

## **Proposal Concerning Modifications to LIPA’s Tariff for Electric Service**

### **Requested Action:**

The Long Island Power Authority (“LIPA”) staff proposes to modify the Tariff for Electric Service (the “Tariff”) effective February 1, 2021, in accordance with the 2017 Utility 2.0 Filing and the subsequent filing updates to add four residential time-of-use (“TOU”) rates and one small commercial TOU rate.

### **Background:**

Under the Rate Modernization program, LIPA’s and PSEG Long Island’s objective is to align itself with New York State REV goals, offering customers rate options that are simple to understand, easy to compare, and that meet the utility’s current and future needs. The advanced metering infrastructure (“AMI”) smart meter program enables the functionality required to modernize PSEG Long Island’s rates and provide customers with a wide variety of options and tools to control electric usage and make cost-effective choices with increased convenience.

In 2017, a “Super Savers” Pilot Program was proposed and subsequently approved as part of the Utility 2.0 filing. The program is designed to reduce load while giving customers more choices. In August of 2018, LIPA began offering the “Super Savers” Pilot Program to customers on the North Bellmore circuit under rate codes M188 and M288. In addition to the North Bellmore substation areas, the rate is also available to customers outside of the North Bellmore areas who have AMI installed.

In 2018 the Utility 2.0 Filing and subsequent updates in the 2020 filing, PSEG Long Island presented their plans to modernize the customer experience by offering tools and rate options that encourage customers to proactively manage their energy use, lower their costs, or increase their use of distributed energy resources (DER). PSEG Long Island has worked to develop an Advanced Billing Engine that will enhance the customer experience through the PSEG Long Island “My Account” portal.

The 2018 Utility 2.0 Filing presented three residential rates structures, each with three time-of-use (“TOU”) rate periods. The three periods consist of a three-hour or four-hour peak<sup>1</sup> rate, an off-peak rate and a super-off-peak rate. These rate periods will give customers the opportunity to reduce or shift demand more easily and manage their usage outside of the peak timeframe. The filing also presented a two-period residential rate design, which is primarily for customers who own or lease an electric vehicle and for customers who are not able to manage around the peak periods of the other proposed residential TOU rate options.

In addition, the 2018 Utility 2.0 filing presented the need for a Small Business Short Peak TOU Rate. The design of this rate includes a short four-hour peak period<sup>2</sup> that may be beneficial to small business customers who can limit their energy use during a few higher cost weekday hours and shift usage to other off-peak periods, including customers with flexibility about when they

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<sup>1</sup> LIPA’s legacy TOU rates have peak windows ranging from eight to twelve hours.

<sup>2</sup> The current peak period spans daytime for a full 10 hours.

use major business appliances, such as air conditioners, electric forklifts, or other large demand machines.

Since the original Utility 2.0 filing, PSEG Long Island has conducted additional customer focus groups and reviewed time-of-use research from around the country, examining utilities with long-standing AMI meter installations and time-of-use rates to learn best practices. These focus groups and related research, along with our specific requirements for system operations, have informed the parameters of the rate designs in this proposal.

### **Proposal:**

LIPA is proposing to add four TOU Residential Rates and one TOU Small Commercial Rate to the tariff. With customers' needs in mind, these rates offer several choices of shorter peak periods so that customers can more easily shift their energy use to off-peak times.

In addition to giving customers more options and control of their energy use, these rates will also help in reducing the peak load of the utility. By giving customers the ability to shift their load to more affordable times of the day, PSEG Long Island can decrease the amount of energy production during peak times of the day. Additionally, this will help reduce carbon emission and could possibly reduce the need for new capital expenditures as customers reduce the capacity needs on certain circuits.

Three of the four residential and the single small commercial TOU rates will have three separate daily periods. The daily periods include: (1) peak (2) off-peak and (3) super off-peak. The proposed three-period TOU rates will also have three pricing seasons: (1) summer (2) spring and fall (shoulder), and (3) winter. The summer peak rate will be the highest in all TOU rates. In addition to seasonal pricing, the rates will have separate pricing for both Energy and Power Supply. Power Supply pricing for each rate will vary each month and appear on the existing Statement of Power Supply Charge. This will encourage customers to shift their energy use outside of the most-costly times to produce energy.

The fourth residential TOU rate will have two daily periods; (1) Daytime and (2) Nighttime. There are no seasonal distinctions proposed for this rate option. Electric vehicle customers who may have concerns with the peak period charge will be encouraged to use this rate.

#### **Residential Three-Hour Peak (Rate Code 190: Short Peak)**

This TOU rate design has a short three-hour peak from 4 PM to 7 PM and a super off-peak from 10 PM to 6 AM. This design benefits customers who can shift their energy use away from the three-hour peak and allows them to take advantage of the super off-peak pricing during the early morning hours of the day. During the summer period, when the rates have the largest variability, the peak period rate is set to about 2.1 times the off-peak rate, and the super off-peak rate will be about .6 of the off-peak rate.

#### **Residential Four-Hour Peak (Rate Code 191: Late Peak)**

This TOU rate design has a four-hour peak from 4 PM to 8 PM and a super off-peak from 11 PM to 7 AM. This design benefits customers who can shift their energy use for a slightly longer

amount of time during the day and allows them to take advantage of the super off-peak pricing during the early morning hours of the day. Examples of how customers on this rate can shift their energy use include doing laundry and running the dishwasher prior to starting their day. During the summer period, when the rates have the largest variability, the peak-period rate is set to about 1.8 times the off-peak rate, and the super off-peak rate will be about .6 of the off-peak rate.

#### **Residential Four-Hour Peak (Rate Code 192: Early Peak)**

This TOU rate design has a four-hour peak from 3 PM to 7 PM and a super off-peak from 10 PM to 6 AM. It is similar to Rate Code 191 but starts and ends one hour earlier. Customers will experience savings when they shift their energy use to the evening as this TOU rate has the earliest super off-peak time. During the summer period, when the rates have the largest variability, the peak-period rate is set to about 1.9 times the off-peak rate, and the super off-peak rate will be about .6 of the off-peak rate.

#### **Day/Night (Rate Code 193: Overnight)**

The Day/Night TOU rate has two periods in each day. This will give customers who are interested in cost savings the opportunity to shift some of their energy use to the overnight hours without being subject to a higher peak rate during the day. Customers who will benefit from this rate are customers who can run some of their appliances during the night (super off-peak), such as electric vehicle chargers and dishwashers, with a start time of 11 PM. The Daytime rate has a smaller ratio of only 1.1 times the standard rate and about .6 times the standard rate for Night (super off-peak).

#### **Small Business (Rate Code 292: 4 Hour Peak Small)**

The Small Business TOU Rate has a shorter peak period than has been offered in the past. The Small Business peak period will be from 3 PM to 7 PM and a super off-peak from 11PM to 6AM. It has a four hour peak as compared to existing time-of-use rates that have a longer 10 hour peak period from 10 AM to 8 PM. This rate allows customers to shift energy use for a shorter length of time. During the summer period, when the rates have the largest variability, the delivery rate is set to about 1.8 times the off-peak rate, and the super off-peak rate will be about .6 of the off-peak rate.

#### **Power Supply Charge**

The proposed new rates will time-differentiate both the Delivery Service Charge and the Power Supply Charge. The Power Supply Charge will be time-differentiated for each of the proposed new rate codes using a multiplier against the standard non-time-differentiated Power Supply Charge. In each month as the Power Supply Charge is updated, that single cents per kWh charge will be multiplied by the factors shown in the table below to create the time-differentiated charges for the peak, off-peak, and super off-peak periods. The factors in the below table will be updated each budget year based on the most recent load research profiles for Rate Codes 180 and 280.

<u>Rate Code</u>	<u>Peak</u>	<u>Standard</u>	<u>Off-Peak</u>
190	199%	100%	60%
191	169%	100%	60%
192	177%	100%	60%
193	n/a	112%	60%
292	161%	100%	60%

The factors differ by rate code to reflect the different hours included in the period, and calculated to recover the same annual total power supply costs the average Rate Code 180 customer would have paid under the non-time-differentiated Power Supply Charge. The factors remain the same for every month of the budget year.

### **Subsequent Tariff Changes Related to TOU Proposal**

Authority Staff proposes to modify the Tariff for Electric Service to close Service Classification No. 1 – VMRP (L) and Service Classification No. 1 – VMRP (S) on January 1, 2025. Customers on these rates will be encouraged to transition to the rates under proposed Service Classification No. 1 – VTOU. The shorter peak periods of these rates enable greater savings opportunities for customers who are able to shift their usage outside the peak period.

LIPA Staff is proposing to revise the tariff to discontinue new customer enrollments in the existing off-peak energy storage rates (480 and 481). The proposed TOU rates with a ratio of .6 of the standard rate during super off-peak will be more beneficial to customers seeking to save money by shifting their energy use to the nighttime. Customers who are currently on rates 480 and 481 will be able to remain on these rates until December 31, 2024.

LIPA Staff is proposing to revise the tariff to close the existing off-peak energy storage rates (480 and 481) on January 1, 2025. The proposed TOU rates with a ratio of .6 of the standard rate during super off-peak will be more beneficial to customers seeking to save money by shifting their energy use to the nighttime. Customers will be encouraged to transition to proposed Service Classification No. 1 – VTOU. Customers who are still on rates 480 or 481 on December 31st, 2024 will be transferred back to Rate 180.

The new TOU rates will require new Net Metering banking rules. LIPA Staff proposes to add rules to the Net Metering tariff, such that a customer who switches from a rate with one rate period to a rate with multiple rate periods will transfer all billing credits to the off-peak period, as this is set to equal the standard rate. Also, to allow the Tariff to address the reverse situation, customers who move from multiple rate periods to one rate period will have all credits consolidated to the standard rate bank.

LIPA Staff is proposing to add Federal Holiday as a defined term in the glossary as it is used to determine off-peak days. For this reason, LIPA has reviewed various uses of “holiday” in the tariff and determined that, Federal Holiday, Public Holiday and PSEG Long Island Holiday are all terms that need to be defined in the glossary and appropriately amended in the tariff.

### **Financial Impacts:**

No substantial revenue impacts are expected to result from the proposed TOU rates as any reduction in revenue will be recovered in the Revenue Decoupling Mechanism. The financial impact on any particular customer will depend on the customer's ability and willingness to reduce usage during the peak period. PSEG Long Island estimates that a customer who shifts 6% of peak energy usage to off-peak times would experience delivery bill savings of between \$36 and \$45 annually, a customer who shifts 8% of peak usage would save between \$49 and \$60 annually, and a customer who shifts 10% of peak usage would save between \$62 and \$75 annually. Energy cost savings from the avoidance of high cost generation during the peak hours would reduce the net impact on LIPA. The new My Account features on the PSEG Long Island website will assist individual customers in estimating the potential bill impact of switching to one of the proposed TOU rates. Customers that do not modify their usage could see little to no changes to their annual bill and there would be no impact on LIPA.

The costs of implementing this program were submitted in accordance with previous Utility 2.0 filings. LIPA and PSEG Long Island have contracted with GridX to build the billing system add-on and customer facing website. Thus far, total expenditures expected to be incurred through 2020 are \$7.2 million, \$5.3 million in capital spending and \$1.9 million in operating expenses. The total approved Utility 2.0 expenditures through 2023 are \$19 million, \$4.8 million in capital spending and \$14.2 million in operating expenses. All expenditures were recommended by the Department of Public Service.

### **Affected Tariff Leaves:**

Revised Leaves: 16, 20, 34F, 91, 167, 182C, 182K, 183, 189, 193, 194, 200, 201, 202, 203, 305, 327, 330, 331, 333, 341, and 344.

Original Leaves: 16A, 196B, 196C, 196D, and 196E,

Revised Statement: Statement of Power Supply Charge

### **Summary of Proposed Changes:**

LIPA Staff is proposing to update the Tariff to introduce four new residential TOU rates and one small commercial TOU rate. Staff is also proposing to make subsequent tariff changes related to the proposed TOU rates.

**I. General Information (continued):****B. Abbreviations and Definitions (continued):**

**Demand Customer:** A Customer who is billed for Demand charges.

**Demand Meter:** The device that records the maximum amount of power used by the Customer over a 15-minute interval during a specific period, such as a month.

**Department:** The New York State Department of Public Service.

**Deposit:** A sum of money given as security for payment of service.

**Distribution Facilities:** Facilities used to distribute electric energy to consumers, including supply lines, distribution lines, service laterals, and accessory equipment.

**Distribution Line(s):** A system of poles, wires, ducts, conduits, and additional equipment used for the shared distribution of electricity to Customers.

**E**

**Easement:** (See *Right-of-way*)

**Eligible Net Metering Technology/Technologies:** The list of eligible technologies is: Solar Electric Generating Equipment, Wind Electric Generating Equipment, Micro-Hydroelectric Generating Equipment, Micro-Combined Heat and Power (CHP) Generating Equipment, Fuel Cell Electric Generating Equipment, Farm Waste Electric Generating Equipment, Stand Alone Storage Equipment, Regenerative Braking, Vehicle-to-Grid, or other generating equipment identified as a Tier 1 technology as defined in Appendix A of the CES Order of the New York Public Service Commission issued August 1, 2016 in Cases 15-E-0302 and 16-E-0270. Regenerative braking, vehicle to grid, and additional Tier 1 technologies identified in Appendix A of the CES Order but not specifically defined in this tariff, and any other technologies not defined by PSL §66-p as renewable energy systems are required to take compensation based on the Value Stack.

**Energy:** Energy is electric power, used or supplied over time, and measured in KWH.

**Existing Overhead Areas:** Areas in which electric distribution facilities are constructed overhead, and there are no requirements to construct facilities underground.

**F**

**Farm Waste Electric Generating Equipment:** Equipment that generates electric energy from biogas produced by anaerobic digestion of agricultural wastes, such as livestock manure, farming wastes and food processing wastes with a rated capacity of not more than five thousand (5,000) kilowatts that is manufactured, installed and operated by Customer-generator in accordance with applicable government and industry standards, connected to the electric system and operated in conjunction with the Authority's transmission and distribution facilities, operated in compliance with the Authority's standards and requirements established therefor, fueled at a minimum of ninety (90) percent on an annual basis by biogas produced from the anaerobic digestion of agricultural waste such as livestock manure materials, crop residues, and food processing waste, and fueled by biogas generated by anaerobic digestion with at least fifty (50) percent by weight of its feed stock being livestock manure on an annual basis. As of October 17, 2019, all new projects with Farm Waste Electric Generating Equipment are not considered a renewable energy system as defined by PSL §66-p.

~~**Fuel Cell Electric Generating Equipment:** A solid oxide, molten carbonate, proton exchange membrane or phosphoric acid fuel cell, with a combined rated capacity of not more than ten (10) kilowatts for a residential customer or with a rated capacity of not more than five thousand (5,000) kilowatts for a non-residential customer, that is manufactured, installed and operated in accordance with applicable government and industry standards, that is connected to the electric system and operated in compliance with the Authority's standards and requirements established therefor. This definition, including the capacity limits specified herein, does not apply to fuel cells participating in the Fuel Cell Feed-in Tariff. As of October 17, 2019, all new projects with Fuel Cell Generating~~

~~Equipment which utilize a fossil fuel resource in the process of generation are not considered a renewable energy system as defined by PSL §66-p.~~

~~**Fuel and Purchased Power Cost Adjustment Clause:** See definition for Power Supply Charge.~~

~~**Full Requirements Customer:** A Customer whose electric power requirements are all supplied by the Authority. (See *Customer - Full Requirements Customer*)~~

**G**

~~**Generation Project:** A specific project that is eligible to participate in the Commercial Solar, Fuel Cell, or Solar Communities Feed In Tariffs under Service Classification No. 11 - Buy Back Service.~~

**I. General Information (continued):****B. Abbreviations and Definitions (continued):**

**Federal Holidays:** New Year's Day, Martin Luther King, Jr. Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day

**Fuel Cell Electric Generating Equipment:** A solid oxide, molten carbonate, proton exchange membrane or phosphoric acid fuel cell, with a combined rated capacity of not more than ten (10) kilowatts for a residential customer or with a rated capacity of not more than five thousand (5,000) kilowatts for a non-residential customer, that is manufactured, installed and operated in accordance with applicable government and industry standards, that is connected to the electric system and operated in compliance with the Authority's standards and requirements established therefor. This definition, including the capacity limits specified herein, does not apply to fuel cells participating in the Fuel Cell Feed-in Tariff. As of October 17, 2019, all new projects with Fuel Cell Generating Equipment which utilize a fossil fuel resource in the process of generation are not considered a renewable energy system as defined by PSL §66-p.

**Fuel and Purchased Power Cost Adjustment Clause:** See definition for Power Supply Charge.

**Full-Requirements Customer:** A Customer whose electric power requirements are all supplied by the Authority. (See *Customer – Full Requirements Customer*)

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**Generation Project:** A specific project that is eligible to participate in the Commercial Solar, Fuel Cell, or Solar Communities Feed-In Tariffs under Service Classification No. 11 – Buy-Back Service.



**I. General Information (continued):****B. Abbreviations and Definitions (continued):****Power (Electric) (continued):**

3. Peak Power is the greatest demand which occurred in a specific period of time.
4. Reactive Power is that part of Apparent Power that is not useful, but is required by some types of electricity-consuming devices such as motors.
1. Real Power is the useful part of Apparent Power. It is measured by averaging the instantaneous power over a 15-minute period and expressed in kilowatts (KW).

**Power Supply Charge:** Provisions made in electric rates schedules for the automatic adjustment of rates due to changes in cost of fuel and purchased power.

**Primary Residence:** A service address at which a Customer-generator resides the majority of the time during the year, and which has been given by the Customer-generator and exists in the voter registration catalogues or used by the Customer-generator to determine his/her school district code number as he/she identifies the same on his/her New York State Income Tax Returns

**Power Factor:** The Real Power (KW) divided by the Apparent Power (kVA) at any given point and time in an electrical circuit. It is expressed as a percentage. (See *Power*)

**Private Property Agreement:** An Agreement between the Authority and a property owner regarding the right to pass over, occupy, or use land for the placement and access of Authority facilities. The Agreement is kept on file at the Authority. (See *Right-of-Way*)

**PSEG Long Island Holiday:** New Year's Day, Martin Luther King, Jr. Day, Presidents' Day, Good Friday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Day After Thanksgiving and Christmas Day

**Prorate:** To divide, distribute, or assess proportionately.

**Public Highway:** Any street, avenue, road, or way that is maintained for and used by the public. It is authorized and controlled by the legislative body of a village, town, city, county, or the State of New York.

**Public Holiday:** As defined in the General Construction Law Section 24, Public Holidays; half-holidays

**Public Right-of-Way:** The area within a Public Highway which may be used for the placement of and access to Authority facilities.

**Pull Box:** An underground connection between either the Authority's and the Customer's underground facilities, or the Authority's overhead, terminating at the base of a pole, and the Customer's underground facilities.

**Q**

**Qualifying Low Income Customer:** A customer who provides documentation of current enrollment in at least one of the following programs: Home Energy Assistance Program (HEAP); Medicaid; Supplemental Nutrition Assistance Program (SNAP); Supplemental Security Income (SSI); Temporary Assistance – Family Assistance (FA); Temporary Assistance-Safety Net Assistance (SNA); United States Veterans Administration – Veteran's Pension or Veteran's Surviving Spouse Pension.

**R**

**Reactive Power:** (See *Power*)

**Real Power:** (See *Power*)

**Residence:** A permanent dwelling place.

**I. General Information (continued):****C. General Terms and Conditions (continued):****Net Metering (continued):**

- (b) For eligible Mass Market Projects and Large Onsite Projects with Solar or Wind or Farm Waste or Micro-Hydroelectric electric generators whose amount of electricity provided to the Authority during the billing period exceeds the amount of electricity provided by the Authority to the Customer-generator, the Authority shall apply a credit to the next bill for service at the same rate per kilowatt-hour applicable to service provided to other Customers in the same service class who do not generate electricity on site.
- (c) For eligible Mass Market Customers and Large Onsite Customers with Micro-Combined-Heat-and-Power Electric Generating Equipment or for Fuel Cell Electric Generating Equipment whose amount of electricity provided to the Authority during the billing period exceeds the amount of electricity provided by the Authority to the Customer-generator, the Authority shall apply a credit to the next bill for service at the SC-11 Avoided Cost Rate per kilowatt-hour.
- (d) For Large Onsite Customers the monthly billing demand is determined by the maximum measured kilowatt demand actually supplied to the Customer-Generator during the billing period.
- ~~(e)~~ For Customer-generators served under a rate code with multiple rating periods, excess generation in one rating may not be used to reduce the billed consumption in a different rating period. Peak, and off-peak and super off-peak periods will be treated separately when calculating and applying any credits.
- ~~(f)~~ For Customer-generators who switch to a rate code with multiple rating periods from a rate code with one rating period, all banked credits will be applied to the off-peak period bank.
- ~~(e)~~~~(g)~~ For Customer-generators who switch to a rate code with one period from a rate code with multiple rating periods, all banked credits will be applied to a single bank.
- ~~(f)~~~~(h)~~ At the end of the first year that service for eligible Mass Market Projects and Large On-site Projects with Solar, or Wind, or Farm Waste or Micro-Hydroelectric generators, and every anniversary date thereafter, the Authority shall promptly thereafter issue payment to the Customer-generator for any value of the remaining credit for the net (excess) electricity provided to the Authority by the Customer-generator during the previous twelve (12) month period. The payment issued to the Customer-generator shall be equal to the product of the remaining excess (net) energy generated by the Customer-generator times the corresponding avoided energy prices as per the Statement of Market Energy Prices.
- ~~(g)~~~~(i)~~ For eligible Mass Market Projects and Large Onsite Projects that terminate service or become ineligible for net metering, the Authority shall promptly thereafter issue payment to the Customer-generator for any value of the remaining credit for the net (excess) electricity provided to the Authority by the Customer-generator. The payment issued to the Customer-generator shall be equal to the product of the remaining net (excess) energy generated by the Customer-generator times the corresponding avoided energy prices as per the Statement of Market Energy Prices.
- ~~(h)~~~~(j)~~ The avoided cost rates to be used to issue payment to Mass Market Projects and Large Onsite Projects for energy sold to the Authority by the Customer-generator will be determined based on the simple average of the Zone K Day-Ahead Locational Based Marginal Prices (LBMP). Monthly and Time-of-Use energy payments will be shown each month on a separate Statement of Market Energy Prices.

**III. Overhead and Underground Distribution of Electricity (continued):****E. Meters (continued):**3. Meter Testing

- a) The Authority will test meters if requested directly by the Customer.
- b) The Authority shall pay the cost of the testing.
- c) The Authority will perform the tests within sixty (60) days of the request, unless prevented by events it cannot control.

4. Types of Meters

The Authority will determine the type of meter installed.

5. Existing Customer without an AMI smart meter:

Effective January 1, 2019, Residential Service Classification No. 1 Customers (rates 180, 480, 481, 580), receiving service through a non-AMI equipped meter will be notified of replacement with an AMI equipped smart meter. With the following exceptions, residential Customers may opt-out of receiving the smart meter:

- a) Customers who participate in net metering;
- b) Retail choice program participants (Long Island Choice and Green Choice); and
- c) Residential Customers served under time-of-use service classifications (1-VMRP(S), ~~and~~ 1-VMRP(L)), ~~and~~ (1-VTOU).

Commercial service classifications are ineligible to opt-out of smart meter installation.

The customer will receive communication from the Authority at least 45 days prior to the install date of the AMI equipped smart meter. If the customer does not want an AMI equipped smart meter they may request that service be continued through a non-communicating meter.

Residential Service Classification No.1 Customers who do not object to installation of an AMI equipped smart meter and later request removal of the AMI equipped smart meter and replacement with a non-communicating meter will be subject to a meter removal fee as described in Section IV.C.11.

Beginning in January 1, 2023, customers who have opted out of receiving the AMI equipped smart meter will be charged a daily opt out service fee ("AMI Smart Meter Daily Opt-Out Fee") as described in Section IV.C.11.

**VII. ADJUSTMENTS TO RATES AND CHARGES OF SERVICE CLASSIFICATIONS (continued):****A. Power Supply Charge (continued):**4. Power Supply Charge

a) The Power Supply Charge, expressed in cents per kWh, is calculated as the sum of: (i) the average cost of the Power Supply Charge expressed in cents per kWh, plus (ii) a rate, expressed in cents per kWh calculated to refund or recover any overcollections or undercollections of the Power Supply Charge as of the end of the preceding period. The Power Supply Charge is rounded to the nearest .0001 cents per kWh.

b) The Power Supply TOU Period Adjustment Factors are identified in the Statement of the Power Supply Charge and will be updated from time to time as follows:

(1) The Power Supply TOU Period Adjustment Factors will be calculated using the most recent average hourly load research sample results for Rate 180 or Rate 280. The rate 180 load research sample is used to calculate the Power Supply TOU Period Adjustment Factors for rate codes 190, 191, 192 and 193. The rate 280 load research sample is used to calculate the Power Supply TOU Period Adjustment factor for Rate 292.

(2) The average hourly load research samples for rate 180 or rate 280 will identify the kWh for both the super off-peak period and the peak period for each of the TOU rate codes (190, 191, 192, 193 and 292) for an annual period.

(3) For all TOU rate codes the super off-peak Power Supply TOU Period Adjustment Factor is set to 60%.

(4) For each TOU rate code, the kWh in the super off-peak period will be multiplied by the budgeted average annual Power Supply Charge multiplied by 40% (1-super off-peak Power Supply TOU Period Adjustment Factor). The subsequent dollars by TOU rate code is divided by the total kWh in the peak period to create the peak period adder by TOU Rate code. The peak period adder by TOU rate code is then added to the average annual power supply factor and divided by the average annual power supply factor, which will equal the peak Power Supply TOU period Adjustment Factor.

Formulas:

1)  $(\text{kWh in Super Off-peak Period} \times \text{Annual Average Power Supply Charge} \times 40\%) / \text{Peak Period kWh} = \text{Peak Period Adder}$

2)  $(\text{Peak Period Adder} + \text{Annual Average Power Supply Rate}) / \text{Annual Average Power Supply Rate} = \text{the peak Power Supply TOU period Adjustment Factor.}$

c) The Power Supply Charge for applicable TOU Rate codes will be calculated each month based on the actual Power Supply Charge (see Statement of Power Supply Charge) times the Power Supply TOU period Adjustment Factors as identified in the Statement of the Power Supply Charge.

e)d) The Authority will prepare and retain on file a Statement of the Power Supply Charge. The Statement will be available at the Authority's business offices.

**VII. ADJUSTMENTS TO RATES AND CHARGES OF SERVICE CLASSIFICATIONS (continued):****F. Distributed Energy Resources Cost Recovery Rate (continued):**1. Calculation of the Distributed Energy Resources Cost Recovery Rate

The Distributed Energy Resources Cost Recovery Rate will be calculated separately for Small Customers and Large Customers. For Small Customers and Large Customers separately, the Distributed Energy Resources Cost Recovery Rate will be calculated as the sum of the eligible costs divided by the forecasted energy sales.

- a) The Authority will prepare and retain on file a "Statement of Distributed Energy Resources Cost Recovery Rate". The Statement will be available at the Authority's Business Offices.
- b) The Statement will show the authorized amounts to be recovered and the expected energy sales over which the authorized amounts will be recovered.
- c) The Distributed Energy Resources Cost Recovery Rate will be set annually, effective January 1<sup>st</sup> of each year.
- d) The Distributed Energy Resources Cost Recovery Rate may be reset during the year, based on updated values that have been approved by the Authority Board of Trustees.
- e) The Distributed Energy Resources Cost Recovery Rate will be rounded to the nearest 0.0001 cents per kWh.

2. Definition of Small and Large Customers

For purposes of the Distributed Energy Resources Cost Recovery Rate, the following definitions of Small Customers and Large Customers will apply.

- a) The Small Customer Distributed Energy Resources Cost Recovery Rate applies to:
  - (1) Service Classification No. 1 (Rate Codes: 180, 480, 481, 580)
  - ~~(2)~~ (2) Service Classification No. 1-VMRP (Rate Codes: 181, 182, 184, 188)
  - ~~(2)(3)~~ (2)(3) ~~Service Classification No. 1-VTOU (Rate Codes: 190, 191, 192, 193)~~
  - ~~(3)(4)~~ (3)(4) Service Classification No. 2 (Rate Code 280)
  - ~~(4)(5)~~ (4)(5) Service Classification No. 2-VMRP (Rate Code 288, 292)
  - ~~(5)(6)~~ (5)(6) Service Classification Nos. 5, 7, 7A and 10 (Rate Codes 980, 780, 781, 782, 1580, 1581)
  - ~~(6)(7)~~ (6)(7) Service Classification No. 16-AMI (Rate Code M188 and M288)
- b) The Large Customer Distributed Energy Resources Cost Recovery Rate applies to:
  - (1) Service Classification Nos. 2-L, and 2-VMRP (Rate Codes 281, 283, 291, 282, M282)
  - (2) Service Classification No. 2-MRP (Rate Codes 284, 285, M284, M285)
  - (3) Service Classification Nos. 12 and 13 (Rate Codes 680, 681, 278)
- c) Retail Customers participating in the Long Island Choice or Green Choice program are subject to the Distributed Energy Resources Cost Recovery Rate according to their base rate Service Classification.
- d) Energy Service Companies (ESCOs) receiving service under Service Classification No. 14 are not subject to the Distributed Energy Resources Cost Recovery Rate.
- e) Energy delivered under the Recharge NY Power Program is not subject to the Distributed Energy Resources Cost Recovery Rate. (Rate Code 680). Energy delivered under Rate Code 680 but not under the Recharge NY Power Program is subject to the Distributed Energy Resources Cost Recovery Rate.

**VII. ADJUSTMENTS TO RATES AND CHARGES OF SERVICE CLASSIFICATIONS:****J. Revenue Decoupling Mechanism**1. Purpose

The purpose of the Revenue Decoupling Mechanism is to recover approved Delivery Service Revenues from customers. Actual Delivery Service Revenues are reconciled to the approved Delivery Service Revenues through the Revenue Decoupling Mechanism for certain Service Classifications groups, as described below,

2. Definitions

For the purposes of the Revenue Decoupling Mechanism, the following Service Classification groups will apply.

a) Residential

(1) Service Classification No. 1 (Rate Codes: 180, 480, 481, 580)

~~(2)~~ Service Classification No. 1-VMRP (Rate Codes: 181, 182, 184, 188)

~~(2)(3)~~ Service Classification No. 1-VTOU (Rate Codes: 190, 191, 192, 193)

~~(3)(4)~~ Service Classification No. 16-AMI (Rate Code M188)

b) Small Commercial

(1) Service Classification No. 2 (Rate Code 280)

~~(2)~~ Service Classification No. 2-VMRP (Rate Code 288, 292)

~~(2)(3)~~ Service Classification No. 16-AMI (Rate Code M288)

c) Large Commercial excluding mandatory demand metered service with multiple rate periods:

(1) Service Classification No. 2-L (Rate Codes 281, 283, 291)

(2) Service Classification No. 2L-VMRP (Rate Codes 282, M282)

d) Mandatory Large Demand Metered Service with Multiple Rate Periods

(1) Service Classification No. 2-MRP (Rate Codes 284, 285, M284, M285)

**VIII. SERVICE CLASSIFICATIONS:****A. SERVICE CLASSIFICATION NO. 1 - Residential Service:**  
**(Rate Codes: 180, 480, 481, 580)**1. Who Is Eligible

a) A Customer who will use the service for residential purposes or as specified in Section 76 of the Public Service Law, for religious purposes, a Community Residence, or a post or hall owned or leased by a not-for-profit corporation that is a Veterans' Organization.

b) A Customer, as described in a. above, that has the option under Service Classification Nos. 12 – Backup and Maintenance Service, of choosing to pay the rates and charges associated with a different Service Classification.

c) Effective January 1, 2021, rates 480 and 481 are no longer available to new or transferring customers.

d) Effective January 1, 2025, this service classification is no longer available to customers. Customers participating in this rate code as of December 31, 2024 will be transferred to Service Classification No. 1 rate code 180 unless they request transfer to Rate Code 1-VTOU at least 30 days before that date.

2. Character of Service

a) Continuous, 60 hertz, alternating current.

b) Approximately 120/208 or 120/240 volts, single or three phase, depending on the characteristics of the load and the circuit supplying the service.



**VIII. SERVICE CLASSIFICATIONS (continued):****A. SERVICE CLASSIFICATION NO. 1-VMRP (L)****Voluntary Large Residential Service with Multiple Rate Periods:**  
**(Rate Codes: 181, 182, 184)**1. Who Is Eligible

- a) An existing Customer receiving service under Service Classification Nos. 1 or 1-VMRP who chooses to receive service under this classification and:
  - (1) Uses more than 39,000 kWh annually for the twelve (12) months ending September 30, or
  - (2) Uses more than 12,600 kWh for the 4-month period between June 1 and September 30.
- b) An Applicant eligible to receive service under Service Classification No. 1 whose consumption the Authority estimates will be more than either 39,000 KWH annually or 12,600 KWH between June 1 and September 30.
- c) A Customer, as described in a. through b. above, that has the option under Service Classification Nos. 12 – Backup and Maintenance Service, of choosing to pay the rates and charges associated with a different Service Classification.
- d) Effective January 1, 2019, this service classification is no longer available to new or transferring customers. Customers may request Service Classification No. 16. [or Service Classification No. 1-VTOU.](#)
- e) Effective January 1, 2025, this service classification is no longer available to customers. Customers participating in this rate code as of December 31, 2024 will be transferred to Service Classification No. 1 (rate code 180 or rate code 580 as appropriate) unless they request transfer to Rate Code 1-VTOU at least 30 days before that date.

2. Character of Service

- a) Continuous, 60 hertz, alternating current.
- b) Approximately 120/208, 120/240, or 277/408 volts, single or three phase, depending on the characteristics of the load and the circuit supplying the service.



**VIII. SERVICE CLASSIFICATIONS (continued):****B. SERVICE CLASSIFICATION NO. 1-VMRP (L)****Voluntary Large Residential Service with Multiple Rate Periods (continued):****(Rate Codes: 181, 182, 184)****Special Provisions (continued):**a) Service for Religious Purposes, Community Residences, or Veterans' Organizations

Customers under this Service Classification who use electricity for religious purposes, for Community Residences, or Veterans' Organizations as specified in Section 76 of the Public Service Law, may apply for a suitable non-residential service after a minimum term of one (1) year.

- (1) The transferring Customer shall submit a new Application to the Authority before the transfer, and
- (2) The transfer will take place at the Customer's next meter reading.

b) Choosing a Rate

- (1) New space-heating Customers shall choose either Rate Code 182 or 184 when they qualify for service.
- (2) New non-space-heating Customers shall choose either Rate Code 181 or 184 when they qualify for service.

~~(3) Effective January 1, 2019, this service classification is no longer available to new or transferring customers. Customers may request Service Classification No. 16.~~

c) Transferring Between Rates Under This Service Classification(1) Space-heating Customers

- (a) Customers served under Rate Code 184 may request to transfer to Rate Code 182 before, but not after January 1, 2019.
- (b) The Customer shall request the transfer, in writing, at least thirty (30) days before the Customer's Anniversary Date, and
- (c) The transfer will take place on the Anniversary Date.

(2) Non-space-heating Customers

- (a) Customers served under Rate Code 184 may request to transfer to Rate Code 181 before, but not after January 1, 2019.
- (b) The Customer shall request the transfer, in writing, at least thirty (30) days before the Customer's Anniversary Date, and
- (c) The transfer will take place on the Anniversary Date.

- (3) Customers with AMI meters may transfer out of this service classification to Rate Code M188 at any time.

**VIII. SERVICE CLASSIFICATIONS (continued):****C. SERVICE CLASSIFICATION NO. 1-VMRP(S)  
Voluntary Small Residential Service With Multiple Rate Periods:  
(Rate Code: 188)**1. Who Is Eligible

- a) Qualifying Applicants who will use the service for residential purposes or as specified in Section 76 of the Public Service Law, for religious purposes, a Community Residence, or a post or hall owned or leased by a not-for-profit corporation that is a Veterans' Organization as an alternative to Service Classification No. 1, but who do not qualify for Service Classification No. 1-VMRP(L).
- b) A Customer, as described in a. above, that has the option under Service Classification Nos. 12 – Backup and Maintenance Service, of choosing to pay the rates and charges associated with a different Service Classification.
- c) Effective January 1, 2019, this service classification is no longer available to new or transferring customers. Customers may request Service Classification No. 16 or Service Classification No. 1-VTOU.
- ~~e)d) Effective January 1, 2025, this service classification is no longer available to customers. Customers participating in this rate code as of December 31, 2024 will be transferred to Service Classification No. 1 (rate code 180 or rate code 580 as appropriate) unless they request transfer to Rate Code 1-VTOU at least 30 days before that date.~~

2. Character of Service

- a) Continuous, 60 hertz, alternating current.
- b) Approximately 120/208, 120/240 volts, single or three phase, depending on the characteristics of the load and the circuit supplying the service.

**VIII. SERVICE CLASSIFICATIONS (continued):****D. SERVICE CLASSIFICATION NO. 1-VTOU**  
**Voluntary Service With Time of Use Rates:**  
**(Rate Code: 190, 191, 192, 193)****3. Who Is Eligible**

- a) Qualifying Applicants who will use the service for residential purposes or as specified in Section 76 of the Public Service Law, for religious purposes, a Community Residence, or a post or hall owned or leased by a not-for-profit corporation that is a Veterans' Organization as an alternative to Service Classification No. 1, but who do not qualify for Service Classification No. 1-VMRP(L).
- b) A Customer, as described in a. above, that has the option under Service Classification Nos. 12 – Backup and Maintenance Service, of choosing to pay the rates and charges associated with a different Service Classification.
- c) Customers must have that Advanced Metering Infrastructure (AMI) installed to qualify.
- d) Customers are not eligible to return to Rate Code 190, 191, or 192 for a period of 12 months from their date of exit from Rate Code 190, 191, or 192.

**4. Character of Service**

- a) Continuous, 60 hertz, alternating current.
- b) Approximately 120/208, 120/240 volts, single or three phase, depending on the characteristics of the load and the circuit supplying the service.

**5. Seasons**

Summer Season: June 1 through September 30 inclusive  
Shoulder Season: October 1 through November 30 and April 1 through May 31 inclusive  
Winter Season: December 1 through March 31 inclusive

**6. Periods:**

Each rate will have multiple time periods in each day. The time periods are defined within the schedule of rates for each rate code.

**7. Power Supply Charges:**

- a) The Power Supply Charge will vary for each period.
- b) The Authority will publish the rates as part of the Statement of Power Supply Charge. The Statement will be available at the Authority's business offices.

**VIII. SERVICE CLASSIFICATIONS (continued):**

**B. SERVICE CLASSIFICATION NO. 1-VTOU**

**Voluntary Residential Service with Time of Use Rates (continued):**  
**(Rate Code: 190, 191, 192, 193)**

6. Rates & Charges Per Meter:

a) Schedule of Rates:

The Rates for this service code are set below:

Rate Code 190

Service Charge per Day: \$0.XX per day

<u>Energy Charge per kWh</u>	<u>Summer Season</u>	<u>Winter Season</u>	<u>Shoulders Season</u>
<u>Peak</u>	<u>\$ 0.XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Super Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>

\* Super Off-Peak ~60% of Rate 180, Off-Peak will equal Rate 180 and Peak will be ~2.1 times the rate for 180 customers.

Periods:

Peak: 4:00 PM – 7:00 PM Monday through Friday excluding Federal Holidays

Off-Peak: 6:00 AM – 4:00 PM and 7:00 PM – 10:00 PM Monday through Friday, and 6:00 AM – 10:00 PM on Saturday, Sunday and Federal Holidays

Super Off-Peak: 10:00 PM – 6:00 AM all days

Rate Code 191

Service Charge per Day: \$0.XX per day

<u>Energy Charge per kWh</u>	<u>Summer Season</u>	<u>Winter Season</u>	<u>Shoulders Season</u>
<u>Peak</u>	<u>\$ 0.XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Super Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>

\* Super Off-Peak ~60% of Rate 180, Off-Peak will equal Rate 180 and Peak will be ~1.8 times the rate for 180 customers.

Periods:

Peak: 4:00 PM – 8:00 PM Monday through Friday excluding Federal Holidays

Off-Peak: 7:00 AM – 4:00 PM and 8:00 PM – 11:00 PM Monday through Friday, and 7:00 AM – 10:00 PM on Saturday, Sunday and Federal Holidays

Super Off-Peak: 11:00 PM – 7:00 AM all days

**VIII.SERVICE CLASSIFICATIONS (continued):**

**B. SERVICE CLASSIFICATION NO. 1-VTOU**

**Voluntary Residential Service with Time of Use Rates (continued):**

**(Rate Code: 190, 191, 192, 193)**

**Rates & Charges Per Meter (continued):**

Rate Code 192

Service Charge per Day:            \$0.XX per day

<u>Energy Charge per kWh</u>	<u>Summer Season</u>	<u>Winter Season</u>	<u>Shoulders Season</u>
<u>Peak</u>	<u>\$ 0.XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Super Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>

\* Super Off-Peak ~60% of Rate 180, Off-Peak will equal Rate 180 and Peak will be ~1.9 times the rate for 180 customers.

Periods:

Peak:                                    3:00 PM – 7:00 PM Monday through Friday excluding Federal Holidays

Off-Peak:                              6:00 AM – 3:00 PM and 7:00 PM – 10:00 PM Monday through Friday,  
and 6:00 AM – 10:00 PM on Saturday, Sunday and Federal Holidays

Super Off-Peak:                      10:00 PM – 6:00 AM all days

Rate Code 193

Service Charge per Day:            \$0.XX per day

<u>Energy Charge per kWh</u>	<u>All Months</u>
<u>Daytime</u>	<u>\$ 0. XXXX</u>
<u>Nighttime</u>	<u>\$ 0. XXXX</u>

\* Daytime will equal ~1.1 times Rate 180 and Nighttime will be 60% of the rate for 180 customers.

Periods:

Daytime:                                6:00 AM – 11:00 PM all days

Nighttime:                              11:00 PM – 6:00 AM all days

**VIII. SERVICE CLASSIFICATIONS (continued):****B. SERVICE CLASSIFICATION NO. 1-VTOU****Voluntary Residential Service with Time of Use Rates (continued):****(Rate Code: 190, 191, 192, 193)****Rates & Charges Per Meter (continued):****b) Adjustments to Rates and Charges**

Each Customer's bill will be adjusted for the Power Supply Charge, Increases in Rates and Charges to Recover PILOT Payments, the Shoreham Property Tax Settlement Rider, the Distributed Energy Resources Cost Recovery Rate, the New York State Assessment Factor, Revenue Decoupling Mechanism, the Securitization Offset Charge, and the Delivery Service Adjustment.

**7. Minimum Charge**

The Minimum Charge is the Service Charge, plus Adjustments to Rates and Charges.

**8. Terms of Payment**

The Customer shall pay the balance due in cash, including checks and money orders, on receiving the bill. Late Payments shall be subject to Late Payment Charges.

**9. Term of Service**

The Authority will provide service to the Customer until service is terminated either by the Customer or the Authority.

a) The Customer shall give the Authority five (5) days written notice when requesting termination of service.

b) The Authority may terminate service to the Customer in accordance with the provisions of this Tariff.

**10. Special Provisions****a) Service for Religious Purposes, Community Residences, or Veterans' Organizations**

(1) Customers under this Service Classification who use electricity for religious purposes, for Community Residences, or Veterans' Organizations as specified in A.1.a. above, may apply for a suitable non-residential service after a minimum term of one (1) year.

(2) The transferring Customer shall submit a new Application to the Authority before the transfer, and the transfer will take place at the time of the Customer's next meter reading.

**VIII. SERVICE CLASSIFICATIONS (continued):****D. SERVICE CLASSIFICATION NO. 2-VMRP****Voluntary Small General Service With Multiple Rate Periods:****(Rate Code: 288, 292)****1. Who Is Eligible**

a) Customers who will use the service on a voluntary basis as an alternative to Service Classification 2, for any purposes other than Residential, when the Authority estimates that the Applicant's demand will be less than 7 KW, subject to Special Provision 7.b. below.

b) A Customer, as described in a. above, that has the option under Service Classification Nos. 12 – Backup and Maintenance Service, of choosing to pay the rates and charges associated with a different Service Classification.

c) For Rate Code 292, customers must have Advanced Metering Infrastructure (AMI) installed to qualify.

↳d) Customers who are not eligible for: Voluntary Small General Service with Multiple Rate Periods (2-VMRP):

(1) Effective January 1, 2019, this service classification Rate Code 288 is no longer available to new or transferring customers. Customers may request Rate Code 292 or Service Classification No. 16.

(+) (2) A customer is not eligible to return to Rate Code 292 for a period of 12 months from its date of exit from Rate Code 292.

**2. Character of Service**

a) Continuous, 60 hertz, alternating current.

b) Radial secondary service at approximately 120/208, 120/240 or 277/480 volts, single or three phase; network system 120/208 or 277/480 single or three phase; depending on the size and characteristics of the load and the circuit supplying the service.

**3. Seasons (for Rate Code 292)**

Summer Season: June 1 through September 30 inclusive

Winter Season: December 1 through March 31 inclusive

Shoulder Season: April 1 through May 31 inclusive and October 1 through November 30 inclusive

**4. Periods**

The rates will have multiple time periods in each day. The time periods within the schedule of rates for each rate code.

**5. Power Supply Charges (for Rate Code 292):**

a) The Power Supply Charge will vary for each period.

↳b) The Authority will publish the rates as part of the Statement of Power Supply Charge. The Statement will be available at the Authority's business offices.

**VIII. SERVICE CLASSIFICATIONS (continued):**

**E. SERVICE CLASSIFICATION NO. 2-VMRP**

**Voluntary Small General Service With Multiple Rate Periods: (continued)**  
**(Rate Code: 288, 292)**

6. Rates and Charges per Meter:

a) Schedule of Rates

The rates for this service code are found below

<u>Rate Code 288</u>	<u>June to September Inclusive</u>	<u>October to May Inclusive</u>
Meter Charge per day	\$.1200	\$.1200
Service Charge per day	\$.4200	\$.4200
Energy Charge per kWh		
Daylight Savings Time 8 p.m. to 10 a.m., and Saturday and Sunday	<u>Period 1</u> \$.0529	<u>Period 2</u> \$.0344
Daylight Savings Time 10 a.m. to 8 p.m. Weekdays	<u>Period 3</u> \$.3351	<u>Period 4</u> \$.0932

Rate Code 292

Service Charge per day     \$.XX

<u>Energy Charge per kWh</u>	<u>Summer Season</u>	<u>Winter Season</u>	<u>Shoulders Season</u>
<u>Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>
<u>Super Off-Peak</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>	<u>\$ 0. XXXX</u>

\* Super Off-Peak ~60% of Rate 280, Off-Peak will equal Rate 180 and Peak will be ~1.8 times the rate for 280 customers.

Periods:

Peak:                     3:00 PM – 7:00 PM Monday through Friday excluding Federal Holidays

Off-Peak:                6:00 AM – 3:00 PM and 7:00 PM – 10:00 PM Monday through Friday,  
and 6:00 AM – 10:00 PM on Saturday, Sunday and Federal Holidays

Super Off-Peak:        10:00 PM – 6:00 AM all days

b) Adjustments to Rates and Charges

Each Customer's bill will be adjusted for the Power Supply Charge, Increases in Rates and Charges to Recover PILOT Payments, the Shoreham Property Tax Settlement Rider, the Distributed Energy Resources Cost Recovery Rate, the New York State Assessment Factor, Revenue Decoupling Mechanism, the Securitization Offset Charge, and the Delivery Service Adjustment.

~~7.6. Minimum Charge~~



~~The Minimum Charge is the Service and Meter Charge, plus Adjustments to Rates and Charges.~~

~~8.6. Terms of Payment~~

~~The Customer shall pay the balance due in cash, including checks and money orders, on receiving the bill. Late payments shall be subject to Late Payment Charges.~~

**VIII. SERVICE CLASSIFICATIONS (continued):****E. SERVICE CLASSIFICATION NO. 2-VMRP****Voluntary Small General Service With Multiple Rate Periods: (continued)**  
**(Rate Code: 288, 292)****7. Minimum Charge**

The Minimum Charge is the Service and Meter Charge, plus Adjustments to Rates and Charges.

**8. Terms of Payment**

The Customer shall pay the balance due in cash, including checks and money orders, on receiving the bill. Late payments shall be subject to Late Payment Charges.

**9. Term of Service**

~~The Authority will provide service to the Customer for one (1) year from the start of service and renewed annually after that, unless service is terminated either by the Customer or the Authority.~~

~~a) The Customer shall give the Authority five (5) days written notice before its Anniversary Date when requesting termination of service.~~

~~b) The Authority may terminate service to the Customer in accordance with the provisions of this Tariff.~~

~~The Authority will not renew service within one (1) year of termination at the same location for the same Customer.~~

~~a) The Authority will provide service to the Customer until service is terminated either by the Customer or the Authority.~~

~~b) The Customer shall give the Authority five (5) days written notice when requesting termination of service.~~

~~c) The Authority may terminate service to the Customer in accordance with the provisions of this Tariff.~~

**10. Special Provisions****a) Corrective Equipment Requirements**

When the installation includes welders, x-rays, or other apparatus having a highly fluctuating or large instantaneous demand, the Customer shall provide batteries, rotating equipment, or other corrective equipment to reduce the inrush current to an amount acceptable to the Authority.

**b) Transfer to Service Classification Nos. 2-L, or 2L-VMRP**

(1) Customers will be transferred to Service Classification Nos. 2-L, or 2L-VMRP when:

(a) For monthly-billed Customers, electric use during the last twelve (12) months has equaled or been greater than 2000 KWH in each of two (2) consecutive monthly billing periods, or

- (b) For bimonthly-billed Customers, electric use during the last twelve (12) months has equaled or been greater than 4000 KWH in two (2) consecutive bimonthly billing periods.
- (2) The transfer will take place within ninety (90) days after the Authority certifies that the Customer qualifies for the service.

**VIII. SERVICE CLASSIFICATIONS (continued):****E. SERVICE CLASSIFICATION NO. 2-VMRP****Voluntary Small General Service With Multiple Rate Periods: (continued)****(Rate Code: 288, ~~292~~)****Special Provisions (continued):**c) Excelsior Jobs Program

The Excelsior Jobs Program is intended to encourage businesses to expand or relocate to the Authority's Service Area.

(1) The Authority's discount is available to certified participants who increase their load by at least 25%, to a minimum of 7 KW within one year of Excelsior Jobs Program certification, and

(2) Customers who qualify would be transferred to an appropriate demand-meter rate (Service Classifications 2-L, 2L-VMRP, or 2-MRP) and receive rate discounts on charges for the additional energy used as stated under that Service Classification.

d) Service for Religious Purposes, Supervised Community Residences or Veterans' Organizations

(1) Customers under this Service Classification who use electricity for religious purposes, for Community Residences or Veterans' Organizations as specified in Section 76 of the Public Service Law, may apply for a suitable residential service after a minimum term of one (1) year.

(2) The transferring Customer shall submit a new Application to the Authority before the transfer, and

(3) The transfer will take place at the time of the Customer's next meter reading.

**IX. Long Island Choice Program (continued):****C. SERVICE CLASSIFICATION NO. 14 ESCO and DRC Services (continued):****(Rate Codes: 390)****Rates, Charges and Credits per Month (continued):**

- (1) Special Meter Reading: ESCOs and DRCs may request a special meter read before the regularly scheduled read, providing the request is made seventy-two (72) hours before the date the read is needed. The ESCO or DRC shall pay the following charges:

<u>Description</u>	<u>Charge</u>
(a) Site visits during the hours of 8:30 a.m. to 4:00 p.m., weekdays excluding <u>PSEG Long Island</u> holidays	\$32.05
(b) Site visits during the hours of 4:00 p.m. through 7:00 p.m. on weekdays or 8:30 a.m through 4:00 p.m. on Saturday, when requested by the ESCO	\$37.75

**XIII. Dynamic Load Management****A. Direct Load Control Program****1. Purpose and Applicability:**

The Direct Load Control ("DLC") Program allows the Authority to remotely control the Participating Customer's Control Device to reduce the Customer's load during an Event. The program utilizes third-party Control Devices Providers to identify Participants and install and manage the Control Devices that meet the Authority's specifications for communications.

Participation is applicable to Customers served at Primary and Secondary voltage in the Service Classifications listed below in all locations within the Service Area, except for those described in the Statement of Direct Load Control Program Payments.

Service Classification No. 1 (Rate Codes 180, 580; excluding 480 and 481)

Service Classification No. 1-VMRP (L) (Rate Codes 181, 182, 184)

Service Classification No. 1-VMRP(S) (Rate Code 188)

Service Classification No. 1-VTOU (Rate Codes 190, 191, 192, 193)

Service Classification No. 2 (Rate Code 280)

Service Classification No. 2-VMRP (Rate Code 288, 292)

Service Classification No. 2-L (Rate Codes 281, 291, 283)

Service Classification No. 2L-VMRP (Rate Codes 282, M282)

Service Classification No. 2-MRP (Rate Codes 284, 285, M284, M285)

Service Classification No. 16-AMI (Rate Codes M188, M288)

**2. Eligibility:**

To participate under this program, a Customer must have load controllable equipment and agree to the installation of a Control Device.

This program is not available to Customers who participate either directly or indirectly through a third party, under any other Authority or NYISO demand-response program.

The Manager may, in the future, offer an alternate direct load control program through a third-party vendor to customers in a defined geographic area. In coordination with non-wires alternatives such as these, eligibility for the DLC program for Customers within such designated area(s) may be temporarily restricted such that only Customers who have applied to and been rejected from the alternate third-party vendor program will be eligible for enrollment within the Authority's DLC program. Such restriction on application to the DLC program shall cease upon the earlier of (a) the date on which the alternate program achieves the amount of peak load reduction in the designated area specified by the Manager, and (b) the exclusivity deadline specified by the Manager. A list of geographic areas in which this provision applies will be set forth in the Statement of Direct Load Control Program Payments which will be amended from time to time to reflect new and completed alternate programs.

**3. Definitions:**

Control Device: A device installed on the Customer's load controllable equipment via a smart plug or embedded control that allows the Authority to remotely control the equipment when an Event is called. For purposes of this program, Control Device means one or more devices as may be required to control the equipment. Each Control Device contains a feature that allows the Customer to override the Authority's control of the Customer's equipment. The Control Device must be provided, installed, and connected to the Internet by the Customer or an approved Control Device Provider in a manner that ensures communications between the Authority and the Control Device.

**XIII. Dynamic Load Management****A. Commercial System Relief Program****1. Purpose and Availability**

The Commercial System Relief Program is being offered by the Authority to enable participating eligible customers to be compensated for reducing their load under certain conditions when called upon by the Authority to do so.

The program is available to any Customer served at transmission, primary or secondary voltage and taking service under one of the Service Classifications shown below; and to any Aggregator that meets the requirements of this Rider.

Service Classification No. 1 (Rate Codes 180, 580; excluding 480, 481)

Service Classification No. 1-VMRP(L) (Rate Codes 181, 182, 184)

Service Classification No. 1-VMRP(S) (Rate Codes 188)

Service Classifications No. 1-VTOU (Rate Codes 190, 191, 192, 193)

Service Classification No. 2 (Rate Code 280)

Service Classification No. 2-VMRP (Rate Code 288, 292)

Service Classification No. 2-L (Rate Codes 281, 291, 283)

Service Classification No. 2L-VMRP (Rate Codes 282, M282)

Service Classification No. 2-MRP (Rate Codes 284, 285, M284, M285)

Service Classification Nos. 11, 12, and 13 (Rate Codes 289, 680, 681, 278)

Service Classification No. 16-AMI (Rate Code M188, M288)

Customers who take service pursuant to the Direct Load Control Program are not eligible to participate in this program.

Customer-generators subject to Value Stack compensation may choose to waive the DRV compensation of the Value Stack and opt-in to participating in the Commercial System Relief Program (CSRP). Opting into the CSRP program is a one-time irreversible decision which may be made at any point during the project's Value Stack compensation period. .

The Metropolitan Transportation Authority for Traction Power Service to the Long Island Rail Road and Brookhaven National Laboratories pursuant to a Sale for Resale agreement between the Authority and the New York Power Authority (both as referenced on Leaf 271) are not eligible to participate.

**2. Definitions:**

Aggregator: A party other than the Authority that represents and aggregates the load of Customers who collectively have a Load Relief potential of 50 kW or greater in an Authority Designated Area and is responsible for the actions of the Customers it represents, including performance and, as applicable, repayments to the Authority. A Direct Participant may combine multiple customer locations to meet the Load Relief potential requirements of an aggregator.

Authority Designated Area: An electrically defined area determined by the Authority to be approaching system capacity limits during peak periods. A current list of the Authority Designated Areas will be listed on the Manager's website and payments by area are listed on the Statement of Commercial System Relief Program Payments.

Capability Period: The period during which the Authority can request Load Relief. The Capability Period will be from May 1 through September 30.

### XIII. Dynamic Load Management

#### A. Commercial System Relief Program (continued): Definitions (continued):

CBL: A Customer Baseline Load Verification Methodology is calculated using one of the following three methods: (1) "5 of 10 Day Weather-Adjusted CBL"; (2) "5 of 10 Average-Day CBL"; or (3) "10 Day Weather-Adjusted CBL". The Customer Baseline Load methodologies are further described in the Authority's DLM operating procedures, which is available on the Manager's website.

CBL Verification Methodology: The methodology used by the Authority to verify the actual Load Relief provided (kW and kWh) during each hour of each designated Load Relief Period and Test Event. Actual load levels are compared to the customer baseline loads to verify whether the Direct Participant or Aggregator provided the kW of contracted Load Relief; provided, however, that the Authority may estimate the data pursuant to the Authority's operating procedure if data is not available for all intervals. When a weather-adjusted CBL methodology is used and the calculated weather adjustment falls outside of the Authority defined ranges (i.e., the Authority deems the weather to be atypical on the day of a Load Relief Period or Test Event when compared to the baseline period), the Authority may review and revise a participant's baseline based on the Customer's historical load data. When a weather-adjusted CBL methodology is used, the Authority, at its own discretion, may select alternate hours for the adjustment period to calculate the weather adjustment in order to accurately reflect the customer's typical usage.

Contracted Hours: The four-hour period within a weekday, Monday through Friday during the Capability Period excluding ~~federal holidays~~ PSEG Long Island Holidays, during which the Direct Participant or Aggregator contracts to provide Load Relief in an Authority Designated Area whenever the Authority designates a Planned Event. The Load Relief Period will be identified for each Authority Designated Area on the Manager's website.

Direct Participant: A Customer who enrolls under this Program directly with the Authority for a single account and agrees to provide at least 50 kW of Load Relief.

Electric Generating Equipment: (a) electric generating equipment that is served under Service Classification Nos. 11 or 12 and used to provide Load Relief under this Program; or (b) emergency electric generating equipment that is interconnected and operated in compliance with Authority rules governing Emergency Generating Facilities used for self supply and used to provide Load Relief under this Program.

Load Relief: Power (kW) and energy (kWh): (a) ordinarily supplied by the Authority that is displaced by use of Electric Generating Equipment and/or reduced by the Direct Participant or Aggregator at the Customer's premises; or (b) that is produced by use of Electric Generating Equipment by a customer taking service pursuant to Service Classification No. 11 and delivered by that Customer to the Authority's distribution system during a Load Relief Period.

Load Relief Period: The hours for which the Authority requests Load Relief when it designates a Planned Event or an Unplanned Event.

New Participant: An Aggregator or Direct Participant that has not previously participated in a call for Load Relief under the Commercial System Relief Program.

Performance Adjusted kW: The kW level that a Direct Participant or Aggregator requests to provide subsequent to the Direct Participant or Aggregator performance during an event



**XIII. Dynamic Load Management****A. Commercial System Relief Program (continued):****3. Applications for Participation**

- a) Applications for participation under this program must be made electronically. Direct Participants and Aggregators may participate after the Authority's receipt and approval of a completed application. The Authority will accept an application by April 1 for a May 1 commencement date, by May 1 for a June 1 commencement date, or by June 15 for a July 1 commencement date. However, if the application is received by April 1 and the Authority does not bill the participant monthly using interval metering at the time of application, participation may commence on July 1 provided all conditions in section XIII.B.6. are satisfied.
- b) The desired commencement month must be specified in the application. Applications will not be accepted after the specified date for participation during the current Capability Period. If the first of the month falls on a weekend or ~~holiday~~ PSEG Long Island Holiday, applications will be accepted until the first business day thereafter.
- c) The Authority will accept applications for participation in the Voluntary Participation Option under the Program at any time provided the metering and communications requirements are satisfied as specified in Section XIII.B.6.
- d) Participants without Qualifying Paired Battery Storage Equipment and without Eligible Net Metering Technology will receive the "5 of 10 Day Weather Adjusted CBL" as the default CBL Verification Methodology unless the application specifies that the "10 Day Weather – Adjusted CBL" or the "5 of 10 Average-Day CBL" is to be used for verification of performance. A single CBL Verification Methodology will be used for each customer to assess both energy (kWh) and demand (kW) Load Relief.
- e) Qualifying Paired Battery Storage Equipment and Eligible Net Metering Technology will receive the "10 Day Weather-Adjusted CBL" for verification of performance.
- f) Participants without Qualifying Paired Battery Storage Equipment and without Eligible Net Metering Technology may apply in writing prior to the start of the Capability Period to change the CBL Verification Methodology.
- g) A Direct Participant or Aggregator may apply in writing, prior to the start of the Capability Period, to change the kW of pledged Load Relief, or to terminate service under this Program for the upcoming Capability Period provided the request is received prior to commencing participation for that Capability Period. In order for a Direct Participant or Aggregator to increase its kW of contracted Load Relief in an Authority Designated Area, the Direct Participant's or Aggregator's most recent Performance Factor in that Authority Designated Area must be no less than 1.00.
- h) Each application must state the kW of Load Relief that the Direct Participant or Aggregator contracts to provide for the Load Relief Period. Load Relief of an Aggregator will be measured on a portfolio basis separately for each Authority Designated Area.

**4. Notification by the Authority and Required Response**

The Authority will notify Direct Participants and Aggregators by phone, e-mail, or machine-readable electronic signal, or a combination thereof, in advance of the commencement of a Load Relief Period or Test Event. The Direct Participant or Aggregator will designate in writing an authorized representative and an alternate representative, and include an electronic address if applicable, to receive the notice. If an Aggregator is served under this Program, only the Aggregator will be notified of the Load Relief Period or Test Event. The Aggregator is responsible for notifying all of the customers within its respective aggregation group.

### XIII. Dynamic Load Management

#### B. Distribution Load Relief Program

##### 1. Purpose and Availability

The Distribution Load Relief Program is being offered by the Authority to enable participating eligible customers to be compensated for reducing their load under certain conditions when called upon by the Authority to do so.

The program is available to any Customer served at primary or secondary voltage and taking service under one of the Service Classifications shown below; and to any Aggregator that meets the requirements of this Rider.

Service Classification No. 1 (Rate Codes 180, 580; excluding 480, 481)

Service Classification No. 1-VMRP(L) (Rate Codes 181, 182, 184)

Service Classification No. 1-VMRP(S) (Rate Codes 188)

Service Classifications No. 1-VTOU (Rate Codes 190, 191, 192, 193)

Service Classification No. 2 (Rate Code 280)

Service Classification No. 2-VMRP (Rate Code 288, 292)

Service Classification No. 2-L (Rate Codes 281, 291, 283)

Service Classification No. 2L-VMRP (Rate Codes 282, M282)

Service Classification No. 2-MRP (Rate Codes 284, 285, M284, M285)

Service Classification Nos. 11, 12, and 13 (Rate Codes 289, 680, 681, 278)

Service Classification No. 16-AMI (Rate Code M188, M288)

Customers who take service pursuant to the Direct Load Control Program are not eligible to participate in this program.

The Metropolitan Transportation Authority for Traction Power Service to the Long Island Rail Road and Brookhaven National Laboratories pursuant to a Sale for Resale agreement between the Authority and the New York Power Authority (both as referenced on Leaf 271) are not eligible to participate.

##### 2. Definitions:

Aggregator: A party other than the Authority that represents and aggregates the load of Customers who collectively have a Load Relief potential of 50 kW or greater in an Authority Designated Area and is responsible for the actions of the Customers it represents, including performance and, as applicable, repayments to the Authority. A Direct Participant may combine multiple customer locations to meet the Load Relief potential requirements of an Aggregator.

Authority Designated Area: An electrically defined area determined by the Authority to be approaching system capacity limits during peak periods. A current list of the Authority Designated Areas will be listed on the Manager's website and Reservation Payments by area are listed on the Statement of Distribution Load Relief Program Payments.

Capability Period: The period during which the Authority can request Load Relief. The Capability Period will be from May 1 through September 30.

### XIII. Dynamic Load Management

#### C. Distribution Load Relief Program (continued):

##### 4. Applications for Participation

- a) Applications for participation under this program must be made electronically. Direct Participants and Aggregators may participate after the Authority's receipt and approval of a completed application. The Authority will accept an application by April 1 for a May 1 commencement date, by May 1 for a June 1 commencement date, or by June 15 for a July 1 commencement date. However, if the application is received by April 1 and the Authority does not bill the participant monthly using interval metering at the time of application, participation may commence on July 1 provided all conditions in section XIII.C.7. are satisfied. Applicants with existing requisite metering and communication capabilities as specified in Section XIII.B.6. who wish to participate in the program on a voluntary basis may apply at any time.
- b) The desired commencement month must be specified in the application. Applications will not be accepted after the specified date for participation during the current Capability Period. If the first of the month falls on a weekend or ~~holiday~~ PSEG Long Island Holiday, applications will be accepted until the first business day thereafter.
- c) Participants without Qualifying Paired Battery Storage Equipment and without Eligible Net Metering Technology, the "5 of 10 Day Weather Adjusted CBL" will be the default CBL Verification Methodology, unless the application specifies that the "10 Day Weather-Adjusted CBL" or "5 of 10 Day Average-Day CBL" is to be used for verification of performance. A single CBL Verification Methodology will be used for each customer to assess both energy (kWh) and demand (kW) Load Relief.
- d) Qualifying Paired Battery Storage Equipment and Eligible Net Metering Technology will receive the "10 Day Weather-Adjusted CBL" for verification of performance.
- e) Participants without Qualifying Paired Battery Storage Equipment and without Eligible Net Metering Technology may apply in writing prior to the start of the Capability Period to change the CBL Verification Methodology.
- f) A Direct Participant or Aggregator may apply in writing prior to the start of the Capability Period, to change the kW of pledged Load Relief, or to terminate service under this Program for the upcoming Capability Period provided the request is received prior to commencing participation for that Capability Period. In order for a Direct Participant or Aggregator to increase its kW of contracted Load Relief in an Authority Designated Area, the Direct Participant's or Aggregator's most recent Performance Factor in that Authority Designated Area must be no less than 1.00.
- g) Each application must state the kW of Load Relief that the Direct Participant or Aggregator contracts to provide for the Load Relief Period. Load Relief of an Aggregator will be measured on a portfolio basis separately for each Authority Designated Area.

##### 5. Load Relief Period Criteria

- a) Criteria for Designating a Load Relief Period: If the Authority declares a need for emergency or non-emergency relief, within the limitations described by 40 CFR 63.6640 subparts (f) (2) and (f)(4,) or if a voltage reduction of five percent or greater has been ordered, the Authority may designate such period as a Load Relief Period. The Authority may designate specific feeders or geographical areas in which Load Relief shall be requested.

**Long Island Power Authority**

Statement of Power Supply Charge

Applicable to billings under all Service Classifications  
As set forth in the Tariff for Electric Service

Applicable to billings under all Service Classifications other than Service Classifications No. 1-VTOU and No. 2-VMRP as set forth in the Tariff for Electric Service

Power Supply Charge as adjusted to Achieve  
Targeted Level of Revenues, cents/kWh (1) .....x.xxxx

Applicable to billings under Service Classification No. 1-VTOU and No. 2-VMRP Rate Code 292 as set forth in the Tariff for Electric Service

Rate Code	Power Supply TOU Period			TOU Power Supply Charge		
	Adjustment Factors					
	Peak Hours	Off-Peak Hours / Day Time Hours	Super Off-Peak Hours	Peak Hours	Off-Peak Hours / Day Time Hours	Super Off-Peak Hours
190	198.72%	100%	60%	x.xxxx	x.xxxx	x.xxxx
191	169.44%	100%	60%	x.xxxx	x.xxxx	x.xxxx
192	176.89%	100%	60%	x.xxxx	x.xxxx	x.xxxx
193	n/a	111.57%	60%	n/a	x.xxxx	x.xxxx
292	161.08%	100%	60%	x.xxxx	x.xxxx	x.xxxx

(1) The Average Cost of the Power Supply Charge, as adjusted to Achieve Targeted Level of Revenues, is set pursuant to the Board of Trustees' March 27, 2003, April 27, 2006, June 22, 2006 and October 25, 2012 resolutions, which provide for recovery of approximately \$~~188-XXX~~ million of targeted revenues for the month of ~~August 2020~~February 2021.

Effective: ~~August 1, 2020~~February 1, 2021