



NEPOOL GIS Generation Data Loading User Guide

Generation data in GIS can either be self-reported or uploaded by an approved Independent Verifier based on RPS state approvals.

This User Guide outlines the steps for how to report generation data to NEPOOL GIS and focuses on the following areas:

- Self-Report Generation Data
- Report Generation Data by an Independent Verifier
- Enter Generator Emissions Data
- ISO-NE Settlement Data Upload

A. Self-Report Generation Data

For generators that are qualified to self-report generation data in GIS, User takes the following steps:

1. In the Account Dashboard, locate the **Asset Management** module.
2. Under the **Asset Management** module, click the corresponding hyperlinked month and year under the Modify Generation/Emissions column.

Asset Management					
					Total Assets 11
Unit ID	Plant - Unit	Reveal Output to Regulators	Generator Type	Status	Modify Generation/Emission
NON112555	Account1 - Plant 1 - Unit 1	No	Non-NEPOOL Gen	Approved	OCT 2017
NON112564	Account1 - Plant 10 - Unit 10	No	Non-NEPOOL Gen	Approved	OCT 2017
NON112654	Account1 - Plant 100 - Unit 100	No	Non-NEPOOL Gen	Approved	OCT 2017

3. Select the appropriate Year and Month from the drop-downs.

Emissions

Plant - Unit: Account1 - Plant 1 - Unit 1
 CEM Reporting: No
 Peer unit name and address (if not reporting actual generator emissions): n/a

Year: 2017 Month: October

Emissions Split by Approved Emissions Protocol: (Active for the GIS Administrator only, please call 408-986-2247 if you would like more information on the Emission Protocol Approval process.)

Emissions in Pounds per Month (format: 1.1234)

Fuel	Generation* (MWH)	Carbon dioxide*	Carbon monoxide*	Mercury*	Nitrogen oxides*	Particulate matter*	Particulate matter (<=10µm)	Sulfur dioxides*	Volatile organic compounds
Solar Photovoltaic	Per Month								
	Per MWh								

EPA

Carbon dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

History

Carbon Fuel	Nitrogen dioxide	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

* Required Field

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4. Enter the monthly generation under the Generation (MWh) column and emissions (if applicable) under each corresponding emission columns.

Emissions

Plant - Unit: Account1 - Plant 1 - Unit 1
 CEM Reporting: No
 Peer unit name and address (if not reporting actual generator emissions): n/a

Year: 2017 Month: October

Emissions Split by Approved Emissions Protocol: (Active for the GIS Administrator only, please call 408-986-2247 if you would like more information on the Emission Protocol Approval process.)

Emissions in Pounds per Month (format: 1.1234)

Fuel	Generation* (MWH)	Carbon dioxide*	Carbon monoxide*	Mercury*	Nitrogen oxides*	Particulate matter*	Particulate matter (≤10µm)	Sulfur dioxides*	Volatile organic compounds
Solar Photovoltaic	Per Month 3	0	0	0	0	0	0	0	0
	Per MWh								

EPA

Carbon dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

History

Carbon Fuel dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

* Required Field

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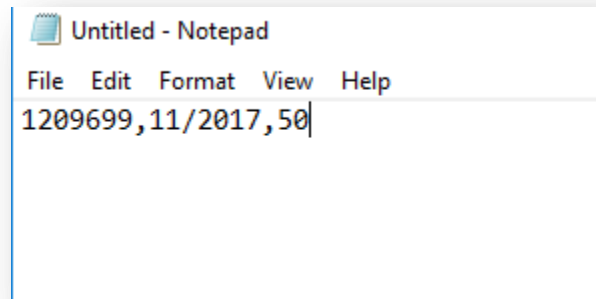
Note: Generators located in New England will report gross monthly emissions output and Import generators will report emissions in lbs/MWh.

5. Click the 'Save' button to report monthly generation data.

B. Report Generation Data by an Independent Verifier

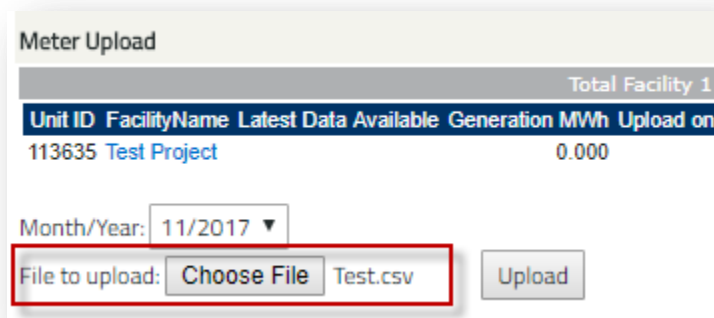
Independent Verifiers are assigned to projects through the project registration screen and approved based on RPS state approvals. Once an independent verifier is selected and the project is approved in GIS, the Independent Verifier begins uploading monthly generation data for projects. To upload GIS generation data, the Independent Verifier takes the following steps:

1. Create a .TXT or .CSV monthly file for Generation Data Upload. The fields in the Generation Data Batch Upload must contain:
 - a. GIS ID number (NON prefix removed)
 - b. Month/Year (MM/YYYY format)
 - c. Total MWh



Note: The monthly generation data file may contain multiple unit ids. MWh data can be loaded out to the thousandth decimal place. Any fractional MWh data will be carried over and applied to the subsequent generation month.

- Go to the **Meter Upload** module, under the Month/Year drop-down, select the month and year, and click the 'Choose File' button to locate the file.



- Click the 'Upload' button to upload the monthly generation data file.

Note: If there are any issues with the data in the upload file, the file will not be uploaded.


Meter Upload

				Total Facility 1
Unit ID	FacilityName	Latest Data Available	Generation MWh	Upload on
113635	Test Project		0.000	

Month/Year:

File to upload: Test.csv

- After clicking the 'Upload' button, a confirmation screen will appear to display and confirm the results of the upload.



Generation Information System

Upload File Name: Test.csv
For Month/Year: 02/2018

Validating...
Validation PassedInserting...
DONE

C. Enter Generator Emissions Data

Generating units with fuel/technology types other than Hydro, Geothermal, Nuclear, Ocean, Solar, Wind, Flywheel or Thermal are required to enter emissions into NEPOOL GIS. To enter emissions, User takes the following steps:

1. In the Account Dashboard, locate the **Asset Management** module.
2. Under the **Asset Management** module, click the corresponding hyperlinked month and year under the Modify Generation/Emissions column.

Asset Management					
					Total Assets 11
Unit ID	Plant - Unit	Reveal Output to Regulators	Generator Type	Status	Modify Generation/Emission
NON112555	Account1 - Plant 1 - Unit 1	No	Non-NEPOOL Gen	Approved	OCT 2017
NON112564	Account1 - Plant 10 - Unit 10	No	Non-NEPOOL Gen	Approved	OCT 2017
NON112654	Account1 - Plant 100 - Unit 100	No	Non-NEPOOL Gen	Approved	OCT 2017

3. Select the appropriate Year and Month from the drop-downs.

Emissions

Plant - Unit: Test Project
 CEM Reporting: No
 Peer unit name and address (if not reporting actual generator emissions): n/a

Year: 2018 Month: February

Emissions Split by Approved Emissions Protocol: (Active for the GIS Administrator only, please call 408-986-2247 if you would like more information on the Emission Protocol Approval process.)

MSS Meter: 5 (MWh)

Emissions in Pounds per Month (format: 1.1234)

	Generation* (MWh)	Carbon dioxide*	Carbon monoxide*	Mercury*	Nitrogen oxides*	Particulate matter*	Particulate matter (<=10µm)	Sulfur dioxides*	Volatile organic compounds
Biomass	Per Month 50								
	Per MWh								

EPA

Carbon dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

History

Carbon Fuel dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

* Required Field

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4. Verify the monthly generation under the Generation (MWh) column and enter emissions under each corresponding emission columns.

Emissions

Plant - Unit: Test Project
 CEM Reporting: No
 Peer unit name and address (if not reporting actual generator emissions): n/a

Year: 2018 Month: February

Emissions Split by Approved Emissions Protocol: (Active for the GIS Administrator only, please call 408-986-2247 if you would like more information on the Emission Protocol Approval process.)

MSS Meter: 5 (MWh)

Emissions in Pounds per Month (format: 1.1234)

Fuel	Generation* (MWH)	Carbon dioxide*	Carbon monoxide*	Mercurv* Mercury	Nitrogen oxides*	Particulate matter*	Particulate matter (<=10 µ m)	Sulfur dioxides*	Volatile organic compounds
Biomass	Per Month 50	55	55	55	55	55	55	55	55
	Per MWh								

EPA

Carbon dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

History

Carbon Fuel dioxide	Nitrogen oxides	Sulfur dioxides
<input type="text"/>	<input type="text"/>	<input type="text"/>

* Required Field

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Note: Generators located in New England will report gross monthly emissions output and Import generators will report emissions in lbs/MWh

- Click the 'Save' button to save emissions entry.



D. ISO-NE Settlement Data Upload

All ISO-NE generation settlement data is uploaded in to the NEPOOL GIS on a monthly basis on or around the 15th of every month subsequent to the month the generation occurred.

For MSS meter data inquiries, please reach out to the ISO-NE Customer Support at (413) 540-4220.