

Case No. 10-2314-EL-REN
Gary Stapleton
Staff Interrogatories – Second Set

Question 4: In section G.4 Expected Capacity Factor was left blank. What is the expected capacity factor? The capacity factor for solar facilities in Pennsylvania range from 10-14%. Websites like PV watts can be used to find capacity factor based on location: <http://rredc.nrel.gov/solar/calculators/PVWATTS/version2>.

Answer 4: 1.756

Question 1: 1.756 is incorrect. The capacity factor for solar facilities in Pennsylvania range from 10-14%. What is the expected capacity factor?

Answer 1: **13%**

*Question 5: From section I.1 please supply the information for the following fields that were left blank:
Projected Annual Generation (MWh): 1.597
Expected Annual Capacity Factor %: 99%*

Question 2:

*Projected annual gross generation (kWh or MWh) = Capacity factor x the nameplate capacity (in kW or MW) x 8760.
Using capacity factor from above:*

Projected annual gross generation (kWh or MWh) = Capacity factor 1.756 x the nameplate capacity .012544 MW (in kW or MW) x 8760 = 192.9 MWh

A more realistic answer based on a capacity factor of 12%:

Projected annual gross generation (kWh or MWh) = Capacity factor .12 x the nameplate capacity 0.012544 MW (in kW or MW) x 8760 = 13.19 MWh

What is the projected annual generation? **14.285**

99% is an incorrect capacity factor so please provide the correct capacity factor in question 1.

*Question 9: In section O of the application, the following question was answered "Yes":
Has any of the generation of the facility been tracked as RECs that have been sold or otherwise consumed? XYes No*

Have RECs been sold to a third party?

Are you considering RECs or partial RECs that have been credited to your account as having been "sold or otherwise consumed?"

Answer 9: yes

RECs or partial RECs that are credited to your account are not what we are asking for in this question. In the future, please answer no if the only "selling" of RECs is that they have been credited to your account.

Yes, 5 RECs were sold as PA Eligible Solar Renewable Energy Credits (1 from May generation, 1 from June generation, and 2 from July Generation)

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Summary: Reply Reply to staff interrogatories electronically filed by Mr. John D Smucker on behalf of Stapleton, Gary Mr.