

Net-Metering in Vermont

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Net-Metering: A Billing Arrangement



Bill Details

1234 MAIN STREET

New Charges

119 Total KWH Consumed	
291 Total KWH Generated	
0 Total KWH Net Billed @ \$0.1484	
172 Total KWH Excess Credit @ \$-0.1484	-\$25.52
Customer Charge: 29 Days @ \$0.433	\$12.56
Electric Assistance Program Fee	\$1.00
376 Total KWH Generation	
376 Solar Incentive KWH @ \$-0.06	-\$22.56
New Actual Charges	-\$34.52

Adjustments

Transfer Credit To/From Net Meter Bank	\$48.08
Total Adjustments	\$48.08

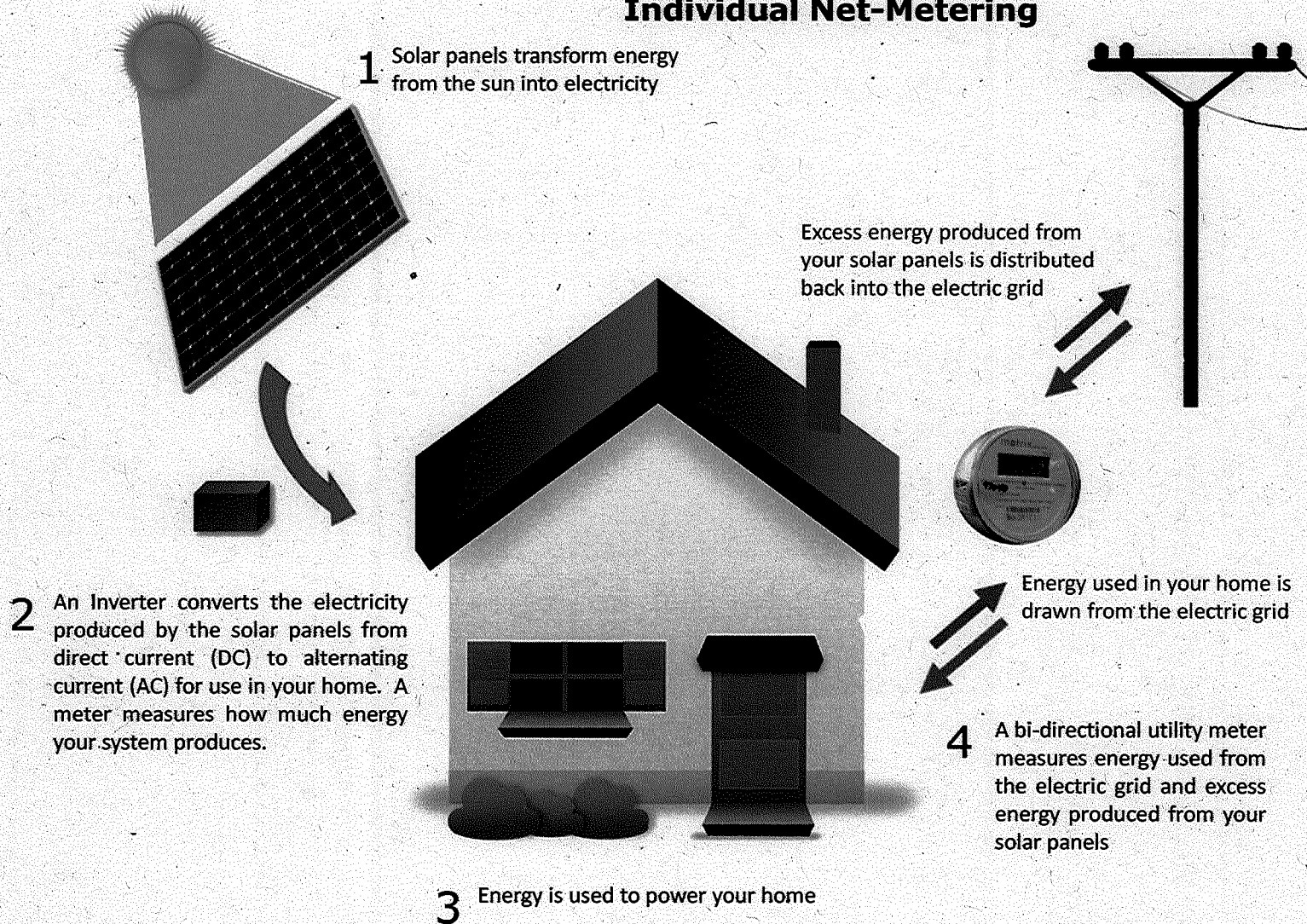
*Please note that non-bypassable charges cannot be paid with net metering credits

The kWhs delivered to the utility reduce the amount of electricity billed

"Non-bypassable charges" (in green) are not offset by net-metering credits

Incentives are credited to customer separately

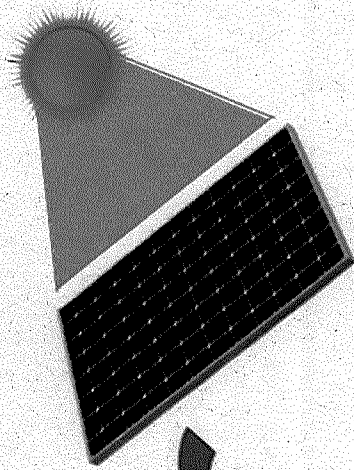
Individual Net-Metering



Group Net-Metering

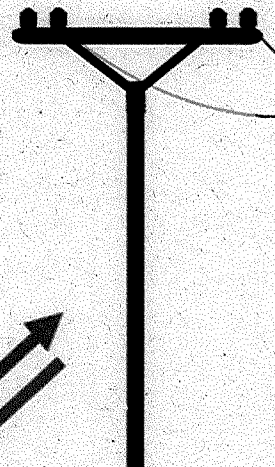
1

Solar panels transform energy from the sun into electricity



2

An Inverter converts the electricity produced by the solar panels from direct current (DC) to alternating current (AC) for export onto the distribution system. A meter measures how much energy the system produces.



3

Credits are applied to group members electric bills. Group members are located anywhere in the utility's service territory.

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Net-Metering Program History

- Program started in 1997
- Began with small systems and limited program size
- Over time, the law allowed larger systems and increased the program's capacity
- In 2011, customers using solar were offered an incentive payment of ~5 cents per kilowatt-hour (kWh)
 - Monetization of credits began
 - Group systems became common
- In 2014 Act 99 directed Board to start developing "Net-Metering 2.0"
- 2015 – Program exceeds statutory 15% capacity cap
- 2017 – Net-Metering 2.0 took effect
- 2018 – First biennial update

Number of Net-Metering CPG Applications

System Size	FY18	FY17	FY16	FY15	FY14
NM Generation Projects >50 kW through 500 kW	191	145	204	126	58
NM Generation Projects >15 kW through 50 kW	107	51	32	40	65
NM Generation Projects <15 kW	2,973	3,054	1,998	1,238	925
Total	3,271	3,250	2,234	1,404	1,048

Capacity of Net-Metering CPG Applications (kW)

System Size	FY18	FY17	FY16	FY15	FY14
NM Generation Projects >50 kW through 500 kW	46,690	30,407	52,339	28,803	10,271
NM Generation Projects >15 kW through 50 kW	3,261	1,591	846	1,027	1,243
NM Generation Projects <15 kW	21,106	21,314	12,722	7,904	5,688
Total	71,057	53,312	65,907	37,735	17,202