

### **Definition**

"Net metering" means a system of metering electricity in which the Concord Municipal Light Plant (CMLP) provides credits on the Customer's bill for electricity generated on the Customer's property that migrates to (i.e. is received by) the CMLP distribution system when generation is greater than consumption at the Customer location.

### **Applicability**

This policy is intended for use at commercial properties only. CMLP will offer net metering to its customers who generate electricity on the Customer's side of the meter provided that the generating capacity of the customer's facility is greater than 10 kilowatts (kW) AC but does not exceed 167 kW AC.

CMLP will assume that the solar PV capacity in kW (AC) is the following:

$((\# \text{ of panels}) * (\text{PTC per Go Solar CA spreadsheet})) / (1,000 \text{ W} / \text{kW}) = \text{ \_\_\_\_ kW (AC)}$

Source data for Go Solar CA's PTC number is either PV Module List here:

[http://www.gosolarcalifornia.ca.gov/equipment/pv\\_modules.php](http://www.gosolarcalifornia.ca.gov/equipment/pv_modules.php)

### **Engineering Review**

Before net metering will be permitted, installations are subject to review by CMLP's engineering division to ensure that the amount of electricity projected to migrate to the distribution system does not exceed the capacity of the transformer serving the Customer, or adversely impact CMLP's distribution system in any other way.

### **Metering**

When the solar PV system wiring is installed in such a way that any solar electricity generated that is not used on the Customer's property at a given moment migrates to CMLP's distribution system, CMLP will replace the Customer's existing meter with a net meter. The net meter will record any solar electricity that migrates to CMLP's distribution system because it is not needed on the property at a given moment. A net meter will also record the amount of conventional electricity delivered to the Customer by CMLP, just as the Customer's existing meter has always done.

## Net Metering Credits

### ***Meter, Distribution and Demand Charges***

The Meter Charge, Distribution Charge and Demand Charge paid by the Customer are the same as the charges paid by the Customer under their regular General Service rate tariff. Net metering credits do not apply to these charges.

### ***Capacity and Transmission Charge***

Customers pay for Capacity and Transmission on only the net amount of electricity delivered (energy delivered by CMLP less energy migrating to CMLP's system.) If the Customer sends more energy to the distribution system than CMLP delivers to them, the Capacity and Transmission charge is zero. No credits are accrued for Capacity and Transmission charges for any energy migrating to CMLP's system that exceeds the purchases from CMLP during the billing period.

### ***Energy Charge***

Customers pay for Energy on only the net amount of electricity delivered (energy delivered to the Customer by CMLP less energy migrating to CMLP's system). If the Customer sends more energy to the distribution system than CMLP delivers to them, they are credited for the excess at the New England Independent System Operator's average monthly day ahead spot market price for the hours between 9am and 4pm. The 9-4 Spot Market price will fluctuate based on market conditions. It has generally ranged between \$0.02 and \$0.05 per kilowatt-hour (kWh).

On average, kWhs of solar electricity credited at the 9-4 Spot Market price will provide less financial benefit to the customer than kWhs of solar electricity that are subtracted from the billing units to which the Energy Charge is applied. The Energy Charge is \$0.07347 per kWh in 2021.

The Customer acknowledges that if the solar PV system is sized so that more electricity migrates to CMLP's distribution system than the Customer purchases from CMLP during a given month, the excess electricity will be credited at the generally lower 9-4 Spot Market price rather than subtracted from the billing units to which the higher Energy Charge applies.

This Solar PV Net Metering Policy Acknowledgement references CMLP's Rate G-1, G-2, G-3 NET MTR: General Service Net Metering Rate, available on CMLP's website at <https://concordma.gov/DocumentCenter/View/13235/General-Service-Net-Metering-PDF>. The Net Metering Rate is subject to change.

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Customer Signature

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Customer Address

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Customer Name

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Date

May 2019