PG&E Interconnection Application Webportal Updates

Starting Thursday April 29 2021, PG&E Standard NEM web portal will have the following changes to support the decision of Advice Letter 5938-E: Modifications to Interconnection Agreements for PG&E's Tariffs NEM and NEM2 Paired Storage for NEM-Integrity Situations to support Resiliency, and Other Minor Form Modifications:

- Solar Capacity factor has been updated to **0.17123**, to yield an annual Estimated Solar Production factor of **1,500** kwh/kw/year (i.e. 8,760 hrs/yr x 0.17123 solar capacity factor = 1,500; and Solar CEC-AC rating (kW) X 1,500 = (annual kWh))
- The "recent annual usage" calculation has been updated to **100%** (i.e., NEM or NEM2 systems should be sized with an estimated annual production no larger than 100% of the Customer's total previous 12 months of usage (annual usage) and projected future increase.)
- Building size factor has been updated to 3.00 (i.e., 2 watts/ sq ft x 1/1,000 watts x 8,760 hrs/yr x 0.17123 solar capacity factor = 3.00; and Building size (sq ft) X 3.00 = (annual kWh))

Standard NEM webportal updates:

 The calculation for "Estimated Solar Annual Production" has been updated to CEC-AC rating x 1,500*

*8,760 hrs/yr x **0.17123 solar capacity factor** = 1,500

Usage and Production Comparison Based on your facility size above, your estimated annual production will be: Estimated Solar Annual Production is 15,000 kWh CEC-AC rating x 1,500* *8,760 hrs/yr x 0.17123 solar capacity factor = 1,500 Your projected annual usage is 3,000 kWh Planned increase in annual usage*:

2. The NEM Systems sizing guideline on the Facility Size and Usage page has been updated to 100%.

Guideline: NEM Systems should be sized with an estimated annual production no larger than 100% of the Customer's total previous 12 months of usage (annual usage) and projected future increase if applicable

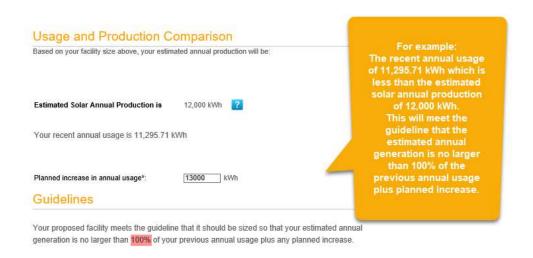
Guidelines

Your proposed facility does not meet the guideline that it should be sized so that your estimated annual generation is no larger than 100% of your previous annual usage (or equivalent annual usage determined by building square footage) plus any planned increase.

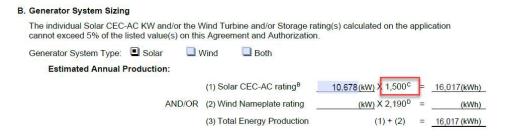
Please note the provisions around Net Surplus Compensation (NSC) below:

Net Surplus Compensation (NSC) payments are made to NEM customers who produce more electricity than they use during the Relevant Period. The payment rate is based on a rolling 12-month average of spot market prices and may fluctuate on a monthly basis. The historical range of the NSC rate at the time of this Advice Filing is approximately \$0.03 to \$0.04. A history of NSC rates is available at wwwpgetst.pge.com/nembilling. If a customer would like to opt out from receiving this payment, please visit wwwpgetst.pge.com/nscoptout to complete Form 79-1130.

3. The proposed facility size guideline calculation will be based on **100%** instead of 110% of the previous annual usage plus any planned increase in annual usage.



- 4. Update NEM2 Standard NEM Agreement and Authorization form 79-1151A-02:
 - a. The constant in the formula for Solar CEC-AC rating has been updated to 1,500.



b. The constant in the formula for Building size has been updated to 3.00.



c. The above numbers have also been updated in the footer.

** Customers on rate schedules such as ET, ES, and ESR, which do not have a corresponding TOU Rate, are not required to switch to TOU rates, unless and until such a rate becomes available.

B CEC-AC (kW) = California Energy Commission Alternating Current, refers to the inverter efficiency rating (Quantity of PV Modules x PTC Rating of PV Modules x CEC Inverter Efficiency Rating/V1000

C 8,760 hrs/yr x 0.17123 solar capacity factor = 1,500

B 8,760 hrs/yr x 0.25 wind capacity factor = 2 190

E 2 watts/ sq ft x 1/1,000 watts x 8,760 hrs/yr x 0.17123 solar capacity factor = 3.00

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Please complete this agreement in its entirety

Automated Document, Preliminary Statement, Part A.

March 2021

**Automated Document, Preliminary Statement, Part A.

**Automated Document, Preliminary Statement, Part A.

ACE-IT webportal updates:

NEM Aggregation

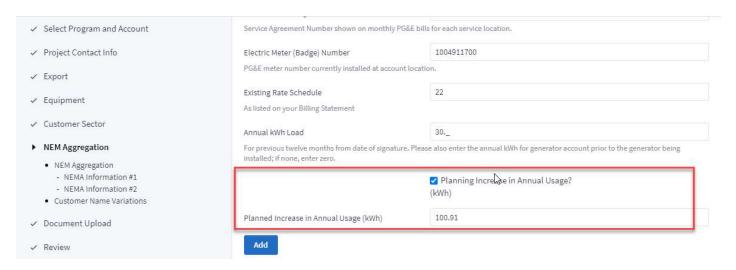
1. Estimated Solar Production has been updated to **1500** kwh per kw per year.



2. 110% of Total Annual kWh has been removed.



3. Planned increase in Annual Usage (kWh) under every benefitting account has been added.



4. **Total Planned Increase in Annual Usage (kWh)** has been added. This should display the total of all the planned increase in annual usage values.



5. Total Expected Annual Usage (kWh) has been added.

Total Expected Annual Usage (kWh) = Total Annual kWh + Total Planned Increase in Annual Usage (kWh).



6. For Standard NEM with Energy Storage or Standard NEM Aggregation with Energy Storage, the storage system inverter(s) must be sized 10kW or less, and the Solar PV and/or Wind system must be sized 30kW or less. The error message shown below will display if either condition is not met.

