

Rhode Island Renewable Energy Standard

Instructions for completing the Quarterly Fuel Filing Report

As stated in the RES Regulations Section 6.3 (i), all Renewable Energy Resources of the type that combust fuel to generate electricity must file a quarterly report due 60 days after the end of each quarter. The Quarterly Fuel Eligibility Filing is being provided electronically as a MS Excel spreadsheet, and there are separate spreadsheets that should be used for Landfill Gas facilities and other biomass facilities. Additionally, each quarterly filing should be accompanied by an upfront signed statement verifying that only eligible fuels are being used and detailing the types of fuels used at your facility. The upfront statement should also include a brief written description detailing any operational or equipment issues that may impact the accuracy of the numbers reported. This could include, as relevant, past report errors, omissions, or other data relevant to the Commission's ability to determine the resource's eligibility. If the facility combusts any fuels that are delivered to the site, the report should also include supplier delivery log information containing information such as a breakdown by supplier, fuel type, and tons per delivery. In your signed, hard copy version of the Filing, please provide a printout of the electronic spreadsheet referenced above. In addition, you *must* send the electronic spreadsheet version to the RI PUC by e-mail at res.filings@puc.ri.gov

RES Regulations Section 6.3 (i):

Renewable Energy Resources of the type that combust fuel to generate electricity including but not limited to biomass facilities and dual fuel facilities must file quarterly reports due 60 days after the end of each quarter on the fuel stream used during the quarter. Such reports shall include the amounts, energy content, and other details of all fuels used and energy generated, sufficient to allow the Commission to determine the resource's eligibility under the Renewable Energy Act and, in the case of plants that co-fire an Eligible Biomass Fuel with a fossil fuel, to allow the Commission to determine or verify what amount of the Renewable Energy Resource's generation during that quarter is certified as being eligible. Generation Units that fail to supply such reports shall be immediately de-certified.

Quarterly Filing due dates are the same every year:

Quarter	Date Quarter Ends	Date Filings are Due
Quarter 1	March 31	May 30
Quarter 2	June 30	August 29
Quarter 3	September 30	November 29
Quarter 4	December 31	March 1

Landfill Gas Facilities:

In the provided electronic spreadsheet, the columns highlighted in yellow require inputs from the facility and the white columns will self-calculate. Please enter the attributes in the appropriate yellow columns for Electricity Generated (MWh), Methane Content (%), LFG Used (1,000 scf) and Total MWh to Grid. The electronic spreadsheet includes formulae to self-calculate the remaining four white columns, i.e., LFG HHV (Btu/scf), LFG Used (scf), Heat Rate (Btu/kWh), and MWh to Grid % of Net Generation. Please fill out each of the yellow columns for each of the three months in the relevant quarter. The Comments field at the far right is optional, and should be used to call attention to any specific issues that the facility wishes to highlight to the Commission. Submissions for the second, third and fourth quarters should be made by simply adding onto the spreadsheet used for previous quarters of that same year, so that the fourth quarter report will contain data from the entire year.

Additionally, with your facility's first quarter report each year, please include a gas sample ultimate analysis report taken at the project site. This will help the Commission verify the reasonableness of the provided molecular methane gas percentage and identify any other potential non-trace hydrocarbon constituents in the gas contributing to the Btu availability. This only needs to be submitted once per year, and does not need to be re-submitted with the reports for the second, third and fourth quarters.

Other (Non-LFG) Biomass Facilities

As mentioned above, if the facility combusts any fuels (such as woodchips and other eligible biomass fuels) that are delivered to the site, the report should also include supplier delivery log information containing information such as a breakdown by supplier, fuel type, and tons per delivery.

In the provided electronic spreadsheet, the columns highlighted in yellow require inputs from the facility and the white columns will self-calculate. Please enter the attributes in the appropriate yellow columns for Electricity Generated (MWh), Total Tons As-Burned, Estimated HHV (Btu/lb) and Total MWh's to Grid. The electronic spreadsheet includes formulae to self-calculate the remaining three white columns (i.e. Calculated MMBtu's, Calculated Heat Rate (Btu/kWh) and MWh's to Grid % of Net Gen). Please fill out each of the yellow columns for each of the three months in the relevant quarter. The Comments field at the far right is optional, and should be used to call attention to any specific issues that the facility wishes to highlight to the Commission. Submissions for the second, third and fourth quarters should be made by simply adding onto the spreadsheet used for previous quarters of that same year, so that the fourth quarter report will contain data from the entire year. Additionally, below this table are two rows of cells labeled "Total burned this quarter" and "Total delivered this quarter." The "Total burned this quarter" cells will automatically calculate based on values entered in the above table. Please enter values for "Total delivered this quarter" based on the submitted delivery log. If your facility burns multiple fuels or is co-firing with non-renewable fuels, please contact res.filings@puc.ri.gov

Biogas Facilities

If a biogas facility co-digests manure with food wastes or other substrates that are delivered to the site, the report should also include supplier delivery log information containing information such as a breakdown by supplier, fuel type, and gallons (or tons) per delivery.

In the provided electronic spreadsheet, the columns highlighted in yellow require inputs from the facility and the white columns will self-calculate. Please enter the attributes in the appropriate yellow columns for Electricity Generated (MWh), Methane Content (%), Biogas Used (1,000 scf), and Total MWh to Grid. The electronic spreadsheet includes formulae to self-calculate the remaining four white columns, i.e., Biogas LHV (Btu/scf), Biogas Used (MMBtu), Heat Rate (Btu/kWh), and MWh to Grid % of Net Generation. Please fill out each of the yellow columns for each of the three months in the relevant quarter. The Comments field at the far right is optional, and should be used to call attention to any specific issues that the facility wishes to highlight to the Commission. Submissions for the second, third and fourth quarters should be made by simply adding onto the spreadsheet used for previous quarters of that same year, so that the fourth quarter report will contain data from the entire year.

Additionally, below this table are three rows of cells labeled “Total manure influent to digester this quarter,” “Total food waste influent to digester this quarter,” and “Total food waste delivered this quarter”. Please enter values for “Total manure influent to digester this quarter” and “Total food waste influent to digester this quarter” based on the metered biomass flow data. Please enter values for “Total food waste delivered this quarter” based on the submitted delivery log.

The company name, site name, and date submitted cells should also be filled out for each submission. In addition, the notes descriptions should be modified as needed to accurately reflect the submitted data and values.

Additionally, with your facility’s first quarter report each year, please include a gas sample ultimate analysis report taken at the project site. This will help the Commission verify the reasonableness of the provided molecular methane gas percentage and identify any other potential non-trace hydrocarbon constituents in the gas contributing to the Btu availability. This only needs to be submitted once per year, and does not need to be resubmitted with the reports for the second, third and fourth quarters.