hours x kW	14,809,272		-	14,809,272	(10,434,872)	4,374,400	-	4,374,400	-	-	-	4,374,400			
		Total	2,196,625,054		4,861,640	2,201,486,694	(312,647,978)	1,888,838,716	-	1,888,838,716	-	-	-	1,888,838,716		(1,023,783,352)	865,055,363
10	Rate 733	High Load Factor Industrial Power Service															
		600 hours x kW	2,465,589,327		6,688,000	2,472,277,327	48,276,222	2,520,553,549	-	2,520,553,549	(1,080,000,000)	-	-	1,440,553,549			
		Next 60 hours x kW	123,364,997		-	123,364,997	19,114,617	142,479,614	-	142,479,614	(106,746,704)	-	-	35,732,910			
		Over 660 hours x kW	51,728,068		-	51,728,068	1,625,555	53,353,623	-	53,353,623	(35,896,402)	-	-	17,457,221			
		Total	2,640,682,392		6,688,000	2,647,370,392	69,016,394	2,716,386,786	-	2,716,386,786	(1,222,643,106)	-	-	1,493,743,681		(427,901,866)	1,065,841,814
11	Rate 734	Industrial Power Service for Air Separation & Hydrogen Production Market Customers															
		Energy used in hours where demand < Contract Demand	1,962,271,226			1,962,271,226	8,728,774	1,971,000,000	-	1,971,000,000	-	-	-	1,971,000,000			
		Energy used in hours where demand > Contract Demand up to 225,000 kW	-			-	-	-	-	-	-	-	-	-			
		Energy used in any hour above 225,000 kW	372,880,287			372,880,287	(181,585,086)	191,295,201	-	191,295,201	-	-	-	191,295,201			
		Total	2,335,151,513		-	2,335,151,513	(172,856,312)	2,162,295,201	-	2,162,295,201	-	-	-	2,162,295,201		(1,794,322,641)	367,972,560
12	New Rate																
13	Rate 741	Municipal Power	31,256,890			31,256,890	(3,209,060)	28,047,830	91,949	28,139,780	-	-	-	28,139,780	614,123		28,753,902
14	Rate 742	Intermittent Wastewater Pumping															-
	Pump Charge	Residential	40,136			40,136	(768)	39,368	395	39,763			256	40,019			40,019
	Pump Charge	Commercial	2,363			2,363	(45)	2,318	23	2,341			121	2,462			2,462
15	Rate 744	Railroad Power Service															-
		First 660 hours x kW	20,035,750			20,035,750	964,250	21,000,000	-	21,000,000				21,000,000	456,529		21,456,529
		Over 660 hours x kW	-			-	-	-	-	-				-			-
16	Rate 750	Street Lighting	43,452,213			43,276,135	18,912,626	62,188,761	(62,188,761)	-			3,373,776	3,373,776			3,373,776
17	Rate 755	Traffic and Directive Lighting	6,934,073			6,934,073	(6,934,073)	-	-	-			6,323,787	6,323,787			6,323,787
18	Rate 760	Dusk to Dawn Area Lighting	14,282,194			14,282,194	(14,282,194)	-	-	-			14,802,974	14,802,974			14,802,974
19	Interdepartmental	Interdepartmental	27,384,964			27,384,964	(1,850,444)	25,534,520		25,534,520				25,534,520			25,534,520

NIPSCO Miscellaneous Charges Calculation

2018 Electric Rate Case

Historic Test Year 1/1/17-12/31/17

Forward Test Year 1/1/19-12/31/19

	(A)	(B)	(C)	(D) [B + C]
Line No.	Year	Reconnect Fee	Trip Charge	Total Cost
1	2019	\$ 739,260	\$ 68,860	\$ 808,120
2	2017	\$ 574,980	\$ 50,080	\$ 625,060
3 (Line 1 - Line 2)	Difference	\$ 164,280	\$ 18,780	\$ 183,060
		[.2]	[.3]	

Reconciliation of Other Revenues

	FTY
Transmission	\$ 14,199,538
Forfeited Discounts	\$ 4,017,218
Miscellaneous Service Revenue	\$ 1,098,246
Rent Revenue	\$ 2,400,000
Other Revenue	\$ 225,648
	\$ 21,940,650
Incremental Trip Charges	\$ 18,780 [.3]
Incremental Reconnect Charges	\$ 164,280 [.2]
	\$ 22,123,710

NIPSCO Miscellaneous Charges Calculation

2018 Electric Rate Case

Historic Test Year 1/1/17-12/31/17

Forward Test Year 1/1/19-12/31/19

Page [.2]

(A) (B) (C) (D)
[B * C]

Line No.		# of Trips	Cost per Trip	Total Cost	
1	Reconnect Fee 2019	8,214	\$ 90.00	\$ 739,260	[.4]
2	Reconnect Fee 2017	8,214	\$ 70.00	\$ 574,980	[.4]
3 (Line 1 - Line 2)	Difference			\$ 164,280	[.1]

NIPSCO Miscellaneous Charges Calculation

2018 Electric Rate Case

Historic Test Year 1/1/17-12/31/17

Forward Test Year 1/1/19-12/31/19

Page [.3]

(A) (B) (C) (D)
[B * C]

Line No.		# of Trips	Cost per Trip	Total Cost	
1	Trip Charge 2019	1,252	\$ 55.00	\$ 68,860	[.4]
2	Trip Charge 2017	1,252	\$ 40.00	\$ 50,080	[.4]
3 (Line 1 - Line 2)	Difference			\$ 18,780	[.1]

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

HISTORICAL TRIP CHARGES SUMMARY

<u>Charge Type</u>	<u>Jan17-Dec17</u>	<u>Percent of Total</u>	<u># of Trips</u>
Trip Charge	\$ 34,690.00	5.62%	750 [.3]
Return Trip Charge	\$ 19,320.00	3.13%	502 [.3]
Reconnect Charge	\$ 563,194.70	91.25%	8,214 [.2]
Totals	<u>\$ 617,204.70</u>	<u>100.00%</u>	<u>9,466</u>

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

	Total Cost Per Trip	After Hours	Sundays
Disconnect/Reconnect At the Meter	\$ 92.07	\$ 106.79	\$ 121.50
Proposed Rates	\$ 90.00	\$ 110.00	\$ 130.00
Current 2018 Electric Tariff	\$ 70.00	\$ 85.00	\$ 100.00
Current 2018 Gas Tariff	\$ 90.00	\$ 110.00	\$ 130.00
	[.6]	[.6]	[.6]

	Total Cost Per Trip	After Hours	Sundays
Trip Charges	\$ 62.89	\$ 82.16	n/a
Proposed Rates	\$ 55.00	\$ 75.00	n/a
Current 2018 Electric Tariff	\$ 40.00	\$ 55.00	n/a
Current 2018 Gas Tariff	\$ 55.00	\$ 75.00	n/a
	[.7]	[.7]	

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

Reconnection Fee

Line No.		(A)	(B)	(C) [A * B]	(D)	(E) [C + D]	(F)	(G) [E / F], or [E]	(H)	(I)	
Line No.		Annual Direct Cost	Overhead	Total Payroll w/OH	Total Truck	Total Cost	Annual Activity Level	Total Cost Per Trip	After Hours	Sundays	
1	Revenue Recovery per SONP	\$ 914,624	1.3526	\$ 1,237,153		\$ 1,237,153	209,094	\$ 5.92	\$ 5.92	\$ 5.92	
2	Call Ahead per call	\$ 8,134	N/A	\$ 8,134		\$ 8,134	21,691	\$ 0.38	\$ 0.38	\$ 0.38	
3	CCC per credit call	\$ 3,375,407	1.3526	\$ 4,565,693		\$ 4,565,693	454,536	\$ 10.04	\$ 10.04	\$ 10.04	
4	Central Operations - SONP-TONP orders	\$ 396,044	1.3526	\$ 535,703		\$ 535,703	70,081	\$ 7.64	\$ 7.64	\$ 7.64	
	Field Op. SONP										
5	Travel Time – Truck & Serviceman	SP = \$35.24/Hr									
6		T = \$8.93/Hr									
7		TT = 15.0 Min									
8		Total = \$ 11.04	1.3526	\$ 11.92	\$ 2.23	\$ 14.15	N/A	\$ 14.15	\$ 14.15	\$ 14.15	
9	Work Time – Truck & Serviceman @ the meter	SP = \$35.24/Hr									
10		T = \$8.93/Hr									
11		WT = 20.2 Min									
12		Total = \$ 14.84	1.3526	\$ 16.01	\$ 3.00	\$ 19.01	N/A	\$ 19.01	\$ 19.01	\$ 19.01	
	Field Op. TONP										
13	Travel Time – Truck & Serviceman	SP = \$35.24/Hr									
14		T = \$8.93/Hr									
15		TT = 20.3 Min									
16		Total = \$ 14.97	1.3526	\$ 16.16	\$ 3.03	\$ 19.18	N/A	\$ 19.18	\$ 27.26	\$ 35.34	
17											
18	Work Time – Truck & Serviceman @ the meter	SP = \$35.24/Hr									
19		T = \$8.93/Hr									
20		WT = 16.7 Min									
21		Total = \$ 12.29	1.3526	\$ 13.27	\$ 2.48	\$ 15.75	N/A	\$ 15.75	\$ 22.38	\$ 29.02	
		[.10] [.11]	[.8]				[.10]				
22	WT	Work Time						Total Cost Per Trip	After Hours	Sundays	
23	TT	Travel Time						\$ 92.07	\$ 106.79	\$ 121.50	
24	SP	Service Person						Proposed Rates	\$ 90.00	\$ 110.00	\$ 130.00
25	T	Truck						Current 2018 Electric Tariff	\$ 70.00	\$ 85.00	\$ 100.00
26								[.5]	[.5]	[.5]	

[((Line 14)*0.5 * [Line 16]/60) * (B) + (G)]

[((Line 18)*0.5 * [Line 20]/60) * (B) + (G)]

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

Trip Charge

Line No.		(A)	(B)	(C) [A * B]	(D)	(E) [C + D]	(F)	(G) [E / F], or [E]	(H)
		Annual Direct Cost	Overhead	Total Payroll w/OH	Total Truck	Total Cost	Annual Activity Level	Total Cost Per Trip	After Hours
1	CCC per customer call	\$9,299	1.3526	\$ 12,577.56		\$ 12,577.56	1,252	\$ 10.05	\$ 10.05
2	Work Management Center (WMC) - Trip orders	\$6,553	1.3526	\$ 8,863.69		\$ 8,863.69	1,252	\$ 7.08	\$ 7.08
3	Field Op Trip								
4	Travel Time – Truck & Serviceman	SP = \$35.24/Hr							
5		T = \$8.93/Hr							
6		TT = 20.9 Min							
7		Total = \$15.39	1.3526	\$ 16.60	\$ 3.11	\$ 19.71	N/A	\$ 19.71	\$ 28.02 [((Line 4)*0.5 * [Line 6]/60) * (B) + (G)]
8	Work Time – Truck & Serviceman	SP = \$35.24/Hr							
9		T = \$8.93/Hr							
10		WT = 27.6 Min							
11		Total = \$20.33	1.3526	\$ 21.94	\$ 4.11	\$ 26.05	N/A	\$ 26.05	\$ 37.02 [((Line 8)*0.5 * [Line 10]/60) * (B) + (G)]
		[.9] [.12]	[.8]			[.9]			
12		WT Work Time						Total Cost Per Trip	After Hours
13		TT Travel Time						\$ 62.89	\$ 82.16
14		SP Service Person						\$ 55.00	\$ 75.00
15		T Truck						\$ 40.00	\$ 55.00
16								[.5]	[.5]

Trip Charges	Total Cost Per Trip	After Hours
	\$ 62.89	\$ 82.16
Proposed Rates	\$ 55.00	\$ 75.00
Current 2018 Electric Tariff	\$ 40.00	\$ 55.00

NIPSCO Miscellaneous Charges Calculation

2018 Electric Rate Case

Historic Test Year 1/1/17-12/31/17

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PAYROLL OVERHEAD CALCULATIONS

<u>Payroll Overhead Rate</u>	<u>from 2018 ERC PR OH Rate</u>	
Benefits Cost	21.61%	
Payroll Taxes	7.65%	
Bargaining Unit Bonuses	6.00%	
Total	<u>35.26%</u>	[.6] [.7] [.9]

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

TRIP CHARGE CALCULATIONS

Charge Type	Jan17-Dec17	Percent of Total	# of Trips		
Trip Charge	\$ 34,690.00 [.13]	5.62% [.13]	750 [.13]		
Return Trip Charge	\$ 19,320.00 [.13]	3.13% [.13]	502 [.13]		
Reconnect Charge	\$ 563,194.70 [.13]	91.25% [.13]			
Totals	\$ 617,204.70	100.00%	1,252 [.7]		

Number of Orders	Total Calls / Orders	Trip Charge Calls / Orders	Percent of Total		
CCC	1,376,378 [.10]	1,252	0.090963%		
WMC/Central Ops	362,105 [.10]	1,252	0.345756%		

Annual Direct Labor	Total Labor	Percent of Total	Trip Charge Labor		
CCC	\$ 10,222,311 [.10]	0.090963%	\$ 9,298.56 [.7]		
WMC/Central Ops	\$ 1,895,240 [.10]	0.345756%	\$ 6,552.91 [.7]		
Total	\$12,117,551	0.130814%	\$ 15,851.47		

Labor per Call / Order w/o OH	Trip Charge Labor	Trip Charge Calls / Orders	Labor per Call / Order	Payroll OH Rate	Labor per Call / Order w/ PR OH
CCC	\$ 9,298.56	1,252	\$ 7.43	1.3526 [.8]	\$ 10.05
WMC/Central Ops	\$ 6,552.91	1,252	\$ 5.23	1.3526 [.8]	\$ 7.08
Total	\$ 15,851.47		\$ 12.66		\$ 17.13

NIPSCO Miscellaneous Charges Calculation

2018 Electric Rate Case

Historic Test Year 1/1/17-12/31/17

SONP/TONP COSTS WORKSHEET

Revenue Recovery

\$	1,532,508		O&M
\$	8,134		less Call Aheads
\$	1,524,374		
	60%		Related to SONP / TONP work activities
\$	914,624.42	[.6]	
	209,094	[.6]	SONP Orders generated
	\$4.37		Cost per SONP

Call Ahead

	\$	8,134	[.6]	Cost of calls
/		21,691	[.6]	Number of calls
=		\$0.38		Cost per call

CCC

				<u>SONP / TONP</u>	<u>Total Calls</u>
\$	10,222,311	[.10]	Labor		
	33.02%		Credit calls = 454,536 of the total 1,376,378 calls	454,536	1,376,378
\$	3,375,407	[.6]			[.9]
	454,536	[.6]	# Credit calls from above period		
	\$7.43		Cost per call		

Dispatch & ESSO

	\$	1,895,240	[.10]	LABOR Dispatch		
		13.85%	[.10]	SONP/TONPs Dispatch = 50,139 / 362,105 total orders	50,139	362,105
		262,426				[.9]
\$	2,426,188		LABOR ESSO Dispatch Only			
	5.51%		SONP/TONPs ESSO = 19,942 / 362,105 total orders	19,942	362,105	
	133,619					
\$	396,044	[.6]	Total WMC & ESSO related to collection work (SONPs/TONPs)			
	70,081	[.6]	Total Collection orders			
\$	5.65		Cost per order			

NIPSCO Miscellaneous Charges Calculation

2018 Electric Rate Case

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Historic Test Year 1/1/17-12/31/17

LABOR RATES

Field Operations

Serviceperson Hourly Rate (Blended Rate)

<u>Meter Reader Classification</u>	<u>2017</u> <u>Hourly</u> <u>Rate</u>	<u>2018</u> <u>Hourly</u> <u>Rate</u>	<u>2019</u> <u>Hourly</u> <u>Rate</u>
Entry Rate	\$20.80	\$12.53	\$22.28
12 Months	\$23.41	\$24.23	\$25.08
24 Months	\$26.01	\$26.92	\$27.86
36 Months	\$28.60	\$29.60	\$30.64
48 Months	\$31.20	\$32.29	\$33.42
Average	\$26.00	\$25.11	\$27.86
Electric Metermen	36.97	38.26	39.60
Gas Servicemen	37.67	38.99	40.35
Electric Linemen	40.30	41.71	43.17
Average of Meter Reader, Linemen & Servicemen	<u>\$35.24</u>	<u>\$36.02</u>	<u>\$37.74</u>
	[.6] [.7]		

TRUCK RATES

<u>Truck Rate</u>	<u>Hourly Rate</u>
Chevy ExpressVan	\$ 5.55
F250	\$ 9.83
F350	\$ 7.53
F450	\$ 8.38
F550	\$ 13.34
Average of Serviceman trucks	<u>\$ 8.93</u>
	[.6] [.7]

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

Reconnect Fee Times

2017

"ELECTRIC" Rate Case" 1/1/17-12/31/17	AVERAGE TRAVEL TIME (HH:MM:SS)	AVERAGE WORK TIME (HH:MM:SS)
CHECK AND FINAL	0:17:37	0:16:35
SONP ELECTRIC METER SMALL	0:14:49	0:23:20
SONP POLE	0:08:06	0:04:59
SONP ELECTRIC METER LARGE	0:07:48	0:16:03
TONP ELECTRIC METER LARGE	0:23:27	0:18:54
TONP ELECTRIC METER SMALL	0:17:14	0:14:30
TONP POLE	0:16:24	0:10:46
SONP 1ST METER	0:19:46	0:24:40

	SONP at Meter	TONP at Meter	SONP / TONP at Pole
	X		
	X		
			X
	X		
		X	
		X	
			X
	X		
Avg Travel Time	0:15:00	0:20:20	0:12:15
Avg Work Time	0:20:10	0:16:42	0:07:52

	Avg. Travel Time (mins.)	Avg. Work Time (mins.)	Total Time (mins.)
At the Meter - SONP			
SONP Electric Meter Small	14.8167	23.3333	38.1500
SONP Electric Meter Large	7.8000	16.0500	23.8500
SONP 1st Meter	19.7667	24.6667	44.4333
Check and Final	17.6167	16.5833	34.2000
Average at the Meter	15.0000	20.1583	35.1583

[.6]

	Avg. Travel Time (mins.)	Avg. Work Time (mins.)	Total Time (mins.)
At the Meter - TONP			
TONP Electric Meter Small	17.2333	14.5000	31.7333
TONP Electric Meter Large	23.4500	18.9000	42.3500
Average at the Meter	20.3417	16.7000	37.0417

[.6]

	Avg. Travel Time (mins.)	Avg. Work Time (mins.)	Total Time (mins.)
At the Pole - SONP			
SONP Pole	8.1000	4.9833	13.0833
Average at the Pole	8.1000	4.9833	13.0833

[.6]

	Avg. Travel Time (mins.)	Avg. Work Time (mins.)	Total Time (mins.)
At the Pole - TONP			
TONP Pole	16.4000	10.7667	27.1667
Average at the Pole	16.4000	10.7667	27.1667

[.6]

	Avg. Travel Time (mins.)	Avg. Work Time (mins.)	Total Time (mins.)
At the Pole with an Easement*			
SONP Pole with an Easement	30.0000	45.0000	75.0000
TONP Pole with an Easement	30.0000	45.0000	75.0000

* (Estimated; not in CAD System)

Trip Charge Times

AVERAGE WORK & TRAVEL TIMES RELATED TO POSSIBLE TRIP CHARGES

	AVERAGE TRAVEL TIME (HH:MM:SS)	AVERAGE WORK TIME (HH:MM:SS)	# of Orders
SHUT OFF ELECTRIC - SMALL	0:24:07	0:18:20	18,041
SHUT OFF ELECTRIC - LARGE	0:15:57	0:22:23	1,101
TURN ON ELECTRIC - SMALL	0:20:32	0:38:26	19,731
TURN ON ELECTRIC - LARGE	0:19:22	0:19:37	676
INVESTIGATE WHAT MTR SERVES- ELECT	0:16:28	0:25:15	1,592
HI BILL INVESTIGATE - ELECTRIC	0:16:16	0:32:39	1,269
EXCHANGE ELECTRIC METER - SMALL	0:09:13	0:13:58	2,063
EXCHANGE ELECTRIC METER - LARGE	0:10:59	0:15:09	720
Totals			5,644

	Average Travel Time	Average Work Time	Total Time
	24.1	18.3	42.5
	16.0	22.4	38.3
	20.5	38.4	59.0
	19.4	19.6	39.0
	16.5	25.3	41.7
	16.3	32.7	48.9
	9.2	14.0	23.2
	11.0	15.2	26.1
Average	16.6	23.2	39.8

Weighted Average

TRIP CHARGE TIME SUMMARY

	2017 Travel Time	2017 Work Time	2017 Total Time
of Orders			
	18,041	330,752	765,840
	1,101	24,644	42,205
	19,731	758,328	1,163,471
	676	13,261	26,353
	1,592	40,198	66,413
	1,269	41,433	62,075
	2,063	28,813	47,827
	720	10,908	18,816
	45,193	1,248,337	2,193,001

[.7]

20.9 27.6 48.5

[.7] [.7]

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

HISTORICAL TRIP CHARGES SUMMARY

Charge Type	Jan17-Dec17	Percent of Total	# of Trips
Trip Charge	\$ 34,690.00 [.6]	5.62% [.6]	750 [.6]
Return Trip Charge	\$ 19,320.00 [.6]	3.13% [.6]	502 [.6]
Reconnect Charge	\$ 563,194.70 [.6]	91.25% [.6]	8,214 [.6]
Totals	\$ 617,204.70	100.00%	9,466

Average Hourly Rates

Trip Charge	\$ 46.25
Return Trip Charge	\$ 38.49
Reconnect Charge	\$ 68.57

Charges and Credits	Jan 17	Feb 17	Mar 17	Apr 17	May 17	June 17	July 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17
Trip	\$ 2,915.00	\$ 2,970.00	\$ 2,915.00	\$ 2,145.00	\$ 2,255.00	\$ 2,915.00	\$ 2,750.00	\$ 2,310.00	\$ 3,835.00	\$ 3,740.00	\$ 3,850.00	\$ 2,090.00
Can't Get In (CGI)	\$ 1,400.00	\$ 1,480.00	\$ 1,920.00	\$ 1,120.00	\$ 1,360.00	\$ 2,400.00	\$ 1,360.00	\$ 2,480.00	\$ 1,600.00	\$ 1,800.00	\$ 1,480.00	\$ 920.00
Reconnection	\$ 51,754.77	\$ 72,441.71	\$ 60,394.51	\$ 38,697.42	\$ 46,923.93	\$ 44,850.92	\$ 35,832.36	\$ 59,098.97	\$ 37,088.32	\$ 50,597.21	\$ 40,450.14	\$ 25,064.44
TOTAL	\$ 56,069.77	\$ 76,891.71	\$ 65,229.51	\$ 41,962.42	\$ 50,538.93	\$ 50,165.92	\$ 39,942.36	\$ 63,888.97	\$ 42,523.32	\$ 56,137.21	\$ 45,780.14	\$ 28,074.44

Number of Trips	Jan 17	Feb 17	Mar 17	Apr 17	May 17	June 17	July 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17
Trip	79	76	75	63	59	69	80	58	80	82	92	56
Can't Get In (CGI)	35	37	52	30	40	64	36	64	48	47	41	27
Reconnection	784	1,107	896	602	713	682	563	883	554	765	605	406
TOTAL	898	1,220	1,023	695	812	815	679	1,005	682	894	738	489

NIPSCO Miscellaneous Charges Calculation
2018 Electric Rate Case
Historic Test Year 1/1/17-12/31/17

FINAR	YEAR	MONTH	COUNT	AMOUNT	RATE
CGICH	2017	1	35	\$ 1,400.00	\$ 40.00
RECCH	2017	1	754	\$53,899.77	\$ 71.49
RECCR	2017	1	30	\$ (2,145.00)	\$ (71.50)
TRPCH	2017	1	66	\$ 3,630.00	\$ 55.00
TRPCR	2017	1	13	\$ (715.00)	\$ (55.00)

Petitioner's Exhibit No. 19
Confidential Attachment 19-E (Redacted)

Tracker Allocators
2018 Electric Rate Case
Demand Allocation

<u>Line</u>	<u>Description</u>	<u>Rate Class</u>	<u>Demand Allocators - Total Revenue</u>	<u>Rate 831 Tier 1 Adjustment</u>	<u>Revised Revenue</u>	<u>Resulting % Allocation on Revenue"</u>
1	Residential	Rate 811	\$ 532,731,725.02		\$ 532,731,725.02	35.22%
2	C&GS Heat Pump	Rate 820	\$ 957,382.85		\$ 957,382.85	0.06%
3	GS Small	Rate 821	\$ 257,556,194.17		\$ 257,556,194.17	17.03%
4	Comml SH	Rate 822	\$ 1,269,184.59		\$ 1,269,184.59	0.08%
5	GS Medium	Rate 823	\$ 190,621,337.72		\$ 190,621,337.72	12.60%
6	GS Large	Rate 824	\$ 230,222,338.68		\$ 230,222,338.68	15.22%
7	Metal Melting	Rate 825	\$ 7,621,398.26		\$ 7,621,398.26	0.50%
8	Off-Peak Serv.	Rate 826	\$ 102,713,934.02		\$ 102,713,934.02	6.79%
9	Industrial Power Service - Small	Rate 830	\$ 46,894,071.60		\$ 46,894,071.60	3.10%
10	Industrial Power Service - Large	Rate 831				
11	Tier 1	Tier 1	\$ 151,823,073.10	\$ (33,163,140.27)	\$ 118,659,932.83	7.84%
12	Muni. Power	Rate 841	\$ 3,668,523.76		\$ 3,668,523.76	0.24%
13	Int WW Pumping	Rate 842	\$ 116,446.60		\$ 116,446.60	0.01%
14	Railroad	Rate 844	\$ 2,464,599.73		\$ 2,464,599.73	0.16%
15	Street Lighting	Rate 850	\$ 8,276,648.31		\$ 8,276,648.31	0.55%
16	Traffic Lighting	Rate 855	\$ 954,241.70		\$ 954,241.70	0.06%
17	Dusk to Dawn Lighting	Rate 860	\$ 2,740,589.07		\$ 2,740,589.07	0.18%
18		Interdepartmental	\$ 5,183,499.33		\$ 5,183,499.33	0.34%
19	System Total		\$ 1,545,815,189		\$ 1,512,652,048	100.00%

Tracker Allocators
2018 Electric Rate Case
Demand Allocation Support

Rate 831

Line No.	Description	Billing Determinants (kWh, kW)	Proposed Rate	Revenue	Total Revenue	Tier 1 Revenue
	Billed kW					
1	Firm Contract Demand	2,214,672	\$ 24.37	\$ 53,960,700	\$ 53,960,700	\$ 53,960,700
2						
3	Total kW	2,214,672		\$ 53,960,700	\$ 53,960,700	
	Energy Charge					
4	Variable O&M	1,598,370,613	\$ 0.003213	\$ 5,134,850	\$ 5,134,850	\$ 5,134,850
5	Fuel	1,598,370,613	\$ 0.026405	\$ 42,204,769	\$ 42,204,769	\$ 42,204,769
6	Transmission Charge	4,881,399,583	\$ 0.009155	\$ 44,690,326	\$ 44,690,326	\$ 14,592,481
	Adjacent Qualifying Facility Premise					
7	Transmission Charge	1,236,346,843	\$ 0.002747	\$ 3,395,711	\$ 3,395,711	\$ 12,290
8	Transmission Charge Subtotal	6,117,746,426		48,086,037		
9	Total Energy Charge			\$ 95,425,657	\$ 95,425,657	\$ 115,905,090
10	Other Revenue					\$ 2,754,842
	Discounts - Billed kW					
11	Lagging RKVA Discount	(935,664)	\$ 0.34	\$ (318,126)	\$ (318,126)	
12	Total Discount	(935,664)		\$ (318,126)	\$ (318,126)	
13	Industrial Power Service - Large (Rate 831)			\$ 149,068,231	\$ 149,068,231	\$ 149,068,231
14	Other Revenue / Rate 831 Tier 1 Adjustment				\$ 2,754,842	\$ 33,163,140
15	Total				\$ 151,823,073	
					%	
				4,881,399,583	99.72%	
			1,222,643,106	13,703,737	0.28%	
				4,895,103,320		

Description	Rates	Demand Allocators - Total Revenue	Rate 831 Tier 1 Adjustment	Revised Revenue	Resulting % Allocation on Revenue"
Residential	Rate 811	\$ 532,731,725.02		\$ 532,731,725.02	35.22%
C&GS Heat Pump	Rate 820	\$ 957,382.85		\$ 957,382.85	0.06%
GS Small	Rate 821	\$ 257,556,194.17		\$ 257,556,194.17	17.03%
Comm SH	Rate 822	\$ 1,269,184.59		\$ 1,269,184.59	0.08%
GS Medium	Rate 823	\$ 190,621,337.72		\$ 190,621,337.72	12.60%
GS Large	Rate 824	\$ 230,222,338.68		\$ 230,222,338.68	15.22%
Metal Melting	Rate 825	\$ 7,621,398.26		\$ 7,621,398.26	0.50%
Off-Peak Serv.	Rate 826	\$ 102,713,934.02		\$ 102,713,934.02	6.79%
Industrial Power Service - Small	Rate 830	\$ 46,894,071.60		\$ 46,894,071.60	3.10%
Industrial Power Service - Large	Rate 831				0.00%
Tier 1	Tier 1	\$ 151,823,073.10	\$ (33,163,140.27)	\$ 118,659,932.83	7.84%
Muni. Power	Rate 841	\$ 3,668,523.76		\$ 3,668,523.76	0.24%
Int WW Pumping	Rate 842	\$ 116,446.60		\$ 116,446.60	0.01%
Railroad	Rate 844	\$ 2,464,599.73		\$ 2,464,599.73	0.16%
Street Lighting	Rate 850	\$ 8,276,648.31		\$ 8,276,648.31	0.55%
Traffic Lighting	Rate 855	\$ 954,241.70		\$ 954,241.70	0.06%
Dusk to Dawn Lighting	Rate 860	\$ 2,740,589.07		\$ 2,740,589.07	0.18%
	Interdepart	\$ 5,183,499.33		\$ 5,183,499.33	0.34%
System Total		\$ 1,545,815,189		\$ 1,512,652,048	100.00%

Tracker Allocators
2018 Electric Rate Case
Energy Allocation

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<u>Line</u>	<u>Description</u>	<u>Rate Class</u>	<u>MWH at the Source</u>	<u>% Allocation on Sales</u>
1	Residential	Rate 811	3,574,056	28.71%
2	C&GS Heat Pump	Rate 820	10,915	0.09%
3	GS Small	Rate 821	1,633,081	13.12%
4	Comml SH	Rate 822	12,282	0.10%
5	GS Medium	Rate 823	1,468,435	11.80%
6	GS Large	Rate 824	2,094,167	16.82%
7	Metal Melting	Rate 825	97,218	0.78%
8	Off-Peak Serv.	Rate 826	1,072,189	8.61%
9	Industrial Power Service - Small	Rate 830	714,311	5.74%
10	Industrial Power Service - Large	Rate 831		
		Tier 1	1,628,395	13.08%
		Tier 2	0	0.00%
11	Muni. Power	Rate 841	29,678	0.24%
12	Int WW Pumping	Rate 842	355	0.00%
13	Railroad	Rate 844	21,905	0.18%
14	Street Lighting	Rate 850	42,843	0.34%
15	Traffic Lighting	Rate 855	6,532	0.05%
16	Dusk to Dawn Lighting	Rate 860	15,291	0.12%
17		Interdepartmental	26,376	0.21%
18	System Total		12,448,029	100%

**Transmission and Distribution
Revenue Requirement Allocation**

*For purposes of recovering approved capital TDSIC expenditures and costs pursuant to I.C. 8-1-39-9(a), the following class allocation factor percentages shall be applied to the respective distribution- or transmission-related revenue requirement and then the resulting TDSIC charge factors (per kWh) applied to each customer's firm (or non-interruptible) load within that class:

<u>Line</u>	<u>Description</u>	<u>Rate Class</u>	Transmission Rev. Req. Allocation Factor %	Distribution Rev. Req. Allocation Factor %
1	Residential	Rate 811	35.63%	53.31%
2	C&GS Heat Pump	Rate 820	0.11%	0.19%
3	GS Small	Rate 821	15.53%	17.69%
4	Comml SH	Rate 822	0.12%	0.18%
5	GS Medium	Rate 823	11.35%	9.95%
6	GS Large	Rate 824	14.20%	10.82%
7	Metal Melting	Rate 825	0.47%	0.53%
8	Off-Peak Serv.	Rate 826	8.39%	6.01%
9	Industrial Power Service - Small	Rate 830	4.59%	0.00%
10	Industrial Power Service - Large	Rate 831	8.77%	0.00%
11	Muni. Power	Rate 841	0.24%	0.33%
12	Int WW Pumping	Rate 842	0.00%	0.00%
13	Railroad	Rate 844	0.14%	0.00%
14	Street Lighting	Rate 850	0.07%	0.27%
15	Traffic Lighting	Rate 855	0.04%	0.03%
16	Dusk to Dawn Lighting	Rate 860	0.04%	0.20%
		Interdepartmental	0.30%	0.50%
17	System Total		100.00%	100.00%

Tracker Allocators
2018 Electric Rate Case
TDSIC Allocation Support

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TDISC Allocators

Rate	Trans	Sub Trans	Total	831 Tier 1 Adj	Adj. Total	<u>Transmission</u>
						<u>Rev. Req.</u>
						<u>Allocation</u>
						<u>Factor</u>
Rate 811	\$ 42,060,872	\$ 10,361,390	\$ 52,422,262		\$ 52,422,262	35.63%
Rate 820	\$ 110,942	\$ 48,831	\$ 159,772		\$ 159,772	0.11%
Rate 821	\$ 18,695,631	\$ 4,157,676	\$ 22,853,306		\$ 22,853,306	15.53%
Rate 822	\$ 128,528	\$ 46,300	\$ 174,829		\$ 174,829	0.12%
Rate 823	\$ 14,171,146	\$ 2,526,225	\$ 16,697,372		\$ 16,697,372	11.35%
Rate 824	\$ 17,771,662	\$ 3,125,115	\$ 20,896,777		\$ 20,896,777	14.20%
Rate 825	\$ 492,864	\$ 200,643	\$ 693,507		\$ 693,507	0.47%
Rate 826	\$ 10,552,667	\$ 1,787,482	\$ 12,340,149		\$ 12,340,149	8.39%
Rate 830	\$ 6,258,731	\$ 500,871	\$ 6,759,602		\$ 6,759,602	4.59%
Rate 831	\$ 48,974,257	\$ 413,965	\$ 49,388,222	26.13%	\$ 12,903,556	8.77%
Rate 841	\$ 279,136	\$ 78,678	\$ 357,814		\$ 357,814	0.24%
Rate 842	\$ 2,652	\$ 358	\$ 3,009		\$ 3,009	0.00%
Rate 844	\$ 130,203	\$ 79,015	\$ 209,219		\$ 209,219	0.14%
Rate 850	\$ 40,624	\$ 65,898	\$ 106,522		\$ 106,522	0.07%
Rate 855	\$ 53,692	\$ 7,568	\$ 61,260		\$ 61,260	0.04%
Rate 860	\$ 19,275	\$ 33,558	\$ 52,832		\$ 52,832	0.04%
Interdepartmental	\$ 314,380	\$ 131,044	\$ 445,424		\$ 445,424	0.30%
Total	\$ 160,057,262	\$ 23,564,618	\$ 183,621,880		\$ 147,137,213	100%

Tier 1 Transmission Volumes	\$ 1,598,370,613	26.13%
Total Transmission Volumes'	\$ 6,117,746,426	

Rate	Dist Primary	Dist Secondary	Total	<u>Distribution</u>
				<u>Rev. Req.</u>
				<u>Allocation</u>
				<u>Factor</u>
Rate 811	\$ 82,987,407	\$ 32,865,108	\$ 115,852,515	53.31%
Rate 820	\$ 391,100	\$ 18,744	\$ 409,845	0.19%
Rate 821	\$ 32,807,089	\$ 5,633,690	\$ 38,440,779	17.69%
Rate 822	\$ 370,834	\$ 27,236	\$ 398,070	0.18%
Rate 823	\$ 20,115,992	\$ 1,506,359	\$ 21,622,352	9.95%
Rate 824	\$ 22,821,891	\$ 683,953	\$ 23,505,844	10.82%
Rate 825	\$ 1,124,163	\$ 29,013	\$ 1,153,177	0.53%
Rate 826	\$ 12,641,066	\$ 421,993	\$ 13,063,059	6.01%
Rate 830	\$ -	\$ -	\$ -	0.00%
Rate 831	\$ -	\$ -	\$ -	0.00%
Rate 841	\$ 630,157	\$ 83,994	\$ 714,151	0.33%
Rate 842	\$ 2,864	\$ 787	\$ 3,651	0.00%
Rate 844	\$ -	\$ -	\$ -	0.00%
Rate 850	\$ 527,796	\$ 55,941	\$ 583,737	0.27%
Rate 855	\$ 60,617	\$ 7,206	\$ 67,823	0.03%
Rate 860	\$ 268,773	\$ 162,043	\$ 430,816	0.20%
Interdepartmental	\$ 1,049,574	\$ 33,536	\$ 1,083,109	0.50%
Total	\$ 175,799,322	\$ 41,529,605	\$ 217,328,928	100.00%