

Solar Net Energy Metering Billing Webinar

Tuesday, August 9, 2011

Today's Agenda

Solar NEM Billing – Myths and Truths

The Monthly NEM Bill

The Annual NEM True-up Bill

AB 920

Questions and Answers

Myths and Truths

Myth

“After installing a solar generation system, I was told that I will no longer receive a PG&E bill.”

Truth

Per tariff, PG&E must charge, at the very least, a monthly minimum amount to recover costs from the transmission and distribution of electricity. While electricity charges may decrease, or even reduced to \$0.00 due to solar generation, PG&E still issues a bill to collect the monthly minimum.

Non-NEM Monthly Bill – Ex. 1

Account Number	Service To	Amount Due	Amount Enclosed
1234567890-1	4/15/2011	\$25.00	
NEM CUSTOMER 123 SOLAR HIGHWAY SUN CITY, CA 99999-9999		PG&E Box 997300 Sacramento, CA 95899-7300	
Telephone Assistance 1-800-PGE-COMP		ACCOUNT SUMMARY	
Local Office 77 BEALE ST SAN FRANCISCO, CA		Service Electric	Service Dates 3/15/2011 TO 4/15/2011 \$ 25.00
		TOTAL CURRENT CHARGES	\$ 25.00

In this example, let's assume the following:

- The customer used 25 kWh, at a rate of \$1 per kWh
- The minimum charge rate is \$5 per month

PG&E will not issue a bill with both minimum and electricity charges. The bill will consist only of the higher charge between minimum and electricity.

In this example, the total bill amount is \$25.

Non-NEM Monthly Bill – Ex. 2

Account Number	Service To	Amount Due	Amount Enclosed								
1234567890-1	4/15/2011	\$5.00									
NEM CUSTOMER 123 SOLAR HIGHWAY SUN CITY, CA 99999-9999		PG&E Box 997300 Sacramento, CA 95899-7300									
Telephone Assistance 1-800-PGE-COMP		ACCOUNT SUMMARY									
Local Office 77 BEALE ST SAN FRANCISCO, CA		Service Electric	<table border="0"> <thead> <tr> <th>Service Dates</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>3/15/2011 TO 4/15/2011</td> <td>\$ 5.00</td> </tr> <tr> <td colspan="2">TOTAL CURRENT CHARGES</td> </tr> <tr> <td></td> <td>\$ 5.00</td> </tr> </tbody> </table>	Service Dates	Amount	3/15/2011 TO 4/15/2011	\$ 5.00	TOTAL CURRENT CHARGES			\$ 5.00
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3/15/2011 TO 4/15/2011	\$ 5.00										
TOTAL CURRENT CHARGES											
	\$ 5.00										

In this example, let's assume the following:

- The customer used 0 kWh, at a rate of \$1 per kWh
- The minimum charge rate is \$5 per month

PG&E will not issue a bill with both minimum and electricity charges. The bill will consist only of the higher charge between minimum and electricity.

In this example, the total bill amount is \$5.

NEM Billing at a glance

NEM customers are not billed for electricity charges until their respective annual true-ups. Until then, they are subject to monthly minimum charges.

Monthly NEM Bill

Minimum charge, which is approximately \$5.00 for E1/E6/E7

Annual True-up NEM Bill

If Total Electricity > Total Minimum, then the customer owes all electricity charges less previously-billed minimum charges

If Total Electricity < Total Minimum, then the customer owes only the current month minimum charge

NEM Monthly Bill – Ex. 1

Account Number	Service To	Amount Due	Amount Enclosed
1234567890-1	4/15/2011	\$5.00	

NEM CUSTOMER 123 SOLAR HIGHWAY SUN CITY, CA 99999-9999	PG&E Box 997300 Sacramento, CA 95899-7300
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Telephone Assistance 1-800-PGE-COMP	ACCOUNT SUMMARY
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Local Office 77 BEALE ST SAN FRANCISCO, CA	<table> <thead> <tr> <th>Service</th> <th>Service Dates</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Electric</td> <td>3/15/2011 TO 4/15/2011</td> <td>\$ 5.00</td> </tr> </tbody> </table>	Service	Service Dates	Amount	Electric	3/15/2011 TO 4/15/2011	\$ 5.00
Service	Service Dates	Amount					
Electric	3/15/2011 TO 4/15/2011	\$ 5.00					

TOTAL CURRENT CHARGES	\$ 5.00
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TOTAL CURRENT MONTH'S BILLED AMOUNT:	\$5.00*
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*This amount is the minimum you must pay this month and is reflected on your regular monthly blue bill, in addition to the energy charges that you may pay monthly or at the end of the true-up period shown below. It includes the following components:
Distribution \$x.xx, Public Purpose Programs \$x.xx, Nuclear Decommissioning \$x.xx and Generation \$x.xx.

ENERGY CHARGES/CREDITS	
Current Month Energy Charge or Credit (-)	\$25.00
Cumulative Energy Charges or Credits (-) for the current true-up period: This Cumulative Energy Charge does not reflect any payment you may have made.	\$25.00

You have the option to pay your energy charges either monthly or at the end of your true-up period.

ANY UNPAID ENERGY CHARGES WILL BE DUE AT THE END OF YOUR TRUE-UP PERIOD

In this NEM example, let's assume the following for the customer:

- Used 25 kWh, at a rate of \$1 per kWh
- The minimum charge rate is \$5 per month
- The monthly bill will consist of the \$5 minimum charge
- The \$25 electricity charge will be held in suspense until the annual true-up evaluation of Total Electricity v. Total Minimum

NEM Annual True-up Bill – Ex. 1

Account Number	Service To	Amount Due	Amount Enclosed
1234567890-1	6/15/2011	\$5.00	

NEM CUSTOMER 123 SOLAR HIGHWAY SUN CITY, CA 99999-9999	PG&E Box 997300 Sacramento, CA 95899-7300
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Telephone Assistance 1-800-PGE-COMP	ACCOUNT SUMMARY
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Service	Service Dates	Amount
Electric	5/15/2011 TO 6/15/2011	\$ 5.00

Local Office 77 BEALE ST SAN FRANCISCO, CA	TOTAL CURRENT CHARGES	\$ 5.00
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TOTAL TRUE-UP BILLED AMOUNT:	\$5.00*
ENERGY CHARGES/CREDITS	
Current Month Energy Charge or Credit (-)	(\$100.00)
Cumulative Energy Charges or Credits (-) for the current true-up period: This Cumulative Energy Charge does not reflect any payment you may have made.	(\$50.00)
You have the option to pay your energy charges either monthly or at the end of your true-up period.	
ANY UNPAID ENERGY CHARGES WILL BE DUE AT THE END OF YOUR TRUE-UP PERIOD	

In this NEM example, let's assume the following for the customer:

- Used 25 kWh, at a rate of \$1 per kWh, in Month 1
- Used 25 kWh, at a rate of \$1 per kWh, in Month 2
- Generated 100 kWh, at a rate of \$1 per kWh, in Month 3 (true-up)
- The minimum charge rate is \$5 per month

- Total Electricity for Month 1-3 is -\$50
- Total Minimum for Month 1-3 is \$15
- Total owed at true-up is \$15
- Since \$10 was previously charged in Month 1-2, the annual true-up bill is \$5

AB 920

AB 920 is legislation that requires CA utilities to compensate NEM customers for any surplus generation remaining at their respective true-ups.

Example

In the previous example, the customer has -\$50 in electricity credits and -50 kWh in surplus generation at true-up.

Per AB 920, this customer will not be compensated for -\$50. Instead, -50 kWh will be valued at a payout rate yet to be determined by CPUC, and then applied to the bill.

Implementation details of AB 920 are still being finalized by CPUC at this time. Once finalized, eligible customers will receive their surplus generation credits.

Resources

More information on solar NEM billing can be found:

Online

<http://www.pge.com/myhome/saveenergymoney/solarenergy/nembilling>

Calling the Solar Customer Service Center

1-877-743-4112



Questions?



Thank You for Participating
Have a Great and Safe Day