

Other Technology Types Information Guide

Please note that this is *NOT* an application for PA AEPS certification; the application must be completed online at <https://pennaeps.com/>

General Information

- **Installation Address:** Full street address where the alternative generation facility is located.
- **Online Date (Date System Energized):** This is the date your system was turned on, left on for operation, and began continuously tracking production. Note that the date entered is in Year-Month-Day. If your system was turned online prior to the year 2014, you must type the year in manually.
- **Interconnection Approval Date:** This must match the date on the form you upload in Step 4.

Required System Attributes

- **'Other' Technology Type - Select One:** Low Impact Hydro, Large Scale Hydro, Captured Methane - Coal Mine, Waste Coal, Fuel Cell - Renewable, Fuel Cell - Non-Renewable, Gas - Blast Furnace Gas, Gas - Other, Distributed Generation Combined Heat and Power Projects, Biomass (Agriculture, Gas, Liquids, Solids, Poultry, Sludge, Swine), Pumped Storage, Solid Waste - Municipal Solid Waste, Waste Heat, Wood-Black Liquor - In PA, Wood Waste Liquids - In PA, Industrial By-Product, or Demand Side Management.
- **Total System Size (AC Watts):** The combined maximum nameplate rating size calculation of the asset measured in alternating current Watts.
- **Description of your facility:** A technical narrative summary outlining the operations and physical mechanics of the facility.

Required Documentation Checklist

- System Configuration Photos** – Clear engineering pictures showing the physical generators, turbines, or conversion equipment.
- Commercial Operation Verification** – A Certificate of Completion (CoC), or Permission to Operate (PTO) document, or other utility issued document confirming commercial operating date is required for all systems. This will contain the date that the utility granted final approval to operate the system.
- Dedicated Generation Meter Photo** – If an application is submitted more than 30 days after utility interconnection approval is issued, a meter photo is required. This may be taken from a dedicated meter showing the reading or from an online monitoring portal, if applicable. Photos from



bi-directional meters are not allowed for verification purposes as they reflect the combined production and consumption of a system.

Aggregator Relationship Document – If you have selected an aggregator to manage your system, either a Recognition of Assignment (ROA) or a Schedule A is required. An ROA is required for leased/PPA systems while a Schedule A is required for non-leased/PPA aggregated systems. Please thoroughly review the document and ensure that all required signatures are present.

Mandatory Environmental Operating Permits – Depending on facility type, current permits will need to be provided. Please refer to the permits matrix below and upload them to the additional paperwork field.

Technology Regulatory Requirements Reference Matrix

Technology Class	AEPS Tier	Required Compliance Permits & Licenses
Low-impact hydropower	Tier I	FERC license; DEP: Water Quality Certification (401), Water Obstruction/Encroachment Permit (105), NPDES Construction Stormwater Permit (102); PA Limited Power Permit; Submerged Lands License Agreement; LIHI Certificate
Geothermal energy	Tier I	None
Biologically-derived methane gas	Tier I	Air Quality Operating Permit / Possible Waste Management Permit
Fuel cells	Tier I	Air Quality Operating Permit
Biomass energy	Tier I	Air Quality Operating Permit / Possible Waste Management Permit
Coal mine methane	Tier I	Air Quality Operating Permit
Waste Coal	Tier II	Air Quality Operating Permit / Waste Management Permit / Mining Permit
Distributed generation systems	Tier II	Air Quality Operating Permit
Demand-side management	Tier II	None
Large-scale hydropower	Tier II	FERC license; DEP: Water Quality Certification (401), Water Obstruction/Encroachment Permit (105), NPDES Construction Stormwater Permit (102); PA Limited Power Permit; Submerged Lands License Agreement



Municipal solid waste	Tier II	Air Quality Operating Permit / Possible Waste Management Permit
Wood Manufacturing By-products	Tier II	Air Quality Operating Permit / Possible Waste Management Permit (Tier I if in-state)
Integrated combined coal gasification	Tier II	Air Quality Operating Permit

