

The Net-Metering Registration Form (available at https://puc.vermont.gov/sites/psbnew/files/doc_library/NMRegistrationFormFINAL06-26-19.pdf) contains fields to capture required information for the Interconnecting Utility’s review. The Commission requests that participants answer the following questions about each field. The Commission has provided a worksheet to facilitate participant’s responses. The Commission has identified several fields that the Commission assumes are necessary information; participants do not need to address whether those fields are necessary unless they disagree with the Commission’s assumption that they are necessary.

Field	Is it necessary to collect this information? Why or why not?	Do changes to this information need to be reviewed before a CPG is deemed issued? Why?	Is there a threshold for de minimis changes to this field that do not require review?	If a change to this field needs review, how much time is necessary to review the change? Why?
Applicant/Customer Name	[The Commission assumes this is necessary]	IU needs to know this info and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	n/a	n/a
Applicant Mailing Address, Daytime Phone, and E-mail Address	[The Commission assumes this is necessary]	IU needs to know this info and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	n/a	n/a
Name of Interconnecting Utility	[The Commission assumes this is necessary]	Yes. Change to IU will result in withdrawal of application and submission of new application.	No	n/a
Consumption Meter Number	[The Commission assumes this is necessary]	Yes. IU needs to verify that the POI has not changed.	No	10 days
Whether the System is a Group System or Individual System	No	IU needs to know this info and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	n/a	n/a
System Location	[The Commission assumes this is necessary]	Yes. IU needs to verify that the POI has not changed.	No	10 days
System Technology (Solar, Hydro, Battery, or Other)	[The Commission assumes this is necessary]	Yes. IU needs to know generating facility type/changes; This can impact interconnection review.	N/A	n/a. Changing system technology should result in withdrawal and resubmission
Whether the System is Owned or Leased	No	No	n/a	n/a
Whether the Application is an Amendment	[The Commission assumes this is necessary]	Yes. An amended application may require re-study or additional review	Yes, based upon what information is changing	10 days
Photovoltaic System Information				
System Capacity AC kilowatts (AC Nameplate Capacity of the Inverter(s))	[The Commission assumes this is necessary]	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
PV Module Manufacturer and Model	No. Inverters limit output and determine AC capacity. Currently this information is not part of interconnection review or billing.	No	n/a	n/a
Number of Modules	No. Inverters limit output and determine AC capacity. Currently this information is not part of interconnection review or billing.	No	n/a	n/a
Power Rating per Module (DC Watts)	No. Inverters limit output and determine AC capacity. Currently this information is not part of interconnection review or billing.	No	n/a	n/a
Total Array Output DC kilowatts (no. of modules x power rating)	No. Inverters limit output and determine AC capacity. Currently this information is not part of interconnection review or billing.	No	n/a	n/a

Inverter Manufacturer and Model	Yes	Yes, IU needs to review whether inverter complies with applicable industry standards, requirements, etc.	N/A	Minimal time to review if the inverter manufacturer and model, and system design is ‘typical’.10 days
Interconnection Configuration (generation meter or behind consumption meter)	[The Commission assumes this is necessary]	IU needs to know this info for accurate billing and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	No	10 days
Installation Type (roof mount or ground mount)	[The Commission assumes this is necessary]	Yes. This information can determine siting adjuster.	No	10 days
System Orientation Circle one: fixed mount 1-axis tracking 2-axis tracking	No. This information is not currently used in interconnection review or billing.	n/a	No	n/a
Hydroelectric System Information				
System Capacity AC kilowatts (AC Nameplate Capacity)	[The Commission assumes this is necessary]	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
Generator Manufacturer and Model	Yes.	Yes. Generator characteristics are important to properly model the generator (e.g. short circuit contribution, etc.)	No	10 days
AC Source (inverter, induction generator, or synchronous generator)	[The Commission assumes this is necessary]	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
Physical Location of Facility’s Lockable Disconnect Switch	[The Commission assumes this is necessary]	Yes. IU must ensure the change adheres to IU standards.	No	10 days
Interconnection Configuration (generation meter or behind consumption meter)	[The Commission assumes this is necessary]	IU needs to know this info for accurate billing and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	No	n/a
Installer Information				
Company Name, Address, E-mail	[The Commission assumes this is necessary]	IU needs to know who to contact for questions/issues and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	No	n/a
Installer Name	[The Commission assumes this is necessary]	IU needs to know who to contact for questions/issues and therefore needs to be updated with this information but it does not need to hold up CPG issuance.	No	n/a
<u>Suggested Additional Fields</u>				
Battery Information				
System Capacity AC kilowatts	Yes.	Yes. Information is needed for accurate review of impacts to IU system.	No	10 days
Energy Capacity AC kwh	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days

Inverter Manufacturer and Model	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
Controller	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
Other Generation Information				
Type of System	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
AC Source (inverter, induction generator, or synchronous generator)	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
System Capacity AC kilowatts	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
AC Source Manufacturer and Model	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
Controller	Yes.	Yes. This information is needed for accurate review of impacts to IU system.	No	10 days
<u>Combination systems such as PV/battery</u>				
Dispatch / Scheduling entity – i.e. this site will be controlled by interconnecting DU? By following a market signal? By allowing access to a 3 rd party (virtual aggregation), local control, initial set up only	Yes. This information will allow the EPS impacts to be evaluated with aggregated controls if used in the future. Unknown would be evaluated as worst case.	Yes. The nature of the device can change from helping the local EPS to creating an issue.	No. Aggregation of controls can present issues.	Unknown. Thus far we have studied worst case or had a known use case (helping the grid) that did not change.
Dispatch / Scheduling limitations – i.e. only export to EPS post sundown, only peak shave (explain whose peak, cust, GMP, ISO-NE), no limitations	Yes, this information is necessary. If there are no dispatch limitations, the worst case will be assumed for EPS impacts.	Yes. The nature of the device can change from helping the local EPS to creating an issue.	No. Aggregation of controls can present issues.	Unknown. Thus far we have studied worst case or had a known use case (helping the grid) that did not change.
Desired mode of operation – fixed non-unity pf, kW dispatch, default IEEE 1547	If default IEEE 1547 settings modified per ISO-NE SRD are used, this is not required. Thus far, it has been the rare exception to use non-default operational modes. Furthermore, these modes would need to be reviewed for impacts.	Yes. The nature of the device can change from helping the local EPS to creating an issue.	No. Aggregation of controls can present issues.	Unknown. Thus far we have studied worst case or had a known use case (helping the grid) that did not change.