

From: Brendon Baatz <brendon@gabelassociates.com>
Subject: FW: 861 and 861M Questions
Date: April 19, 2021 at 4:06:52 PM EDT
To: Greg Tyson <greg@gabelassociates.com>, Steven Gabel
<steven.gabel@gabelassociates.com>, Isaac Gabel-Frank
<isaac@gabelassociates.com>

FYI – follow up

From: InfoElectric <InfoElectric@eia.gov>^[L]_{SEP} **Sent:** Monday, April 19, 2021 4:01 PM^[L]_{SEP} **To:** Brendon Baatz <brendon@gabelassociates.com>; InfoElectric <InfoElectric@eia.gov>^[L]_{SEP} **Subject:** RE: 861 and 861M Questions

Hi Brendon,

We do not collect any PPA data. The TPO data is not in the adjustments, it is included in the data files. We have no idea what the New Jersey number includes so unfortunately we cannot offer any insights as to why they are different.

The adjustments to the Sales Revenue and Customers data does not include behind the meter solar generation not reported by TPOs. To complicate things further, some of the solar is behind the meter (such as those in net metering programs), but the ones that are not are not necessarily behind the meter. Some net metered capacity is also utility scale, but we do not estimate the usage for that in our small scale solar estimates. (Large systems are covered under the EIA-923 for generation and EIA-860 for capacity). The methodology we use is in the [EPM technical notes](#).

Best,

Sara

From: Brendon Baatz [<mailto:brendon@gabelassociates.com>]^[L]_{SEP} **Sent:** Monday, April 19, 2021 11:44 AM^[L]_{SEP} **To:** InfoElectric <InfoElectric@eia.gov>^[L]_{SEP} **Subject:** [EXTERNAL] RE: 861 and 861M Questions

Hi Sara,

Thanks again for sending. We have a few follow up questions. Thanks again for your help clarifying these questions.

Regarding the “Adjustments” data. Is this an estimate of third-party energy suppliers or does it include estimates of solar behind the meter PPA revenue and MWh?

If it does include an estimate of behind the meter solar, can you give some more insight on how this portion is estimated?

For clarification, we are digging into the details of all available data (not estimates based on sampling) to produce the most accurate representation for New Jersey retail electric sales. E.g. New Jersey Board of Public Utilities reports on solar installations indicates that behind the meter solar is around 3,000,000 vs. about 640,000 reported in the 861M data.

Is there additional data we will capture that might be underestimated by EIA’s sampling methodology?

From: InfoElectric <InfoElectric@eia.gov> [1]**Sent:** Thursday, April 15, 2021 12:53 PM [1]**To:** Brendon Baatz <brendon@gabelassociates.com>; InfoElectric <InfoElectric@eia.gov> [1]**Subject:** RE: 861 and 861M Questions

Hi Brendon,

Thank you for your interest in EIA data. Answers to your questions are directly below your questions in blue.

Sara

From: Brendon Baatz [<mailto:brendon@gabelassociates.com>] **Sent:** Thursday, April 15, 2021 9:36 AM **To:** InfoElectric <InfoElectric@eia.gov> **Subject:** [EXTERNAL] 861 and 861M Questions

Hi, I hope this message finds you well. I have a few questions related to the 861 and 861M data on the EIA website. Any help on these questions would be much appreciated. Thanks in advance for any thoughts.

- Do the revenue figures in EIA-861 include sales tax?

Revenue is supposed to include all corresponding taxes.

- For behind the meter generation, does the EIA-861 revenue, sales, and customer data include both self-owned and third-party owned data?
 - If yes, can you provide a breakout of both (including revenue, sales, customers)?

Sort of. We collect TPO data for solar and it is included in our data. We have no way to collect self-owned generation data, but we do have a small scale solar estimation program. You can find this data in chapter 1 of the EPM

<https://www.eia.gov/electricity/monthly/>

or more detailed data here. <https://www.eia.gov/electricity/data/eia861m/>

- The behind the meter data appears to contain solar (based upon the company names). Does EIA-861 also contain wind, cogen/CHP, fuel cell, or other technologies?

- If yes, can you provide a breakout by technology (including revenue, sales, customers)?

No. We only collect or estimate for small scale solar. The other techs are still a small insignificant number on the national level.

- Can you provide an explanation of the “adjustment” category provided each month in EIA-861?

- If made up of multiple components, can you provide a breakout by component (including revenue, sales, customers)?

The adjustments are made of several different parts one is an imputation for

the non-sampled bundled utilities. The monthly is a census for the delivery and energy providers in the deregulated states. However we do not publish this data at the utility level on the monthly, only for the annual. The adjustments are broken down for those parts by sector.

Please let me know if I can provide clarification on any of these questions.

Best,
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