

Grid-Connected Electric Storage System Charges

For systems sized greater than **5MW** and connected to the distribution system participating with NYISO

Consolidated Edison Company of New York, Inc.

Charges Applicable to Grid-Connected Electric Energy Storage Systems Sized Greater than 5 MW Connected to the Company's Distribution System Participating with the NYISO

There will be two sets of Con Edison charges applicable to you: (1) the charges you will incur when you charge the energy storage system as set forth in the Company's Schedule for Electricity Service – P.S.C. No. 10 – Electricity ("PSC Tariff");¹ and (2) the charge you will pay associated with your ability to export power to be sold to the NYISO as set forth in Con Edison's FERC Wholesale Distribution Service Tariff ("Wholesale Tariff").²

The attached chart summarizes all tariffed rates and charges as of September 1, 2019 under the PSC Tariff and the Wholesale Tariff.

Charging

As shown on the chart, under the PSC Tariff, service for electric energy storage systems sized greater than 5 MW connected to the Company's distribution system will be provided under the Standby Service rates of SC No. 9. Given that the size of the electric energy storage system must be greater than 5 MW, Rate V of SC No. 9 is the most likely rate that would apply.³ The charges will be those listed for "Applicable to all Customers, except for Station Use by Wholesale Generators" and will vary based on whether there is a Low Tension Service or High Tension Service.⁴ As the projects considered in the scope of this document would be subject to Standby Service Rates, some projects may qualify for the Company's Standby Service Rate Pilot – Rider Q. Since this is a rate pilot, enrollment is limited to a maximum program MW threshold. Therefore not all projects will be able to participate in this rate pilot.

Other charges shown on the chart are described in the PSC Tariff and the per unit rates will either be contained in the PSC Tariff or on separate statements to the PSC Tariff. The chart outlines where you can find each rate and where each rate is described in the PSC Tariff.

In addition, please be aware that any auxiliary power will be metered and charged separately. The auxiliary power will most likely be charged under the non-Standby Service rates of SC No. 9 and you will be responsible for all associated charges applicable to this service classification.

Discharging

The provisions of the Wholesale Tariff are also applicable. Article III describes how the Wholesale Distribution Service charges are assessed. The charges themselves are set forth in Appendix No. 2 and vary based on: (1) the Wholesale Distribution Quantity size (1.5 MW or less or greater than 1.5 MW); and (2) whether the electric energy storage system is connected to the primary distribution system or the secondary distribution system.

¹ Under the PSC Tariff, you will be considered a Standby Service customer and the provisions of General Rule 20 will apply to you.

² Since you are participating directly with the NYISO, the provisions of Buyback Service under SC No. 11 of the PSC Tariff do not apply.

³ As per SC No. 9, the applicability of Rate V is generally based on having a contract demand exceeding 1.5 MW or receiving high tension service at 138 kV. Rate IV is applicable to SC No. 9 Standby Service customers who are not subject to billing under Rate IV.

⁴ Under Rate V, there is a further distinction in rates for High Tension Service below 138 kV and High Tension Service at 138 kV.

Consolidated Edison Company of New York, Inc.
Summary of Rates Applicable for Electric Energy Storage Over 5 MW Participating Directly with the NYISO and Connected to the Company's Distribution System¹

Charges Applicable to All Standby Service Customers Under P.S.C. No. 10 - Electricity²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Customer Charge	General Rule 20 and SC No. 9	\$ / Month	SC No. 9 Rate V ³
Contract Demand Charge ⁴	General Rule 20 and SC No. 9	\$ / kW of Contract Demand	SC No. 9 Rate V
As-Used Daily Demand Charge	General Rule 20 and SC No. 9	\$ / kW of As-Used Demand	SC No. 9 Rate V
Metering Services Charge	SC No. 9	\$ / Month	SC No. 9 Rate V
Reactive Power Demand Charge	General Rule 10.11	\$ / kVAR of Billable Reactive Power	General Rule 10.11
MAC and MAC Adjustment Factor	General Rule 26.1	\$ / kWh	Statement of MAC Summary of Statement of Adjustment Factor - MAC
Billing and Payment Processing Charge	General Rule 26.3	\$ / Bill	General Rule 26.3
System Benefits Charge	General Rule 26.4	\$ / kWh	Statement of System Benefits Charge
Clean Energy Standard Delivery Charge	General Rule 26.5	\$ / kWh	Statement of Clean Energy Standard Delivery Surcharge
Dynamic Load Management Surcharge	General Rule 26.6	\$ / kW of Contract Demand	Statement of Dynamic Load Management Surcharge
Value of Distributed Energy Resources Cost Recovery	General Rule 26.8	Various	Statement of VDER Value Stack Cost Recovery
Delivery Revenue Surcharge	General Rule 26.7	\$ / kWh	Statement of Delivery Revenue Surcharge
Tax Sur-Credit	General Rule 26.9	\$ / kWh	Statement of Tax Sur-Credit
Transition Adjustment for Competitive Services	General Rule 28	\$ / kWh	Shown on MAC Statement and MFC Statement
Charges Applicable to Standby Service Customers Under the Wholesale Distribution Service Tariff In Addition to Those Listed Above²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Wholesale Distribution Service Charge	Appendix No. 2	\$ / kW of Contract Demand	Appendix 2 to Attachment O of the Con Edison OATT

1. Charges listed are as of September 2019. Any new surcharges after this date that are approved for Standby Service and the Wholesale Distribution Service Tariff will also apply.

2. Charges will be increased by tax factors as described in General Rule 30, Increase in Rates Applicable in Municipality Where Service is Supplied
[Statement of Percentage Increase in Rates and Charges](#)
 Sales Taxes may also apply (for example, see link below)
<https://www1.nyc.gov/site/finance/taxes/business-nys-sales-tax.page>

3. Given the characteristics of the Electric Energy Storage System, SC No. 9 Rate V will be the most likely rate applicable; however, in rare cases depending on the charging pattern of the storage system, there is the possibility of the account taking service under SC No. 9 Rate IV.

4. Contract demand is ratcheted up if the maximum monthly demand exceeds the existing contract demand.
 If the customer sets contract demand and it is exceeded in any month by at least 10%, there will be a penalty assessed on the customer.

Orange and Rockland Utilities, Inc.

Charges Applicable to Grid-Connected Electric Energy Storage Systems Sized Greater than 5 MW Connected to the Company's Distribution System Participating with the NYISO

There will be two sets of O&R charges applicable to you: (1) the charges you will incur when you charge the energy storage system as set forth in the Company's Schedule for Electric Service – P.S.C. No. 3 – Electricity ("PSC Tariff");¹ and (2) the charge you will pay associated with your ability to export power to be sold to the NYISO.²

The attached chart summarizes all tariffed rates and charges as of September 1, 2019 under the PSC Tariff.

Charging

As shown on the chart, under the PSC Tariff, service for electric energy storage systems sized greater than 5 MW connected to the Company's distribution system will be provided under the Standby Service rates of SC No. 25. Given that the size of the electric energy storage system must be greater than 5 MW, Rate 3 – Primary of SC No. 25 is the most likely rate that would apply.

Other charges shown on the chart are described in the PSC Tariff and the per unit rates will either be contained in the PSC Tariff or on separate statements to the PSC Tariff. The chart outlines where you can find each rate and where each rate is described in the PSC Tariff.

In addition, please be aware that any auxiliary power will be metered and charged separately. The auxiliary power will most likely be charged under the non-Standby Service rate of SC Nos. 2 or 3 and you will be responsible for all associated charges applicable to this service classification.

Discharging

The provisions of a Wholesale Tariff will also be applicable. The Company will be filing for such tariff in the near future.

¹ Under the PSC Tariff, you will be considered a Standby Service customer and the provisions of SC No. 25 will apply to you.

² Since you are participating directly with the NYISO, the provisions of Buyback Service under SC No. 15 of the PSC Tariff do not apply. The Company will be filing a Wholesale Distribution Services Tariff with FERC in the near future.

Orange and Rockland Utilities, Inc.

Summary of Rates Applicable for Electric Energy Storage Over 5 MW Participating Directly with the NYISO and Connected to the Company's Distribution System¹

Charges Applicable to All Standby Service Customers Under P.S.C. No. 3 - Electricity²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Customer Charge	SC No. 25	\$ / Month	SC No. 25 Rate 3 - Primary ³
Contract Demand Charge ⁴	SC No. 25	\$ / kW of Contract Demand	SC No. 25 Rate 3 - Primary
As-Used Daily Demand Charge	SC No. 25	\$ / kW of As-Used Demand	SC No. 25 Rate 3 - Primary
Metering Services Charge	SC No. 25	\$ / Month	SC No. 25 Rate 3 - Primary
Reactive Power Demand Charge	General Information Section 7.16	\$ / kVAR of Billable Reactive Power	General Information Section 7.16
ECA	General Information Section 25	\$ / kW of Contract Demand and \$/kWh	ECA Statements
Billing and Payment Processing Charge	General Information Section 7.5	\$ / Bill	General Information Section 7.5
System Benefits Charge	General Information Section 26	\$ / kWh	SBC Statements
Clean Energy Standard Delivery Charge	General Information Section 31	\$ / kWh	CESD Statements
Dynamic Load Management Surcharge	General Information Section 24	\$ / kW of Contract Demand	DLM Statements
Value of Distributed Energy Resources Cost Recovery	General Information Section 27	Various	VDER Statement
Delivery Revenue Surcharge	General Information Section 33	\$ / kWh	DRS Statement
Transition Adjustment for Competitive Services	General Information Section 29	\$ / kWh	TACS Statements
Municipal Surcharges	General Information Section 20	\$ / kWh	Municipal Surcharge Statements
Charges Applicable to Standby Service Customers Under the Wholesale Distribution Service Tariff In Addition to Those Listed Above²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Wholesale Distribution Service Charge			TARIFF TO BE FILED

1. Charges listed are as of September 2019. Any new surcharges after this date that are approved for Standby Service and the Wholesale Distribution Service Tariff will also apply.

2. Charges will be increased by tax factors as described in General Information Section 19, Increase in Rates Applicable in Municipality Where Service is Supplied [Statement of Percentage Increase in Rates and Charges](#).
Sales Taxes may also apply

3. Given the characteristics of the Electric Energy Storage System, SC No. 25 Rate III will be the most likely rate applicable; however, in rare cases depending on the charging pattern of the storage system, there is the possibility of the account taking service under SC No. 25 Rate II.

4. Contract demand is ratcheted up if the maximum monthly demand exceeds the existing contract demand.
If the customer sets contract demand and it is exceeded in any month by at least 10%, there will be a penalty assessed on the customer.