


Rhode Island Net Metering First Bill Walkthrough

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Updated September 2017

Net Metering Credit Amount

- How much is the Net Metering Credit worth?
- Did the account net export during the billing period? (Did I generate more energy than I used?) 
- If yes, then the credit will depend on the rate of your Net Metered Account (determined by the demand (kW) of your facility)
 - Residential and Small Commercial are energy-only rates
 - Medium and Large Commercial rates include demand charges and time-of-use components, and may include other charges
- Each rate includes several charges. The Net Metering credit per kWh is a combination of the distribution, transmission, transition, and standard offer service charges.

Bill Display

- What will this look like on my bill?
 - Net Export is the basis for Net Metering Credit, and appears in “Metered Usage” section
 - Net Metering Credits appear in “Delivery Services” section
 - Net Metering Credits are calculated using the retail rate, which may include several types of charges (block rates, time-of-use, demand charges, etc.)
 - Calculation depends on rate, class, and load zone
 - With different rate structures and use patterns, credit may not appear the same on every net metered account.

Bill Display – Continued

- Will the bill show credits transferred from Host Account to “target” accounts?
 - Host Account will show “Transfer Credit”, and \$ amount
 - “Target” account will show “Transfer Credit” and amount
- Host Account will not show “target” account number
 - If multiple targets, only one credit amount will appear
- “Target” account will not show Host Account number.

Bill Display – Continued

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- The total net metering credit is multiplied by the number of kWh exported over the billing month.

DETAIL OF CURRENT CHARGES

Delivery Services

Service Period	No. of days	Current Reading	-	Previous Reading	=	Total Usage
May 13 - Jun 12	30	366 <i>Actual</i>		1379 <i>Actual</i>		-1013 kWh

METER NUMBER [REDACTED] NEXT SCHEDULED READ DATE Jul 15

RATE Small C&I Rate C-06

Customer Charge						10.00
LIHEAP Enhancement Charge						0.83
Renewable Gen Credit		0.12549	x	-1013 kWh		-127.11
Total Delivery Services						-\$ 116.28

Schedule B

- Any Credits generated on the account during the billing month will be carried forward to be used in subsequent billing months.
- Eligible credit recipients may opt to transfer credits to additional accounts using the Schedule B
- Net Metering Credits are calculated using certain components of the retail rate of the host customer
- The value of the Net Metering Credit depends on the rate of the host account
- National Grid transfers credits, on a percentage basis, to accounts listed on the schedule B.
 - Important: There is no mechanism for transferring specific dollar amounts, only percentages of Net Metering Credits

Schedule B

- As of July 2012 All Net Metering Customers are required to submit a Schedule B including:
 - The estimated generation in kWh of the Eligible Net-Metering System
 - 3 years average kWh historical usage for the net metered account
 - 3 years average kWh historical usage for any net metered accounts that will be receiving transferred credits (if applicable).

Note: To qualify for net metering the estimated generation cannot be greater than the average yearly usage of the net metered account or combined average yearly usage of the net metered account and the accounts receiving transferred credits.

When can I expect to see the first transfer of credits?

- The first Net Metering Credit may not appear until the month following the first bill after you receive Authority to Interconnect
- Each month the host account meter is read, and net export is used to calculate Net Metering Credits for that month
- Our Accounts Maintenance and Operations group transfers credits as directed on the Schedule B
- Typically, Net Metering Credits are transferred to “target” accounts about 1-2 weeks after the Host account has billed
- Net Metering Credits are displayed on both the Host Account and “target” accounts on the next month’s bill

What Date will the transfer occur?

- As Host Customers and “target” customers may not be in the same billing cycle, transfers from one month may not show up until the following month, and may not always occur on the same date each month

How often can I change my schedule B allocations?

- Customers are allowed to change their schedule B twice a year

When will my new schedule B allocation(s) take effect?

- Changes should take effect the following bill cycle

Host to Target Customer Credit Transfer

- The Host Customer bill with the transferred credit on the subsequent bill

Other Charges/Adjustments

Transfer Credit/Charges	432.02
Total Other Charges/Adjustments	\$ 432.02

- The Target Customer bill with the transferred credit on the subsequent bill

Other Charges/Adjustments

Transfer Credit/Charges	-432.02
Total Other Charges/Adjustments	-\$ 432.02

Rhode Island RE Growth First Bill Walkthrough

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Rhode Island RE Growth First Bill Walkthrough

RE-Growth Billing Options:

Option 1- Available to Commercial customers only who install generators but have no on-site use, or choose to not transfer credits to their on-site use.

National Grid will install a single net meter at the generation interconnection. The Performance Based Incentive (PBI) is calculated as the monthly net export (kWh) multiplied by the customer's PBI (\$ per kWh) specified on the customer's certificate of Eligibility. This amount is paid to the customer as a cash payment. Payments are made on the last day of each month, regardless of customers bill date.

RI RE Growth First Bill Walkthrough Continued

Option 2- Mandatory for Residential customers who install generation at their service location. Commercial customers with on-site use may also choose Option 2. National Grid will install two meters on site. The first meter measures the on-site use, the second meter measures the generator output.

The customer will receive a bill from National Grid for the on-site use. This bill will include PBI credits based upon the generator output. The PBI credits will be applied to the following charges:

- Distribution
- Energy Efficiency
- Renewable Energy Distribution
- Transmission
- Transition
- Energy (kWh)

Bill Display – Option 1

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DETAIL OF CURRENT CHARGES

Delivery Services

Customer Charge	10.00
LIHEAP Enhancement Charge	0.81
RE Growth Program	0.35
Total Delivery Services	\$ 11.16

Performance Based Incentive Program

Service Period	No. of days	Current Reading	-	Previous Reading	=	Total Usage
Jan 11 - Feb 8	29	0 Actual		0 Actual		214 kWh

METER NUMBER [REDACTED] NEXT SCHEDULED READ DATE ON OR ABOUT Apr 11

RATE Small C&I Rate C-06

Performance Based Incentive Payment

Total PBI Payment	\$ 0.2440	x	214	\$ 52.22
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The customer will receive an invoice for the customer charge, LIHEAP charge, and RE Growth Program charge. This invoice will also reflect the PBI payment that the customer will be receiving.

Bill Display – Option 2

The PBI credits will not be applied to the fixed monthly charges:

- Customer Charge
- LIHEAP enhancement
- RE-Growth Program
- Demand charges (if customer is Commercial, G2, G32/G62)

SUMMARY OF CURRENT CHARGES

	DELIVERY SERVICES	SUPPLY SERVICES	OTHER CHARGES/ ADJUSTMENTS	TOTAL
Electric Service	63.67	56.35		120.02
Re-Growth Program Bill Credit	-63.59			-63.59
Other Charges/Adjustments			4.65	4.65
Total Current Charges	\$ 0.08	\$ 56.35	\$ 4.65	\$ 61.08

Bill Display – Option 2 Continued

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Charges for On-site use

DETAIL OF CURRENT CHARGES

Delivery Services

Service Period	No. of days	Current Reading	-	Previous Reading	=	Total Usage
Nov 9 - Dec 12	33	29162 <i>Actual</i>		28473 <i>Actual</i>		689 kWh

METER NUMBER [REDACTED] NEXT SCHEDULED READ DATE ON OR ABOUT Jan 12

RATE Basic Residential Rate A-16

Customer Charge						5.00
LIHEAP Enhancement Charge						0.73
Distribution Energy Chg	0.04278	x	689 kWh			29.48
Energy Efficiency Prgrms	0.01107	x	689 kWh			7.63
Renewable Egy Dist Chg	0.00344	x	689 kWh			2.37
Transmission Charge	0.02705	x	689 kWh			18.64
Transition Charge	-0.00058	x	689 kWh			-0.40
RE Growth Program						0.22

Total Delivery Services \$ 63.67

Supply Services

SUPPLIER National Grid

Energy Charge	0.08179	x	689 kWh			56.35
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Total Supply Services \$ 56.35

Bill Display – Option 2 Continued

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Performance Based Incentive Payment and Bill Credit

Performance Based Incentive Program

Service Period	No. of days	Current Reading	-	Previous Reading	=	Total Usage
Nov 9 - Dec 12	33	2697 <i>Actual</i>		2313 <i>Actual</i>		384 kWh
METER NUMBER		NEXT SCHEDULED READ DATE ON OR ABOUT				Jan 12
RATE	Basic Residential Rate A-16					

Performance Based Incentive Payment

Total PBI Payment	\$ 0.3765	x	384	\$ 144.58
Residual PBI - Cash Payment	\$ 144.58	-	\$ 63.59	\$ 80.99

Bill Credit

Distribution Energy Chg	0.04278	x	-384 kWh	-16.44
Energy Efficiency Pgrms	0.01107	x	-384 kWh	-4.25
Renewable Egy Dist Chg	0.00344	x	-384 kWh	-1.32
Transmission Charge	0.02705	x	-384 kWh	-10.38
Transition Charge	-0.00058	x	-384 kWh	0.22
Energy Charge	0.08179	x	-384 kWh	-31.42

Total Bill Credit -\$ 63.59

The Residual PBI- Cash Payment will be paid via electronic transfer or paper check. This credit will not remain on the customers account.

Performance Based Incentive Payment

Total PBI Payment	\$ 0.3765	x	384	\$ 144.58
Residual PBI - Cash Payment	\$ 144.58	-	\$ 63.59	\$ 80.99

Bill Credit

Distribution Energy Chg	0.04278	x	-384 kWh	-16.44
Energy Efficiency Prgms	0.01107	x	-384 kWh	-4.25
Renewable Egy Dist Chg	0.00344	x	-384 kWh	-1.32
Transmission Charge	0.02705	x	-384 kWh	-10.38
Transition Charge	-0.00058	x	-384 kWh	0.22
Energy Charge	0.08179	x	-384 kWh	-31.42
Total Bill Credit				-\$ 63.59

References

National Grid RI Rate Tariff

<https://www9.nationalgridus.com/narragansett/business/rates/rates.asp>

National Grid Net Metering Webpage RI

http://www.nationalgridus.com/narragansett/home/energyeff/4_net_mtr.asp

National Grid Rates

<https://www9.nationalgridus.com/narragansett/home/rates/billing.asp>

<https://www9.nationalgridus.com/narragansett/business/rates/rates.asp>

If you have additional questions, please email our Distributed Generation group at: distributed.generation@nationalgrid.com

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