

WREGIS thermal cogeneration refers to the production of thermal energy as a byproduct of electricity generation from a renewable resource for a secondary purpose. WREGIS may issue Thermal Renewable Energy Certificates (TREC) for registered generating assets approved to participate in a TREC program by a qualified state, provincial, or voluntary program administrator. TRECs will be calculated using the following formula:

$$3,412,000 \text{ Btu}/3.412 \text{ MMBtu} = \text{one WREGIS TREC (1 MWh equivalent)}.$$

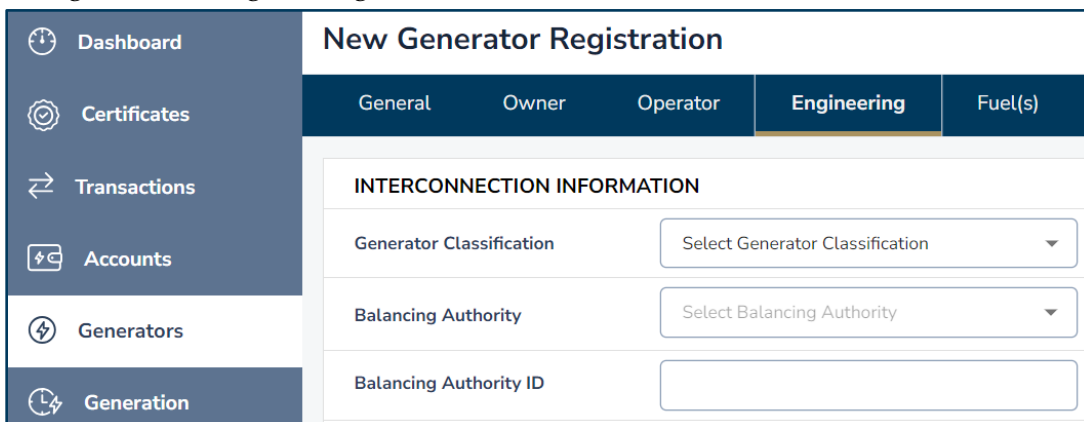
This document will teach users how to complete system tasks specific to thermal cogeneration within WREGIS. For information about requirements for registering thermal cogeneration assets, see Appendix C of the [WREGIS Operating Rules](#) and [Generator Registration - Documentation](#).

If you have questions, contact wregishelp@wecc.org.

Thermal Cogeneration Generator Registration

To add thermal cogeneration tracking to a new or existing registration—

1. Create a new asset registration or click **Edit** on an existing electrical generating unit registration.
NOTE: Thermal cogeneration assets cannot be registered without a corresponding electrical generating unit registration.
2. Navigate to the Engineering tab on the Generator Form.



New Generator Registration				
General	Owner	Operator	Engineering	Fuel(s)
INTERCONNECTION INFORMATION				
Generator Classification	Select Generator Classification			
Balancing Authority	Select Balancing Authority			
Balancing Authority ID	<input type="text"/>			

3. Select 'Yes' for **Is this a Cogeneration Facility?** and enter the required information in the newly visible fields.

COGENERATION FACILITY	
Is this a Cogeneration Facility? *	<input checked="" type="radio"/> Yes <input type="radio"/> No
Maximum Annual Thermal Output	<input type="text"/> MMBTU
Thermal Reporting Entity *	Select Thermal Reporting Entity ▼
Thermal Reporting Entity Unit ID †	<input type="text"/>

4. Fill out any other needed information on the registration and submit for administrator review by clicking **Save Changes** or **Submit Generator** in the top right corner of the screen.

The electrical and thermal cogeneration assets will be assigned a WREGIS GU ID. The electrical Asset ID starts with 'W' (e.g., W99999), and the thermal cogeneration Asset ID uses the same number but starts with 'WT' (e.g., WT99999). Editing non-thermal information on one generating asset will update the information on the other asset. When making updates to a registration, both assets will enter pending status and be reviewed by the WREGIS Administrator for approval.

Thermal Reporting Entity

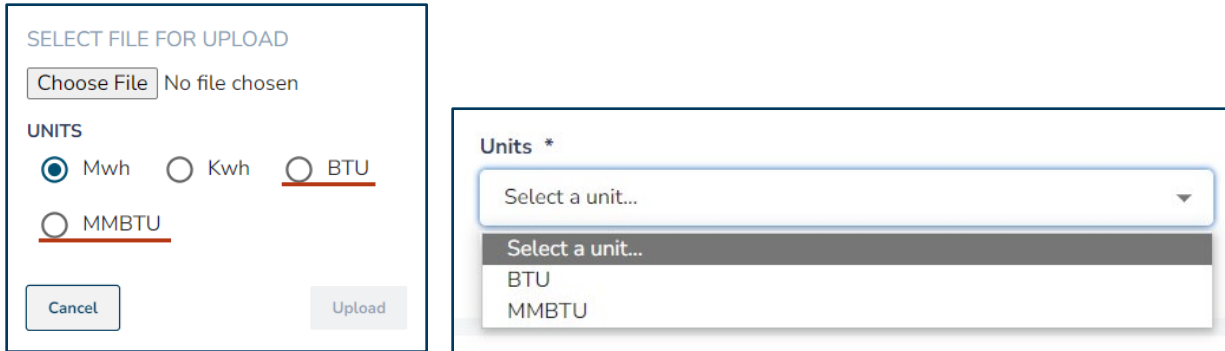
Thermal cogeneration assets with the capacity to generate one or more TRECs per hour of operation (3.412 million Btu/hour) require a Thermal Qualified Reporting Entity (TQRE) to report thermal generation data. Generation data for thermal cogeneration assets below that capacity may be self-reported by the registering organization.

Only pre-existing QREs in WREGIS may apply to become a TQRE. For more information on becoming a TQRE, contact wregishelp@wecc.org.

Reporting Thermal Generation Data

Reporting generation data for thermal cogeneration assets is the same as reporting electrical generation data, with the following exceptions:

1. Generation must be submitted in Btu or MMBtu. You can do this by selecting the appropriate unit in the file upload interface or in the User Interface.



2. You must use the Thermal Reporting Entity ID (entered when the thermal cogeneration asset was registered) to report thermal generation data using a file and cannot use the Asset ID. To do this, leave the Generator ID column blank and enter the Thermal Reporting Entity Unit ID in the Reporting Unit ID column in the generation data upload file.

Generator ID	Reporting Unit ID	Vintage	Start Date	End Date	Total Quantity
	Thermal Reporting Entity Unit ID	mm/yyyy	mm/dd/yyyy	mm/dd/yyyy	*Quantity of Generation*

For complete instructions on submitting generation data, read the training materials for [File](#) and [UI](#) uploading.

Thermal generation data must pass system feasibility testing and may be selected for audits. Thermal generation data that passes the feasibility check will enter a 14-day holding period when it can be accepted or disputed. Accepting the generation will bypass the wait time and immediately issue any TRECs due. More information on how to accept and dispute generation can be found [here](#).

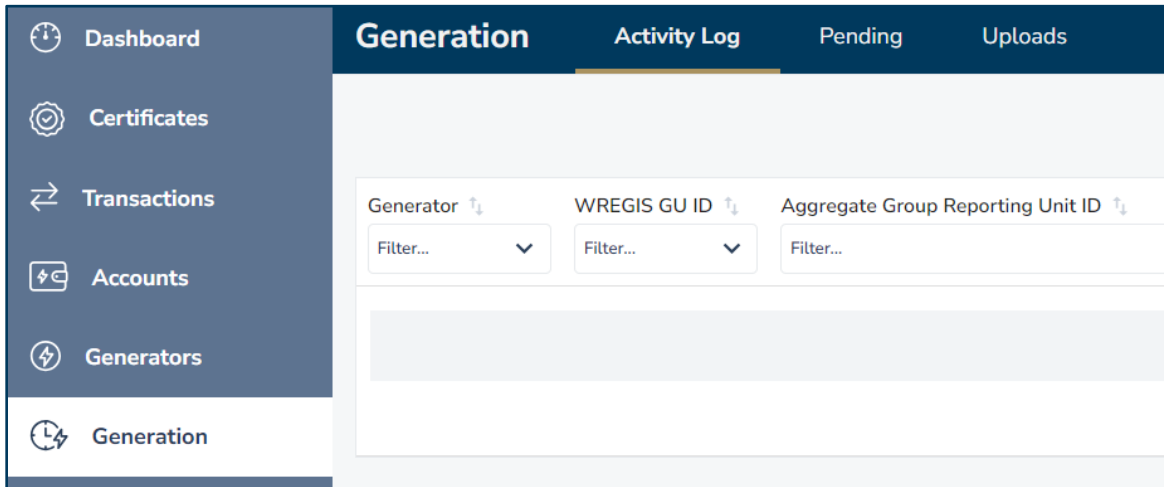
Certificate creation of one energy type does not depend upon the reporting or approval of the other type for electric and thermal generation.

Viewing Thermal Generation Data

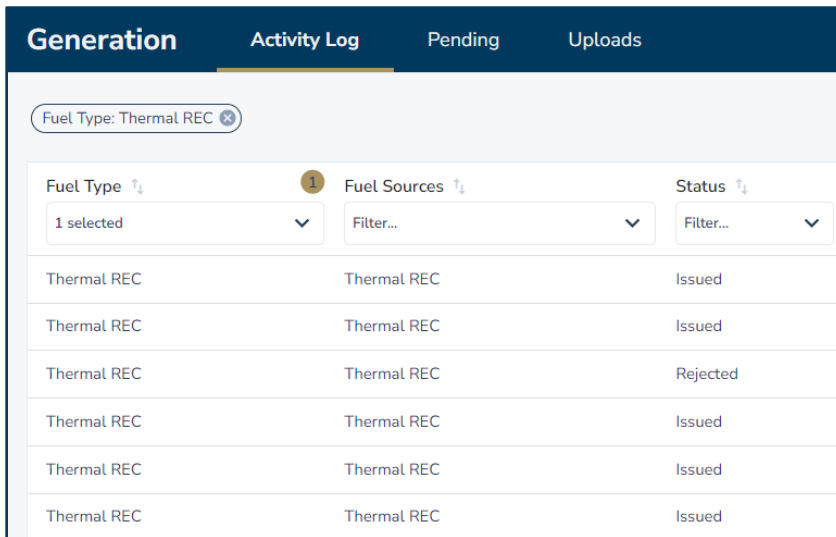
Thermal generation data is viewable alongside electric generation data in your organization. Thermal generation data is displayed in its MWh equivalent after uploading. **Example:** if 3.412 MMBtu of thermal generation is submitted, the system would display 1 MWh.

To view thermal generation data that has been uploaded into WREGIS—

1. Go to **Generation**; a table with generation data will appear on the **Activity Log** tab.



2. Thermal generation entries will have 'Thermal REC' in the **Fuel Type** and **Fuel Source** fields.



3. Apply any additional filters needed.
4. If you want to download the data, click the down arrow in the top-right of the screen and select the desired file type (.CSV or .PDF).



NOTE: If the report is more than 100 lines long, it will be emailed to the requestor.