

OPTIONAL TARGETED SERVICE RATE: B-ES
GENERAL SERVICE – ENERGY STORAGE

AVAILABILITY

This Rate is available to customers with electric storage facility charging load and who meet the availability and character of service criteria listed under one of the following general service rate schedules: SGS, SGS-TOU, MGS-P, MGS-S, MGS-P-TOU, MGS-S-TOU, IGS-P-TOU, IGS-S-TOU, LGS-P-TOU, LGS-S-TOU, LGS-ST-TOU, or LGS-T-TOU. Energy storage facilities shall mean resources capable of receiving electric energy from CMP's transmission and distribution system and storing the electric energy for release to CMP's system at a later time. Customers also must meet the eligibility criteria detailed below.

ELIGIBILITY CRITERIA

A. The charging load for a qualifying energy storage facility must be metered separately from all other electricity consumption at the customer's service location. The energy storage charging load must be reported under a separately identified regional network load that does not include station service load or any other load. Only the electricity consumption related to energy storage charging load is eligible to take service under this Rate.

B. The energy storage facility must provide one or more of the following services to ISO-New England: reactive power voltage support, operating reserves, regulation and frequency response, balancing energy supply and demand, or addressing a reliability concern. Energy storage facilities shall be considered to be balancing energy supply and demand when they are responding to ISO-New England dispatch instructions in the real-time energy market.

C. This Rate does not apply to customers taking short-term delivery service.

DEMAND

For customers with maximum measured non-coincident demands below 400 kW and taking service under a rate option that is not time-differentiated, the monthly non-coincident peak demand shall be the highest 15-minute integrated kW demand registered during the month as determined by the Company.

For customers taking service under time-differentiated rates, the monthly non-coincident peak demand for each period, on-peak or shoulder, shall be the highest 15-minute integrated kW demand registered in each period during the month as determined by the Company.

For all customers taking service under this Rate, the monthly coincident peak demand shall be the highest 15-minute integrated kW demand registered during the calendar month at the time of the Company's monthly system peak.

Effective Date: June 1, 2022

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DEMAND (Continued)

For customers with maximum measured non-coincident demands below 400 kW, the reactive demand will be determined for three phase service only and where the power factor of the customer's load is determined by the Company to be less than 90% lagging. For customers with maximum measured non-coincident demands below 400 kW and taking service under a rate option that is not time-differentiated, the reactive demand shall be the highest 15-minute integrated kVar demand registered during the month. For customers with maximum measured demands below 400 kW and taking service under a time-differentiated rate option, the reactive demand shall be the highest 15-minute integrated kVar demand registered during any on-peak period during the month.

For all other customers, the reactive demand shall be the highest 15-minute integrated kVar demand registered in any on-peak period during the month.

BASIC RATE PER MONTH

Customers Eligible For Service Under

	MGS-P	MGS-S	MGS-P-TOU	MGS-S-TOU
Service Charge				
Single Phase	107.41	38.42	117.66	41.87
Three Phase	166.68	50.01	174.45	53.88
Demand Charges				
Non-Transmission				
All Hours: July & August	4.77 /kW	4.39 /kW		
All Hours: Sept - June	3.97 /kW	3.46 /kW		
On-Peak: July & August			2.71 /kW	3.68 /kW
On-Peak: Sept - June			2.25 /kW	3.07 /kW
Shoulder: July & August			2.71 /kW	3.68 /kW
Shoulder: Sept - June			2.25 /kW	3.07 /kW
Transmission	0.73 /kW	0.79 /kW	0.73 /kW	0.79 /kW
KWH Charges	(0.000180)/kWh	0.002331/kWh		
On-Peak: July & August			0.002539/kWh	0.002821/kWh
On-Peak: Sept - June			0.002539/kWh	0.002821/kWh
Shoulder: July & August			0.002539/kWh	0.002821/kWh
Shoulder: Sept - June			0.002539/kWh	0.002821/kWh
Off-Peak: July & August			0.002539/kWh	0.002821/kWh
Off-Peak: Sept - June			0.002539/kWh	0.002821/kWh
Reactive Demand Charge	0.92 /kVar	1.70 /kVar	1.30 /kVar	1.27 /kVar

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BASIC RATE PER MONTH (Continued)

Customers Eligible For Service Under				
	IGS-P-TOU	IGS-S-TOU	LGS-P-TOU	LGS-S-TOU
Service Charge	214.24	147.19	778.45	734.28
Demand Charges				
Non-Transmission				
All Hours: July & August				
All Hours: Sept - June				
On-Peak: July & August	3.48 /kW	2.60 /kW	3.59 /kW	3.34 /kW
On-Peak: Sept - June	2.90 /kW	2.16 /kW	2.99 /kW	2.78 /kW
Shoulder: July & August	3.48 /kW	2.60 /kW	3.59 /kW	3.34 /kW
Shoulder: Sept - June	2.90 /kW	2.16 /kW	2.99 /kW	2.78 /kW
Transmission	0.88 /kW	0.92 /kW	1.00 /kW	1.00 /kW
KWH Charges				
On-Peak: July & August	(0.001331)/kWh	(0.003161)/kWh	(0.001809)/kWh	(0.001068)/kWh
On-Peak: Sept - June	(0.001331)/kWh	(0.003161)/kWh	(0.001809)/kWh	(0.001068)/kWh
Shoulder: July & August	(0.001331)/kWh	(0.003161)/kWh	(0.001809)/kWh	(0.001068)/kWh
Shoulder: Sept - June	(0.001331)/kWh	(0.003161)/kWh	(0.001809)/kWh	(0.001068)/kWh
Off-Peak: July & August	(0.001331)/kWh	(0.003161)/kWh	(0.001809)/kWh	(0.001068)/kWh
Off-Peak: Sept - June	(0.001331)/kWh	(0.003161)/kWh	(0.001809)/kWh	(0.001068)/kWh
Reactive Demand Charge	1.12 /kVar	1.15 /kVar	1.05 /kVar	1.38 /kVar

Customers Eligible For Service Under				
	SGS	SGS-TOU		
Service Charge				
Single Phase	20.16	20.20		
Three Phase	25.67	34.22		
KWH Charges	0.033492/kWh			
Non-Transmission				
On-Peak		0.067585/kWh		
Shoulder		0.067585/kWh		
Off-Peak		0.014051/kWh		
Transmission (All Hours)	0.002509/kWh	0.002509/kWh		

Eligible energy storage facilities taking service at sub-transmission or transmission voltage levels will continue to take service under CMP's LGS-ST-TOU and LGS-T-TOU electric delivery rate schedules respectively except that Regional Network Service and Local Network Service charges shall be reduced to zero pursuant to ISO – New England Schedule 21, Section II.9.

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BASIC RATE PER MONTH (Continued)

The daily periods for weekdays (Monday through Friday, excluding holidays) shall be as follows:

On-Peak:	7:00 a.m. to 12:00 p.m. and 4:00 p.m. to 8:00 p.m.
Shoulder:	12:00 p.m. to 4:00 p.m.
Off-Peak:	8:00 p.m. to 7:00 a.m.

Saturdays, Sundays and holidays during December through March shall be treated as consisting of two shoulder periods, from 7:00 a.m. to 12:00 p.m. and from 4:00 p.m. to 8:00 p.m., with the remainder to be designated as off-peak. Saturdays, Sundays and holidays during April through November shall be designated as all off-peak.

TRANSMISSION CHARGE

The transmission charges in accordance with Subsection 44.1 of the Terms & Conditions are included in the above rates.

EFFICIENCY MAINE TRUST ASSESSMENT CHARGE

The Efficiency Maine Trust assessment charges in accordance with Subsection 49.1 of the Terms & Conditions are included in the above rates for customers taking service at secondary and primary voltage levels.

REACTIVE DEMAND CHARGE

For customers with non-coincident demands less than or equal to 1,000 kW, the applicable reactive demand charge from the table above will be applied to reactive demand in excess of 50% of the monthly kW demand or, for time-differentiated options, the monthly on-peak kW demand.

For customers with non-coincident demands greater than 1,000 kW, the applicable reactive demand charge from the table above will be applied to reactive demand in excess of 50% of the first 1,000 kW of monthly on-peak kW demand and 25% of all additional monthly on-peak kW demand.

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Vice President – Regulatory

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MINIMUM CHARGE

The Service Charge, plus the Non-Transmission Demand Charge, plus the Transmission Demand Charge, plus the Reactive Demand Charge, per month.

METERING

If metering facilities are required for time-of-use service which are in addition to, or in substitution of, the standard facilities which the Company would normally install to provide regular service, they shall be provided by the Company and the customer will be subject to an additional monthly charge in accordance with Section 13 of the Terms & Conditions.

CONTRACT

1. A contract shall be required for customers with loads of 2,000 kW or larger.
2. The contract shall specify the delivery point and voltage, phase characteristics, maximum available kVa capacity, billing criteria under the applicable rates(s), and any special conditions associated with the facilities providing the service.

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