

Filed with the Iowa Utilities Board on May 17, 2019, TF-2016-0321 (Revised)

# Interstate Power and Light IPL ELECTRIC TARIFF

Filed with the I.U.B.

~~Fifth-Sixth~~ Revised Sheet No. 42

## ORIGINAL TARIFF NO. 1

Canceling ~~Second-Substitute~~Fifth Revised Sheet No. 42

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### Net Metering Pilot - Renewable Energy Facilities

Rate Code NM

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Customer class average annual load factors shall be used for customers that do not have historic kW demand data in the determination of a customer's load in the calculation of the load limitations for private generation credits. Customer class non-coincident kW demand shall be used in lieu of customer class average annual load factors in the event a customer has not historic kWh usage in the determination of a customer's load in the calculation of the load limitations for private generation credits. The calculation to determine load shall be Customer annual kWh / 8,760 hours / load factor. For example, a residential customer that uses 12,000 kWh annual would have a load calculation as follows:

$$12,000 \text{ kWh} / 8,760 \text{ hours} / \text{17.19\% load factor} = \text{8.067.21 kW.}$$

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Based upon this load calculation a customer can install generation with an AC capacity up to ~~8.067.21~~ per kW and the energy deliveries up to 100 percent of the Customer's alternating current (AC) kW load would be considered the net meter energy kWh. If a customer installs generation capacity greater than ~~8.067.21~~ AC kW, for example 9 kW capacity, then the kWh eligible for net metering would be the pro-rata share of ~~8.067.21~~ kW divided by the 9 kW, or ~~90~~ 80 percent. Energy received by IPL in excess of the ~~90-80~~ percent would be credited on the customer's bill at avoided cost.

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#### Metering Equipment:

The Company will install and provide, at no additional cost to the Facility, metering equipment at the point of service to the Facility capable of measuring power flows in each direction on an hourly or other real-time basis.

The Customer will not incur any additional charges for metering beyond the charges for metering provided in the Customer's applicable rate schedule.

#### Sunset Provision:

This tariff will expire no less than three (3) years from its effective date, and, upon Board approval, may be extended for an additional two (2) years at the time of expiration. If at the end of the three-year study period, the Board determines that these tariff changes should not be incorporated on a permanent basis, the Customers taking service under this tariff shall be allowed to remain on the tariff for the life of their interconnected equipment not to exceed 25 years. Such contracts may be assigned for collateral purposes, or may be assigned by the Company in conjunction with a reorganization, but otherwise shall not be assignable without written consent of the parties. Written consent will not be unreasonably withheld by the Company. Notwithstanding any other provision of this tariff, all rates and charges contained in this tariff may be modified at any time by a subsequent filing made pursuant to the provisions of Chapter 476 of the Code of Iowa.

#### Billing and Payment:

Billing by IPL shall be rendered monthly. The term "monthly" for billing purposes hereunder shall mean the period between any two (2) consecutive regular readings by the Company for the meter(s) at the Facility, such readings to be taken as nearly as may be practicable every thirty (30) days. The billings shall be calculated using the applicable rate(s).

Bills are due within twenty (20) days from the date the bill is rendered to the Customer. Bills not paid within the twenty (20) day period will be assessed a late payment charge. The late payment charge is equal to one and one-half percent (1.5%) per month of the past due amount.

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Date Issued: ~~August-May~~ 17, 20198

Proposed Effective Date: ~~September-June~~ 16, 20198

By: ~~Sarah Ruen Blanchard Jason P-Nielsen~~ — Manager, Regulatory Relations and Policy Affairs

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# Interstate Power and Light IPL ELECTRIC TARIFF

Filed with the I.U.B.

~~First-Second~~ Revised Sheet No. 42.1

## ORIGINAL TARIFF NO. 1

Canceling ~~Original-First Revised~~ Sheet No. 42.1

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### Net Metering Pilot - Renewable Energy Facilities

Rate Code NM

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#### Special Provisions:

1. Customer may be served from a distribution transformer which serves no other Customer.
2. At its discretion, IPL may install on Customer's property, research metering equipment that is not required for billing purposes. Customer shall incur no costs for any research metering unless Customer desires additional metering data, in which case, Customer shall pay the appropriate excess facilities and data handling charges.
3. The Customer will pay all costs of interconnecting a facility to IPL's system as specified in IPL's interconnection policy and contract with the Customer.
4. All electricity delivered shall be for the exclusive use of the Customer and shall not be resold. The net-metering tariff is available under any ownership structure, including facilities financed through third parties.
5. The Customer shall be subject to the provisions of IPL's requirements for interconnection as the provisions exist and may change from time to time.
6. Customer shall indemnify IPL against all liability which may result from any and all claims for damages to property and injury or death to persons which may arise out of or be caused by the erection, maintenance, presence, or operation of the private generation facility or by any related act or omission of the Customer, its employees, agents, contractors or subcontractors.

7. The customer class load factors and non-coincident demands based upon ~~2017-2018~~ load research data are as follows:

Residential – ~~4719~~% load factor, 5.~~45-59~~ kW,

General Service – ~~2428~~% load factor, 10.~~68-26~~ kW,

Large General Service – ~~5456~~% load factor, ~~448459.92-80~~ kW.<sub>7</sub>

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