

Rhode Island RES - Fuel Filing Reports Overview

Fuel Filing Functionality

- RI RES Program Admins assign a Fuel Filing Report Type (Landfill Gas, Other non-Landfill Gas Biomass, Biogas, N/A) to a facility. Once the authorized representative for each facility creates an account in the portal, access is granted to the applicant to file fuel reports. Please email us at admin@rhodeislandres.com once you have created your account in the portal.
- On the Fuel Filing tab, users select a facility to:
 - Enter data for current quarter if a reporting period is open.
 - View read-only data for previous quarters/years.
- Report data entry page includes:
 - The fields previously used for manually entering reports, including data fields to be entered by the user and fields computed by the portal.
 - Additional form fields for information that was previously included in a separate document:
 - The required signed statement verifying that only eligible fuels are used and detailing the types of fuels used at the facility.
 - A brief written description detailing any operational or equipment issues that may impact the accuracy of the numbers reported.
- Fuel Filers' read-only reports for previous quarters/years resemble the spreadsheets used for manually entering reports, with each report containing monthly data for an entire calendar year.

Implementation

A RI RES program administrator will assign fuel filing report type to a facility and grant Fuel Filing access to the applicant once they create an account using the email associated with previous filings.

- Fuel Filing Report Type when reviewing the application. Options are:
 - N/A
 - Landfill Gas
 - Other (non-LFG) Biomass
 - Biogas
- After the program admin selects a Fuel Filing Report Type, the user will be able to upload filing:
 - If the Fuel Filing Report Type is Landfill Gas, Other (non-LFG) Biomass or Biogas, the applicant is granted the Fuel Filing role, giving them access to a new Fuel Filer tab that enables them to enter quarterly Fuel Filing reports.
 - When a Fuel Filer begins a new report for a facility, the selected Fuel Filing Report Type (Landfill Gas, Other (non-LFG) Biomass or Biogas) will determine the data fields to be entered for the report.

Filing Instructions

The filer will click “Fuel Filing” at the top of the portal. This screen shows the applicant’s view for all facilities that require Fuel Filing Report Type other than N/A for their application (Figure 1).

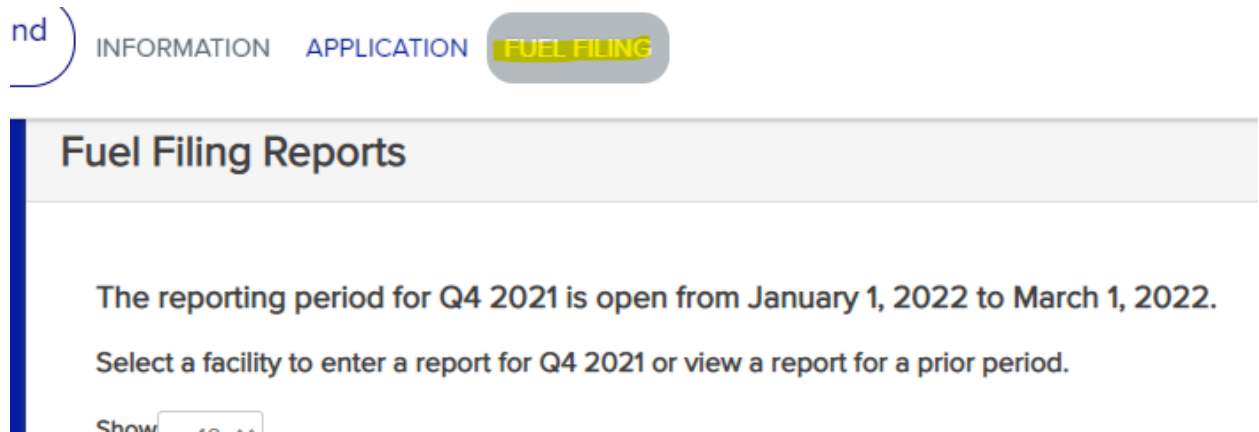


Figure 1

Fuel Filer users can select a facility to:

- Enter data for current quarter if a reporting period is open.
- View read-only data for previous quarters/years.

The page for the Fuel Filing tab is a facility dashboard that displays:

- A notification that a reporting period is currently open, with start and end dates, or a message that the reporting period is closed with the start date of the next reporting period.
- A list of the user’s facilities that have been assigned a Fuel Filing Report Type (other than N/A) by the Project Admin.
 - The list includes the facility ID, project name, associated report type and a link to view reports submitted for prior periods.
 - If a reporting period is open, the list also includes the status of the current quarter’s report, information needed if a Project Admin has submitted a Need Info and a link to enter data for the quarter.

The reporting periods are:

- Quarter 1: March 31 - May 30
- Quarter 2: June 30 - August 29
- Quarter 3: September 30 - November 29
- Quarter 4: December 31 - March 1

This screen shot shows the dashboard while a reporting period is open. If the dashboard is viewed between reporting periods, the columns for Current Report Status, Info Needed and Enter Quarterly Report are not included (Figure 2).

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Fuel Filing Reports

The reporting period for Q1 2022 is open from April 1, 2022 to May 30, 2022.

Select a facility to enter a report for Q1 2022 or view a report for a prior period.

Show 10 ▾

Facility ID ▾	Project Name	Report Type	Current Report Status	Info Needed	Enter Quarterly Report	View Prior Reports
33	Another Appendix Test	Other (Non-LFG) Biomass	In Progress	Need details on this that and the other, please.	Edit/View	View prior
28	Testing PHP v7.4	Biogas	Not Begun		Enter Report	View prior
27	DJB email test 2	Landfill Gas	Not Begun		Enter Report	View prior
22	pdf test 3	Landfill Gas	Not Begun		Enter Report	View prior

Figure 2

Fuel filing users enter report data by clicking the link in the Enter Quarterly Report column on the dashboard for a facility. The report data entry page includes fields for one quarterly report.

- Some fields are the same for all reports while others vary by report type -- Landfill Gas, Other (non-LFG) Biomass or Biogas.
- There are general fields (one response per quarterly report) and monthly fields (repeated for each of the three months of the quarter).
- All calculated fields are read-only and use equations to calculate values based on the data provided by the fuel filer.

General fields common to all report types:

- Types of fuels used at the facility (required).
- Description of any operational or equipment issues that may impact the accuracy of the numbers in the report.
- Attestation that only eligible fuels are being used at the facility (checkbox and Full Name of Signatory) (required).
- Optional upload documents (up to 3).

General fields specific to Landfill Gas (LFG) reports:

- Document upload: gas sample ultimate analysis report taken at the project site. Required for first quarter report only.

General fields specific to Other (non-LFG) Biomass (NLFG) reports:

- Does the facility combust any fuels (such as woodchips and other eligible biomass fuels) that are delivered to the site? (required)
 - If yes: document upload for Supplier Delivery Log is required.

- Does the facility burn multiple fuels or co-fire with non-renewable fuels? (required)
- Total Delivered this Quarter (tons) (required).
- Total Burned this Quarter (tons) (computed).

General fields specific to Biogas reports:

- Does the facility co-digest manure with food wastes or other substrates that are delivered to the site? (required)
 - If yes: document upload for Supplier Delivery Log is required.
- Document upload: gas sample ultimate analysis report taken at the project site. Required for first quarter report only.

Monthly fields repeated for each of the three months in the quarter (all required except comments):

LFG:

- Gross Electricity Generated (MWh)*
- Methane Content (%) REQUIRED
- Calculated LFG Higher Heating Value (HHV) (Btu/scf)
- LFG Used (1,000 scf)
- Calculated LFG Used (MMBtu)
- Calculated Heat Rate (Btu/kWh), HHV
- Total MWhs to Grid*
- MWhs to Grid % of Net Gen
- Comments

NLFG:

- Gross Electricity Generated (MWh)*
- Total Tons As-Burned
- Estimated Higher Heating Value (HHV) Btu/lb
- Calculated MMBtus
- Calculated Heat Rate (Btu/kWh), HHV
- Total MWhs to Grid*
- MWhs to Grid % of Net Gen
- Comments

Biogas:

- Gross Electricity Generated (MWh)*
- Biogas Used (1,000 standard cubic feet (scf))
- Methane Content (%)
- Calculated Biogas Lower Heating Value (LHV) (Btu/scf)
- Calculated Biogas Used (MMBtu)
- Calculated Heat Rate (Btu/kWh), LHV
- Calculated Heat Rate (Btu/kWh), HHV
- Total MWhs to Grid*

- MWhs to Grid % of Net Gen
- Comments

*Form validation prevents Total MWhs to Grid from exceeding Gross Electricity Generated.

The screen shots below show the report data entry page for a report (Figure 3). Note that based on the fuel type, the fields may vary slightly

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Verification Report of Electricity Generation from Other (Non-LFG) Biomass Operations
Reporting Period Ends: March 1, 2022 [Return to Fuel Filing Dashboard](#)

General Facility Information Completed

Types of fuels used at the facility: **REQUIRED**
test

Does the facility combust any fuels (such as woodchips and other eligible biomass fuels) that are delivered to the site? **REQUIRED**
Yes

If yes, a supplier delivery log will be required on the final step of this report.

Please describe any operational or equipment issues that may impact the accuracy of the numbers in this report:
test

For example, past report errors, omissions, or other data relevant to the eligibility of the facility. Upload a separate document in the final report step if more space is needed.

Does the facility burn multiple fuels or co-fire with non-renewable fuels? **REQUIRED**
No

If yes, please contact admin@rhodelslandres.com.

[Save and Continue](#)

Figure 3

Monthly report fields (Figure 4):

Report Data for October Completed

Gross Electricity Generated (MWh) REQUIRED

Information based on operators daily check sheets for Electricity Generated

Total Tons As-Burned REQUIRED

Based on biomass tons as metered into the boiler

Estimated Higher Heating Value (HHV) Btu/lb REQUIRED

Based on weighted average values measured during the month

Calculated MMBtus

Calculated Heat Rate (Btu/kWh), HHV

Total MWhs to Grid REQUIRED

Based on meter readings for the month

MWhs to Grid % of Net Gen

Comments

Figure 4

Additional general information, uploads and attestation (Figure 5):

Additional Info and Document Uploads In Progress

Total Delivered this Quarter (tons) REQUIRED

From supplier delivery receipts


Total Burned this Quarter (tons)

Document Uploads

The following filetypes are allowed: pdf, jpeg, jpg, png, gif, docx, doc

Supplier Delivery Log REQUIRED


No file chosen

 Supplier Delivery Log uploaded 2022-02-08 17:46:45

Include information such as a breakdown by supplier, fuel type, and tons per delivery

Optional REQUIRED

No file chosen

 Optional uploaded 2022-02-08 18:23:52

Fuel Filing Report Certification and Signature:

I hereby certify that only eligible fuels are being used at this facility.

I attest that the statement above is true and correct.

Full Name of Signatory REQUIRED

February 16, 2022, 5:39 PM

Figure 5

Fuel filing users can view submitted reports by clicking the link in the View Prior Reports column on the dashboard for a facility (Figure 6).

- The prior report page opens in a new browser tab, is read-only and includes data for a calendar year.
- The default view is the most recent year for which a report has been entered.
- A dropdown field at the top right allows the user to view a report for a previous year.
- The report header shows the year, facility ID, project name and report type.
- Below the header is a table for the monthly data for the entire year. Fields for three months will be blank if data was not entered for that quarter.
- Below the monthly data is a table for quarterly data, if applicable, followed by general information (e.g., fuels used, submission date and signatory name, uploaded files) for each quarter for which a report was submitted.

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2021 Fuel Filing Report for Facility 33 - Another Appendix Test

Verification Report of Electricity Generation from Other (Non-LFG) Biomass Operations

2021

	Gross Electricity Generated (MWh)	Total Tons As-Burned	Estimated HHV Btu/lb	Calculated MMBtu's	Calculated Heat Rate (Btu/kWh), HHV	Total MWh's to Grid	MWh's to Grid % of Net Gen	Comments
January	3000	2900	2888	16750	5583	2960	98.7	
February	4000	4000	100	800	200	4000	100.0	test test test t
March	5555	4555	88	802	144	5444	98.0	
April	3000	2900	2888	16750	5583	2960	98.7	
May	4000	4000	100	800	200	4000	100.0	test test test t
June	5555	4555	88	802	144	5444	98.0	
July	3000	2900	2888	16750	5583	2960	98.7	
August	4000	4000	100	800	200	4000	100.0	test test test t
September	5555	4555	88	802	144	5444	98.0	
October	1101	120	130	31	28	100	9.1	ggg
November	220	235	245	115	523	222	100.9	5s4yrdfuvhjknm,
December	330	340	350	238	721	360	109.1	234setdryfghubjkn

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Total Burned this Quarter (tons):	11455	11455	695	695
Total Delivered this Quarter (tons):	13000	13000	700	700

Figure 6