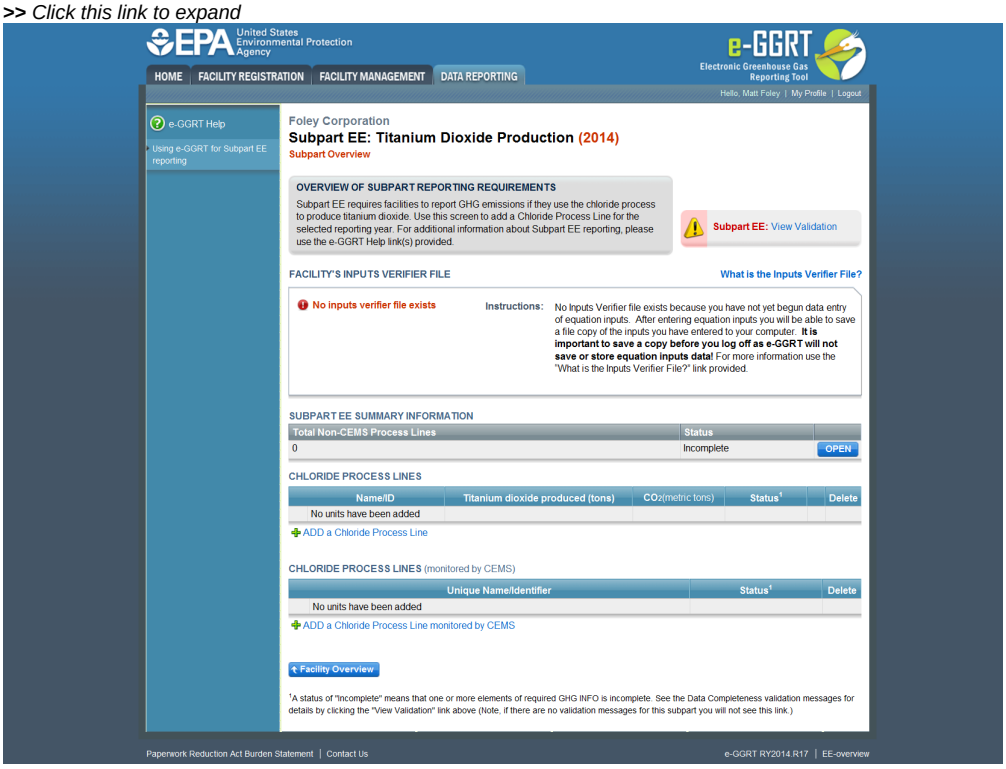
Using e-GGRT to Prepare Your Subpart EE Report for RY2014 and Later Years

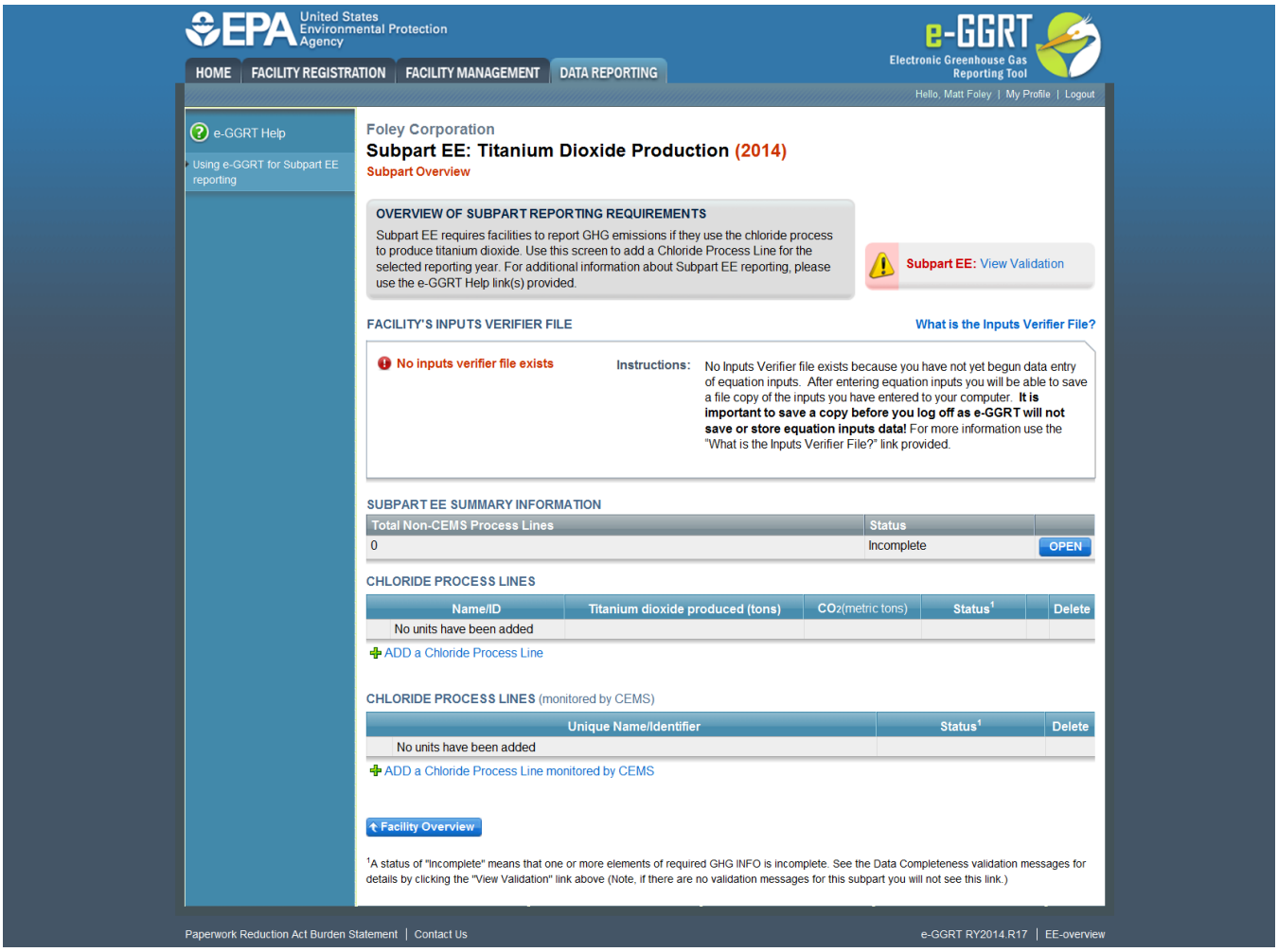
This page provides an overview of Subpart EE reporting through e-GGRT. More detailed information regarding e-GGRT reporting can be found throughout this help resource and on the Training and Testing Opportunities for GHG Reporting page.

Once you have added Subpart EE to the list of subparts you will report and have clicked on the "Open" link next to Subpart EE, you will see the following screen:

When you first open the Subpart EE Overview page it will have no units reflected. In future reporting years your units will be carried over from the prior reporting year.

>> *Click this link to expand*





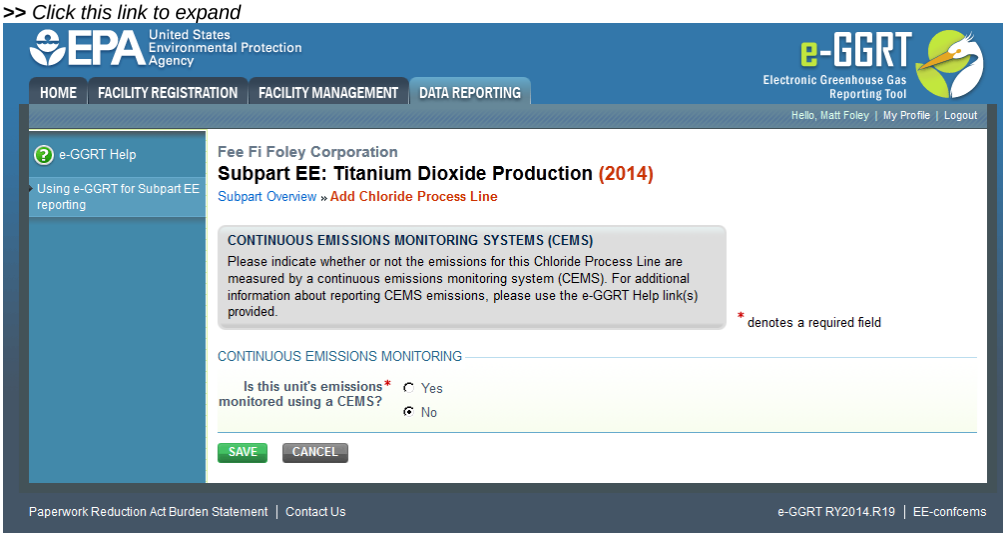
First you must enter information characterizing your Titanium Dixoide process lines. Process lines not monitored with CEMS (Non-CEMS) are entered separately from units monitored using CEMS.

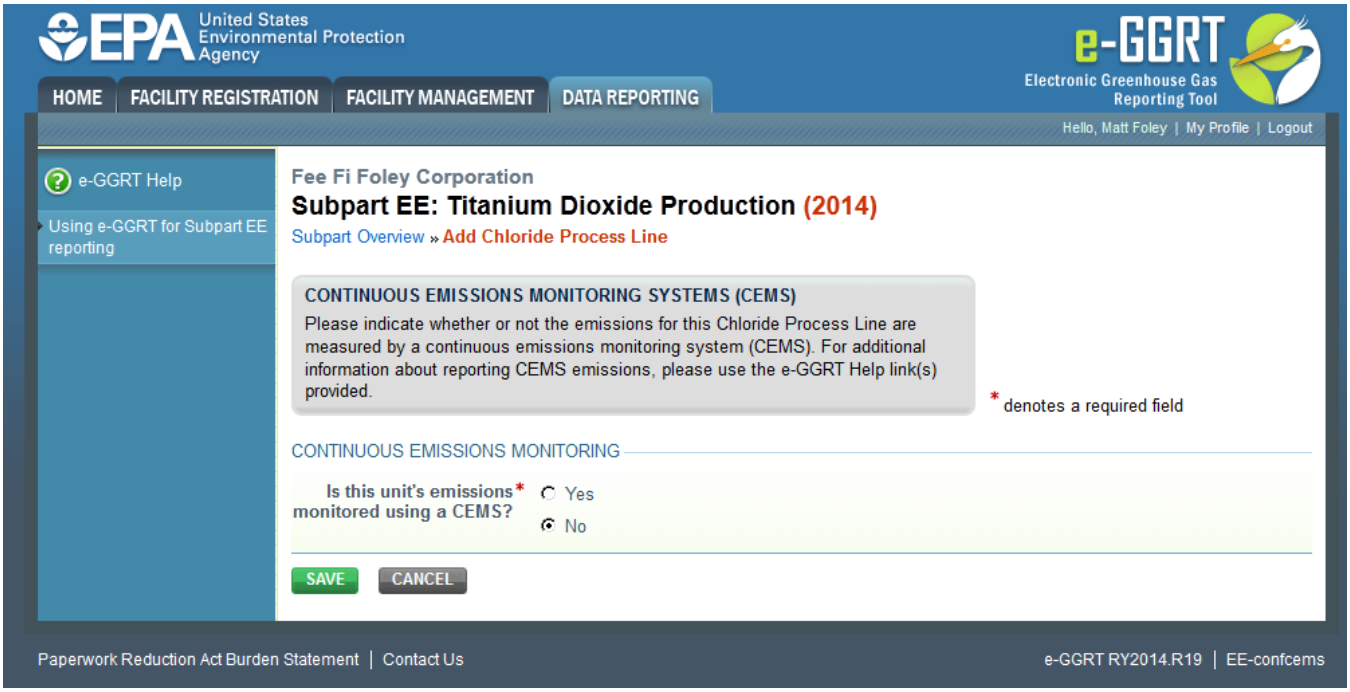
As an example we will create a facility with one Non-CEMS process line and one CEMS process line.

Add a Chloride Process Line Not Monitored by CEMS

Click "Add a Chloride Process Line" on the above screen to begin entering your process line data. You will be presented with the following screen which asks you to confirm that this unit is not monitored with CEMS. Click SAVE to continue.

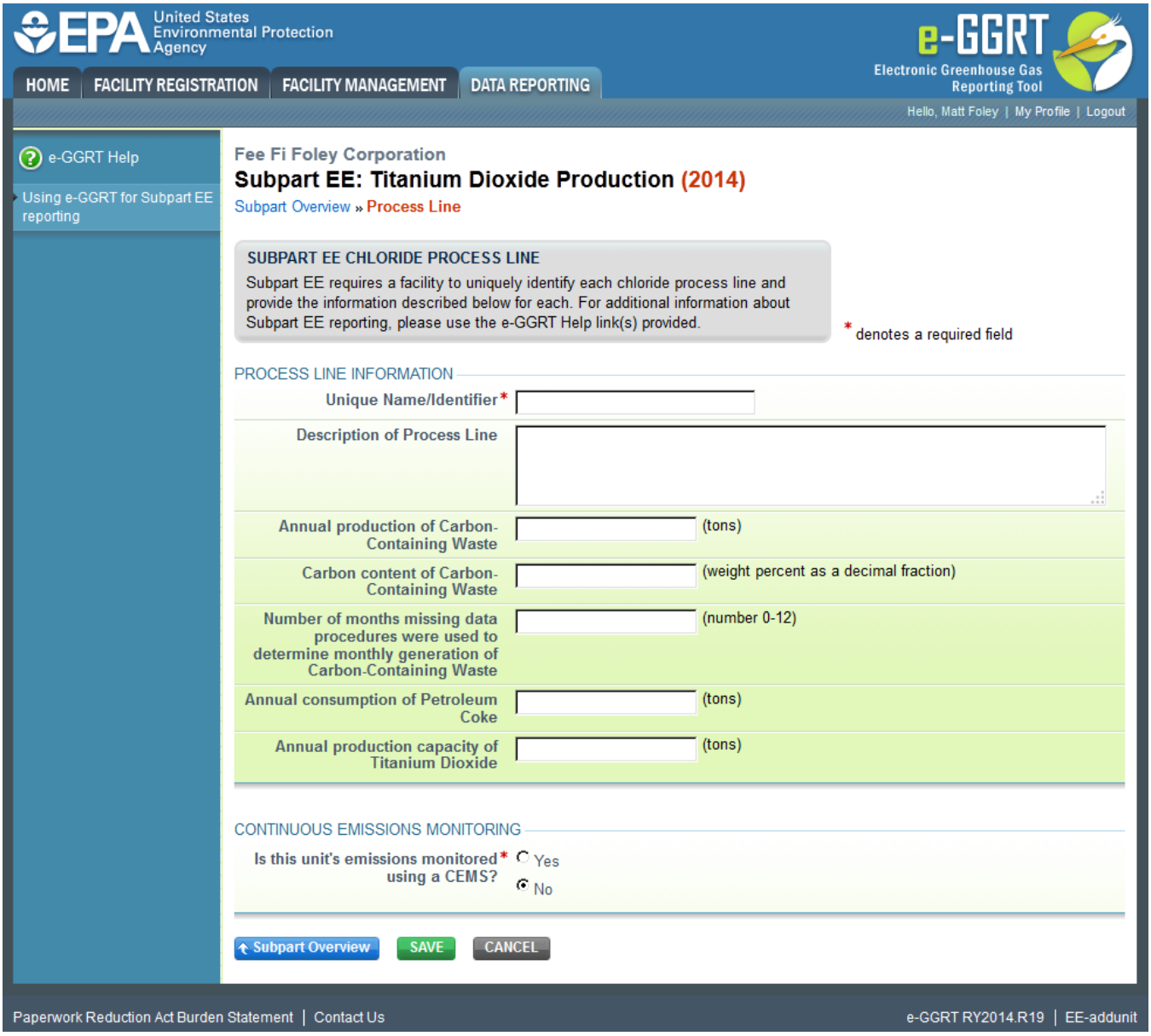
>> Click this link to expand





After clicking SAVE, you will use the Process Line page below to enter the data characterizing your Non-CEMS Chloride Process. Click SAVE when you are done.

>> *Click this link to expand*



Once you click SAVE on the Process Line page above you will be returned to the Subpart EE Overview page. Click the OPEN button for the process line you just entered.

You will be take to the Emissions Information page where you will enter the following information:

- Using the Inputs Verifier Tool (IVT), you will enter information that will allow the IVT to calculate annual CO_2 emissions for the process line. See Subpart EE Entering Equation Inputs Using IVT for instructions on how to enter your equation inputs in the inputs verifier module.
- Titanium Dioxide production (tons)
- Test Method used to determine Carbon Content of Petroleum Coke consumed

When finished, click SAVE.

>> *Click this link to expand*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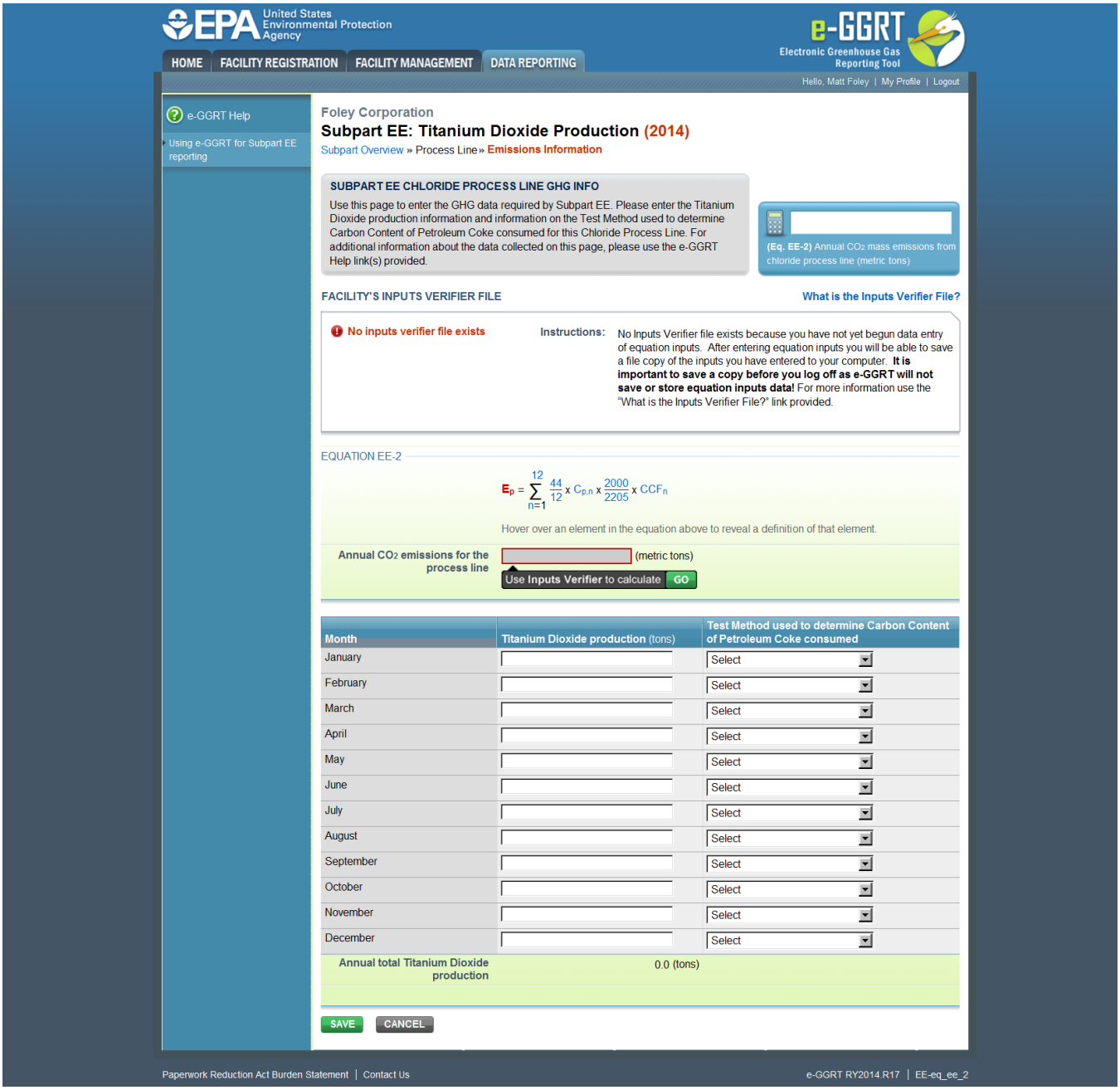


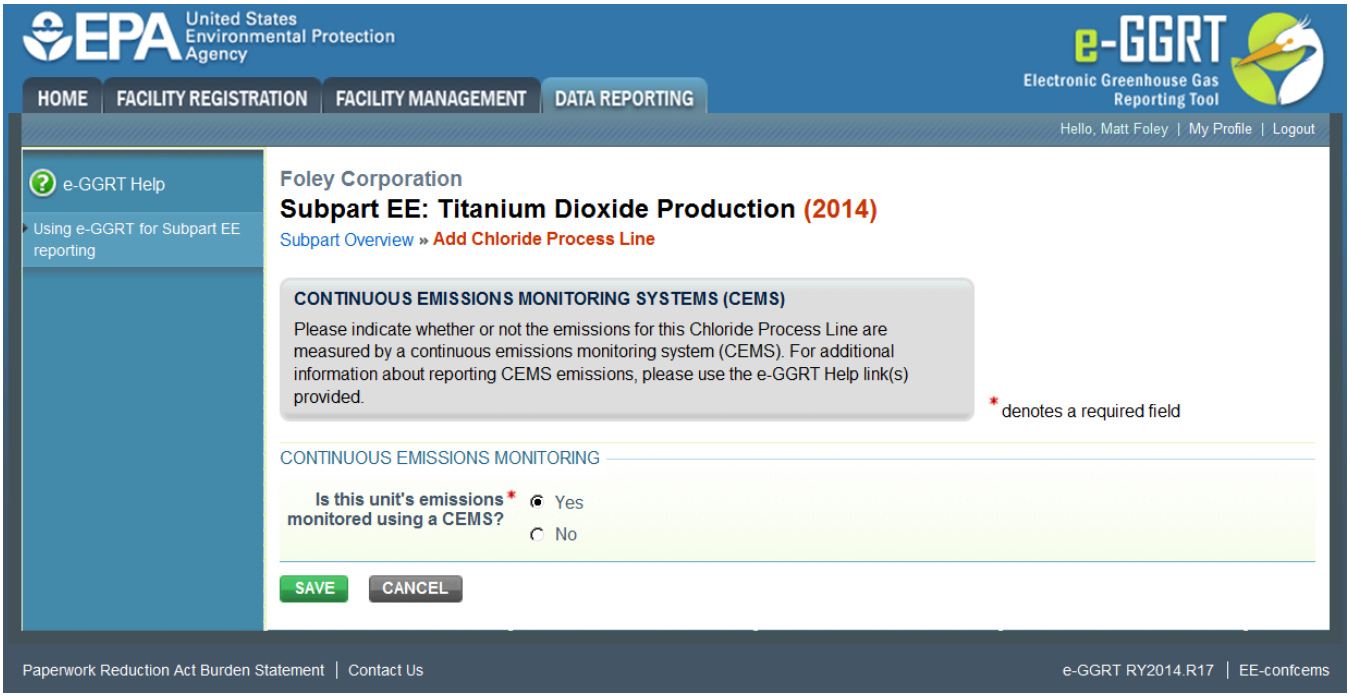
As a second example we will show how to enter data for a process line monitored by CEMS.

Add a Chloride Process Line monitored by CEMs

From the Subpart EE Overview page (see the first screen at the top of this page), click "Add a Chloride Process Line Monitored by CEMS"

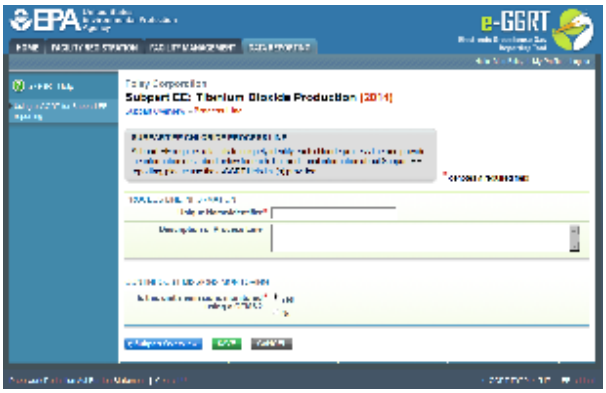
First, as shown in the screen below, you will be asked to confirm that this process line is monitored by CEMs. Click "Yes" to continue to enter CEMs information and then click SAVE.

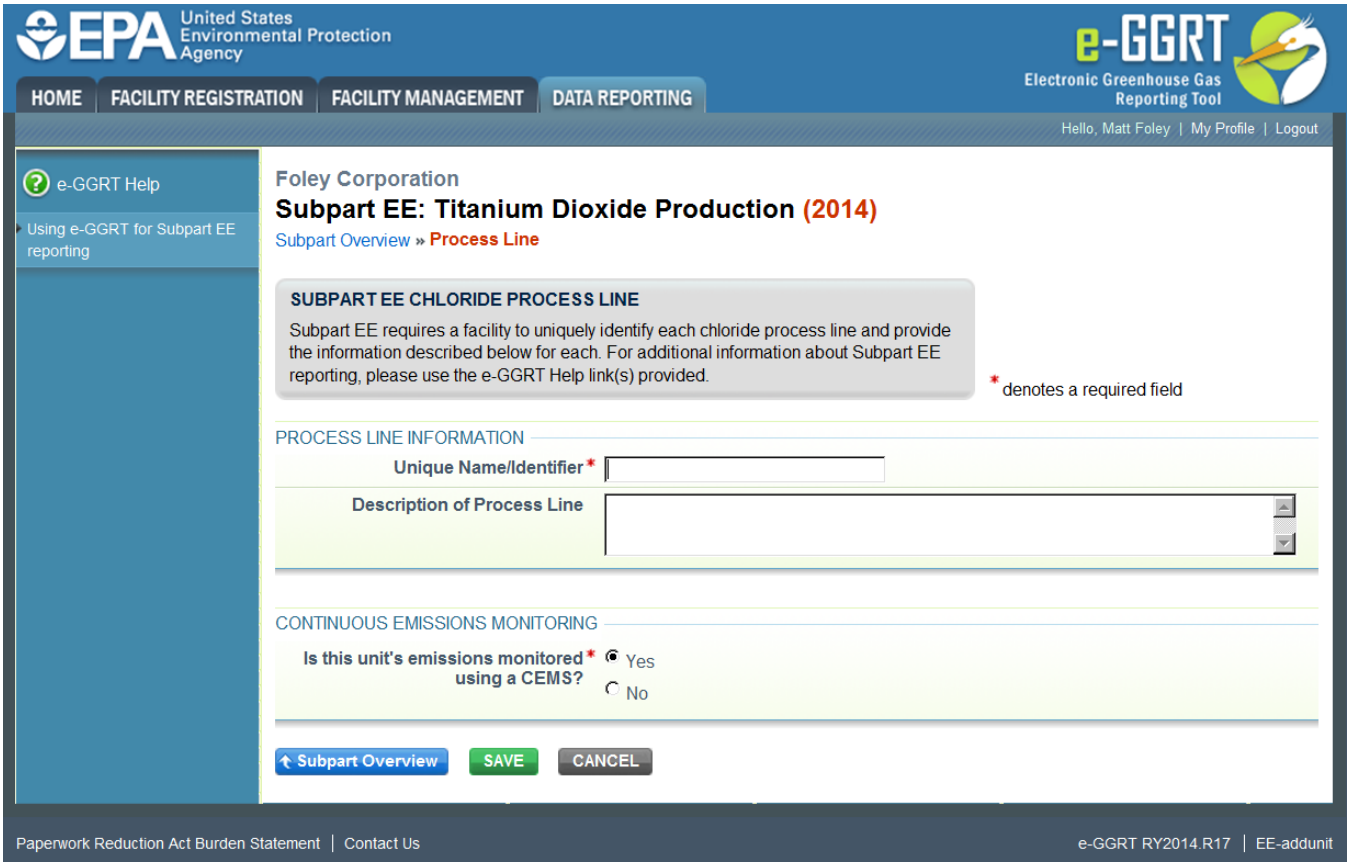
>> *Click this link to expand*



You will be taken to a screen, as shown below, where you will enter process line identification information. After entering the process line identification information for this process line click SAVE.

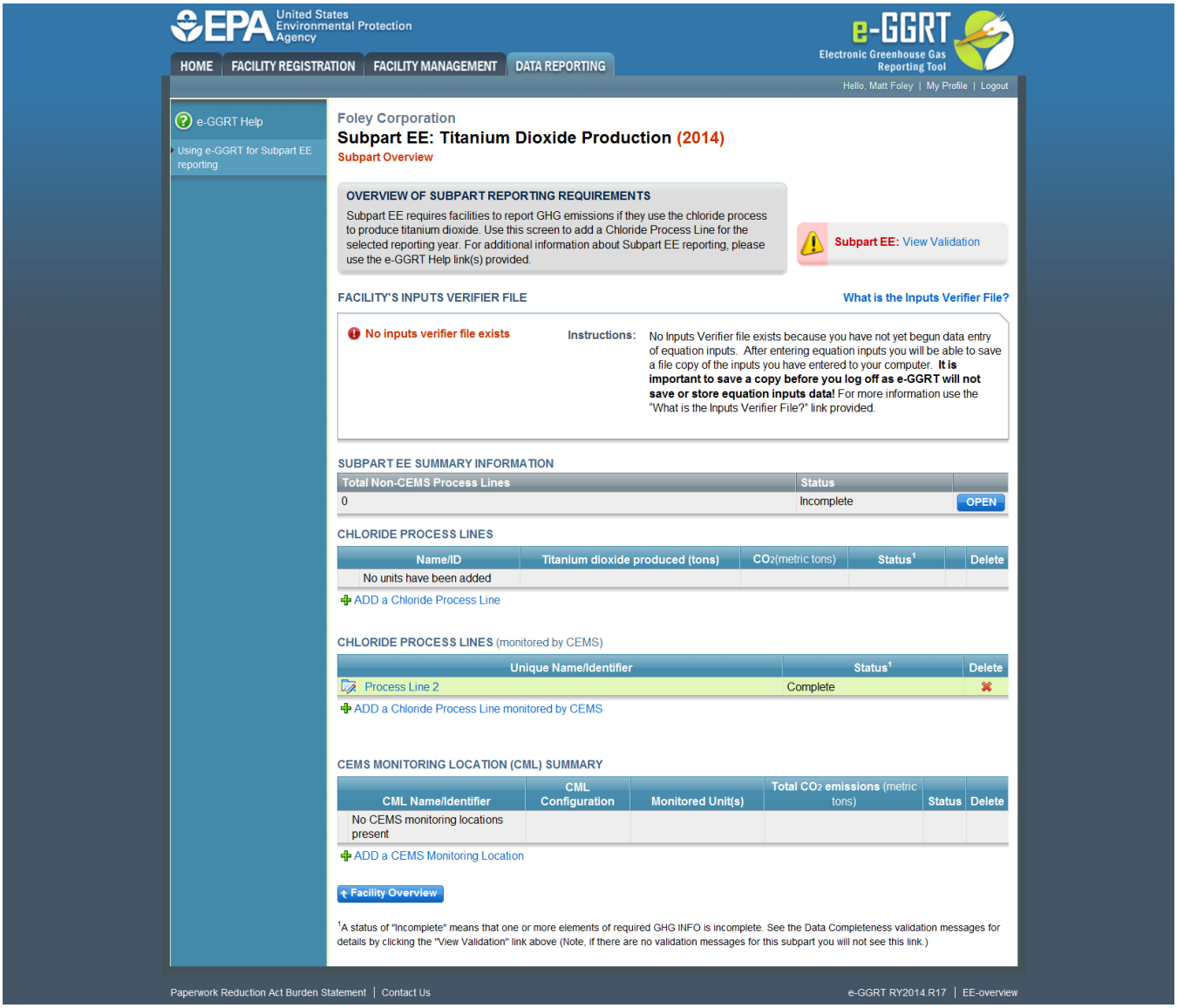
>> *Click this link to expand*





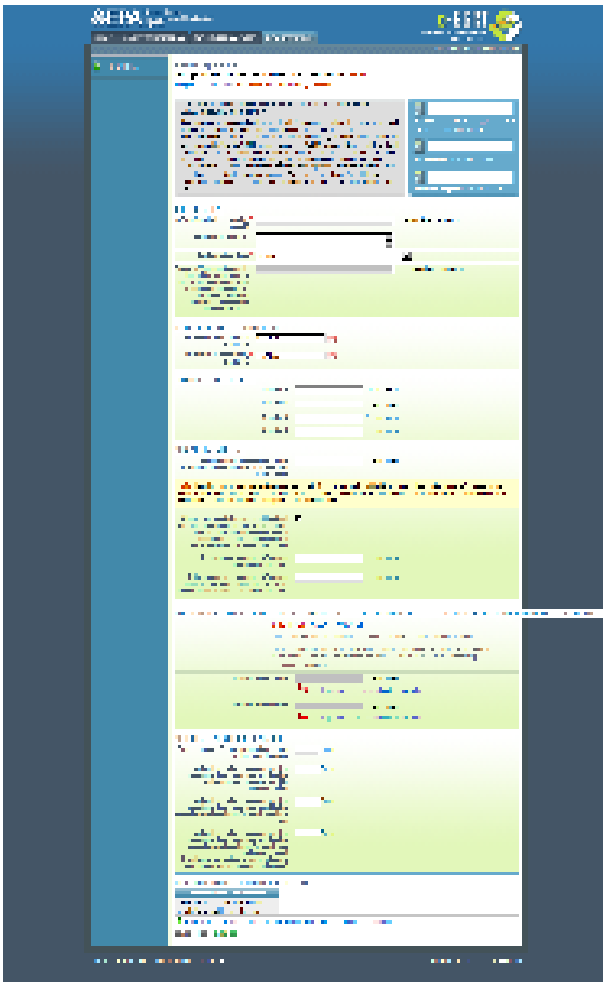
After clicking SAVE on the screen above, you will be returned to the Subpart EE Overview page, which will now have a new section at the bottom of the Overview screen, CEMS MONITORING LOCATION (CML) SUMMARY as shown below.

>> *Click this link to expand*



After clicking on the "ADD a CEMS Monitoring Location" on the Subpart EE Overview page, you will be taken to the following screen where you will add information on the CEMS monitoring location.

>> *Click this link to expand*



e-GGRT Help

Foley Corporation

Subpart EE:Titanium Dioxide Production (2014)

Subpart EE Overview » Add/Edit CEMS Monitoring Location

CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) MONITORING LOCATION (CML) INFORMATION

Use this page to uniquely identify each CEMS Monitoring Location (CML) Summary and provide the annual GHG emissions and other information described below. Use the "ADD/REMOVE a Process Unit" link at the bottom of the page to identify the process unit (s) monitored by this CEMS Monitoring Location (CML) Summary. Reminder/Note: Total Emissions from a slip stream per 98.33(a)(4)(viii)(G) should be added to the field called "Total annual CO2 mass emissions (biogenic and non-biogenic) measured by the CEMS." Emissions from a slip stream should not be reported with either quarterly CO2 emissions or with total annual non-biogenic CO2 mass emissions. For additional information about the data collected on this page, please use the e-GGRT Help link(s) provided.

Total CO_2 from CEMS (or applicable Part 75 methodology) (metric tons)

Total Biogenic CO_2 (metric tons)

Total Non-biogenic CO_2 (metric tons)

CONFIGURATION

CEMS Monitoring Location Name/ID * (40 characters maximum)

Description (optional)

Configuration Type * Select

Types of fuel combusted in the unit(s) monitored by the CEMS (applicable only to configuration type of "Process/stationary combustion units share common stack") (200 characters maximum)

TIER 4 METHODOLOGY INFORMATION

Calculation Methodology Start Date * 01/01/2014

Calculation Methodology End Date * 12/31/2014

QUARTERLY CO_2 EMISSIONS

Quarter 1 (metric tons)

Quarter 2 (metric tons)

Quarter 3 (metric tons)

Quarter 4 (metric tons)

ANNUAL CO_2 EMISSIONS

Total annual CO_2 mass emissions (biogenic and non-biogenic) measured by the CEMS (metric tons)

Note: Total Emissions from a slip stream per 98.33(a)(4)(viii)(G) should be added to the field called "Total annual CO_2 mass emissions (biogenic and non-biogenic) measured by the CEMS". Emissions from a slip stream should not be reported with either quarterly CO_2 emissions, or with total annual non-biogenic CO_2 mass emissions.

Check this box to indicate that the total annual emissions reported above for the CEMS include emissions calculated according to 98.33(a)(4)(viii) for a slipstream that bypassed the CEMS

Total annual biogenic CO_2 mass emissions for the CML (metric tons)

Total annual non-biogenic CO_2 mass emissions (includes fossil fuel, sorbent, and process CO_2 emissions) for the CML (metric tons)

EQUATION C-10 SUMMARY AND RESULTS (APPLICABLE ONLY TO CONFIGURATION TYPE OF "PROCESS/STATIONARY COMBUSTION UNITS SHARE COMMON

CH_4 or $N_2O = 0.001 \times (HI)_A \times EF$

Hover over an element in the equation above to reveal a definition of that element.

Enter CH_4 and N_2O emissions from only combustion of Table C-2 Fuels directly below. If there are no combustion emissions from Table C-2 Fuels in this CEMS Monitoring Location, please enter 0.

Total CH_4 emissions (metric tons)

Use Equation C-10 spreadsheet to calculate

Total N_2O emissions (metric tons)

Use Equation C-10 spreadsheet to calculate

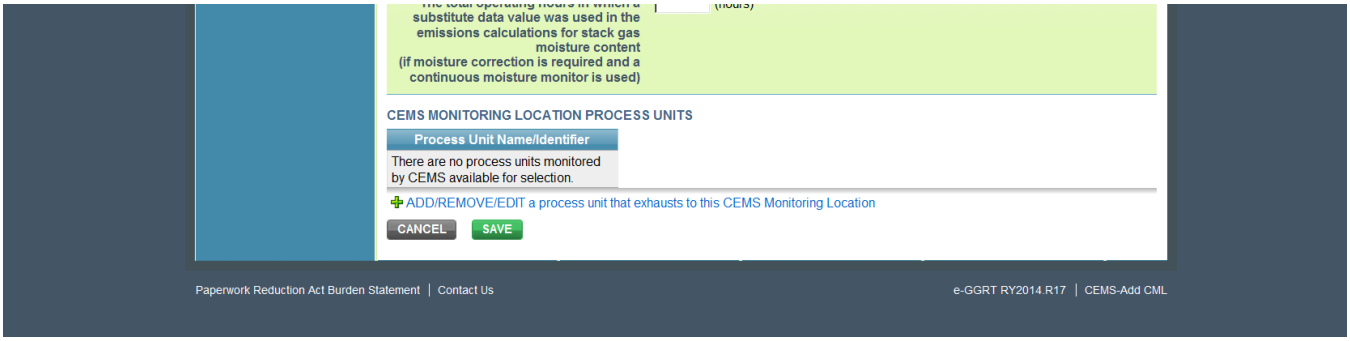
ADDITIONAL EMISSIONS INFORMATION

Total number of source operating hours in the reporting year (hours)

The total operating hours in which a substitute data value was used in the emissions calculations for CO_2 concentration (hours)

The total operating hours in which a substitute data value was used in the emissions calculations for stack gas flow rate (hours)

The total operating hours in which a (hours)



When finished, click SAVE.

Subpart Validation Report

The Validation Report assists you with determining the completeness and quality of your reported data.

We strongly encourage you to use the Validation Report to check your work. The Validation Report performs two types of checks:

- Data Completeness: Data required for reporting that are missing or incomplete.
- Data Quality: Data that are outside of the expected range of values.

Certain validation checks which are considered to represent critical errors must be corrected before you can successfully generate and submit your Annual Report. These checks are signified with a stop sign  . If you feel that you have triggered one of these critical “stop signs” checks in error, or if there’s a reason why your report should be submitted despite the check being triggered, please submit a request to the e-GGRT Help Desk at GHGReporting@epa.gov.

You may view the Validation Report at any time.

> Note that the Validation Report is intended to assist users in entering data, **but it is not an indication that the reporter has entered all necessary information, nor is it an indication that the reporter is in compliance with part 98**. Furthermore, a negative finding on the validation report is not a guarantee that a data element was entered incorrectly. For more detail on the Validation Report and its functionality please review the Subpart Validation Report page.

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