GHG Rollup Requirements

"Rollups" are aggregated GHG emissions. Rollups are automatically calculated by e-GGRT according to requirements of Subpart A--General Provisions and cannot be overridden by reporters.

To support rollups user are required to use the following conventions for the reporting of numeric values:

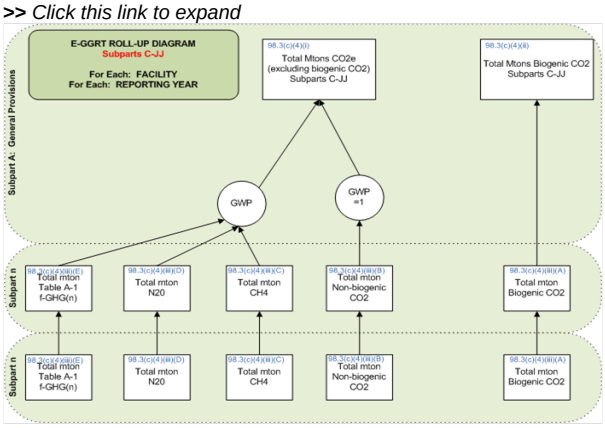
Number Format	Description
Rounding	• CO2e, CO2, N2O, and CH4 emission data expressed in metric tons will be rounded as follows :a) CO2 and CO2e: metric ton and short ton values entered by the user are rounded to 1 place to the right of the decimal b) CH4: metric ton values entered by the user are rounded to 2 places to the right of the decima, c) N2O: metric ton values entered by the user are rounded to 3 places to the right of the decimal, and d) All other GHGs: metric ton values entered by the user are rounded to 4 places to the right of the decimal • This will be done regardless of the level of data collection (e.g., unit-level, facility-level, etc.) This rounding would be applied to a value in each of the following cases: a) An emissions value that has been entered directly by the user because e-GGRT does not provide automated calculation support for the method described in the rule (e.g., Tier 4 emissions) and b) An emissions value that is automatically calculated by the system and an 'override' value has not been entered and C) an emissions value is an 'override' value. • Emissions data for all GHGs other than CO2, N2O, and CH4 expressed in metric tons will be rounded to the fourth digit to the right of the decimal (one tenth of a kilogram, or 1 ten thousandth of a metric ton). This rounding would be applied as described above (see cases 2(a), 2 (b), and 2(c) and applied regardless of the level of data collection (unit, facility, etc.)), Reporting of GHGs other than CO2, N2O, and CH4 is limited to Subparts F, O, and OO. • Other quantitative data calculated by the system (e.g., annual average HHV values, facility-specific emission factors) will be rounded as specified in the requirements document, if at all. In some cases, e-GGRT may round a value only for the purposes of displaying it as a read-only value. • Other (non-emissions) quantitative data entered by the user that is not the result of a system calculation (e.g., amonthly HHV sample result, an annual production quantity, etc.) would not be rounded. In some cases, e-GGRTmay round a value only for the purposes of displaying it as a read-only value. • All rounding (JAVA, JavaScript, Oracle) would apply the standard, identical rounding conventions whereby 0.5 is rounded up (23.5 is rounded to 24; 23.499999 is rounded to 23). • The database schema would store both the rounded and unrounded results. Only rounded results would beincluded in annual GHG reports. • The XML schema will only include rounded results. • In the case of aggregation/roll-ups, those calculations will be performed on the rounded values.
Percentages	If a value is reported as a percentage, then the number should be within the range of 0 to 100 (percent). For example, 85.5% is reported as 85.5.
Fractions	If a value must be reported as a decimal fraction, then the number should be within the range of 0 and 1 (e.g., 1/4 should be reported as 0.25). Leading zeroes are optional.

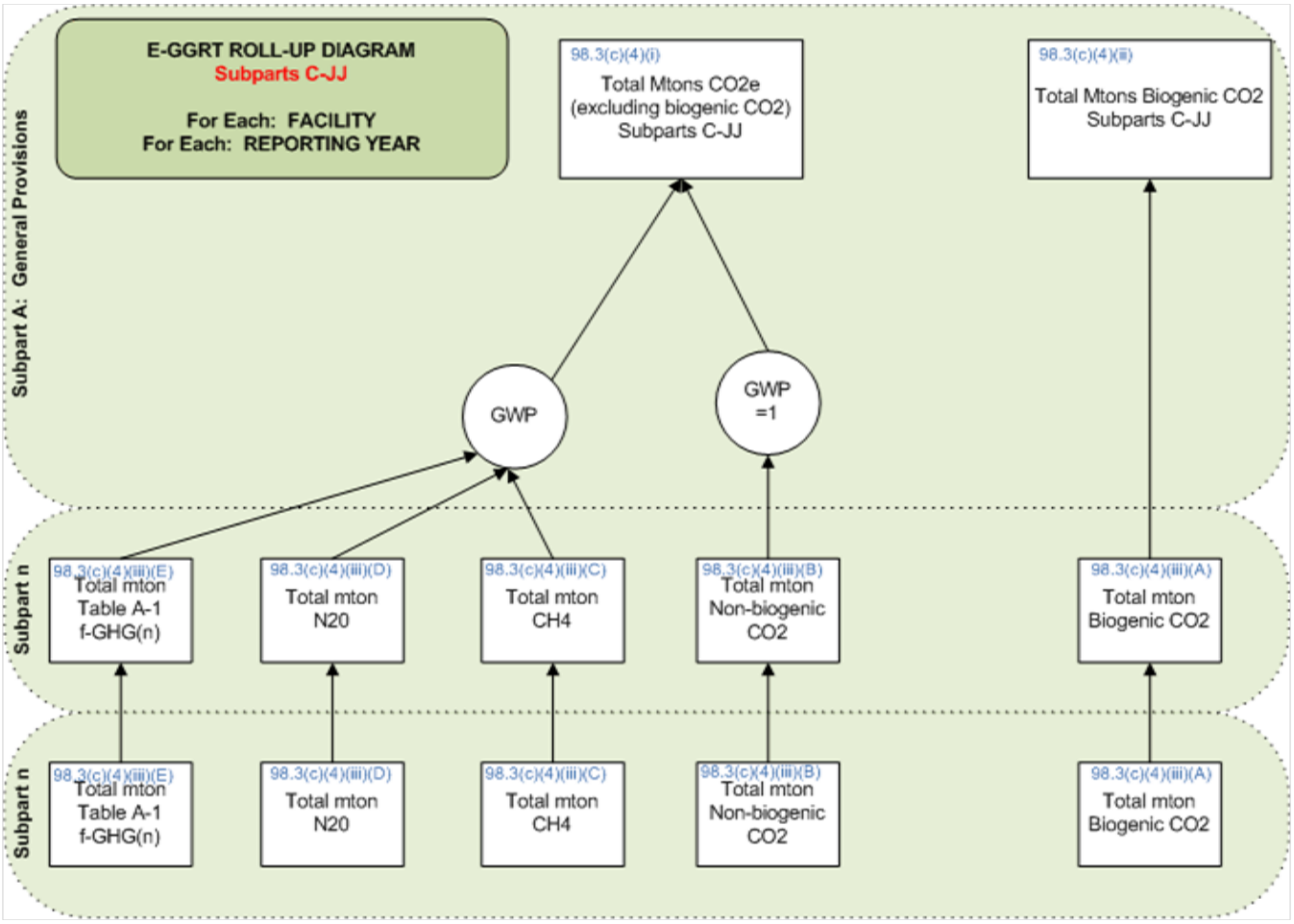
For source categories (also referred to as "facility subparts" - subparts C-II, SS, and TT), section 98.3(c)(4) requires the following rollup calculations:

- Annual emissions (excluding biogenic CO_2) aggregated for all GHGs from all applicable source categories, expressed in metric tons of CO_2e calculated using Equation A–1.
- Annual emissions of biogenic CO_2 aggregated for all applicable source categories, expressed in metric tons.
- Annual emissions from each applicable source category, expressed in metric tons of each applicable GHG listed below:
  - Biogenic CO_2
  - CO_2 (excluding biogenic CO_2)
  - CH_4
  - N_2O
  - Each fluorinated GHG (including those not listed in Table A–1)

These e-GGRT rollup requirements for source categories displayed in the diagram below:

>> *Click this link to expand*



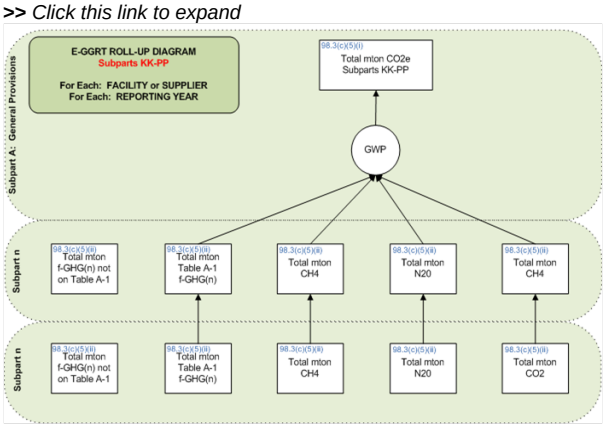


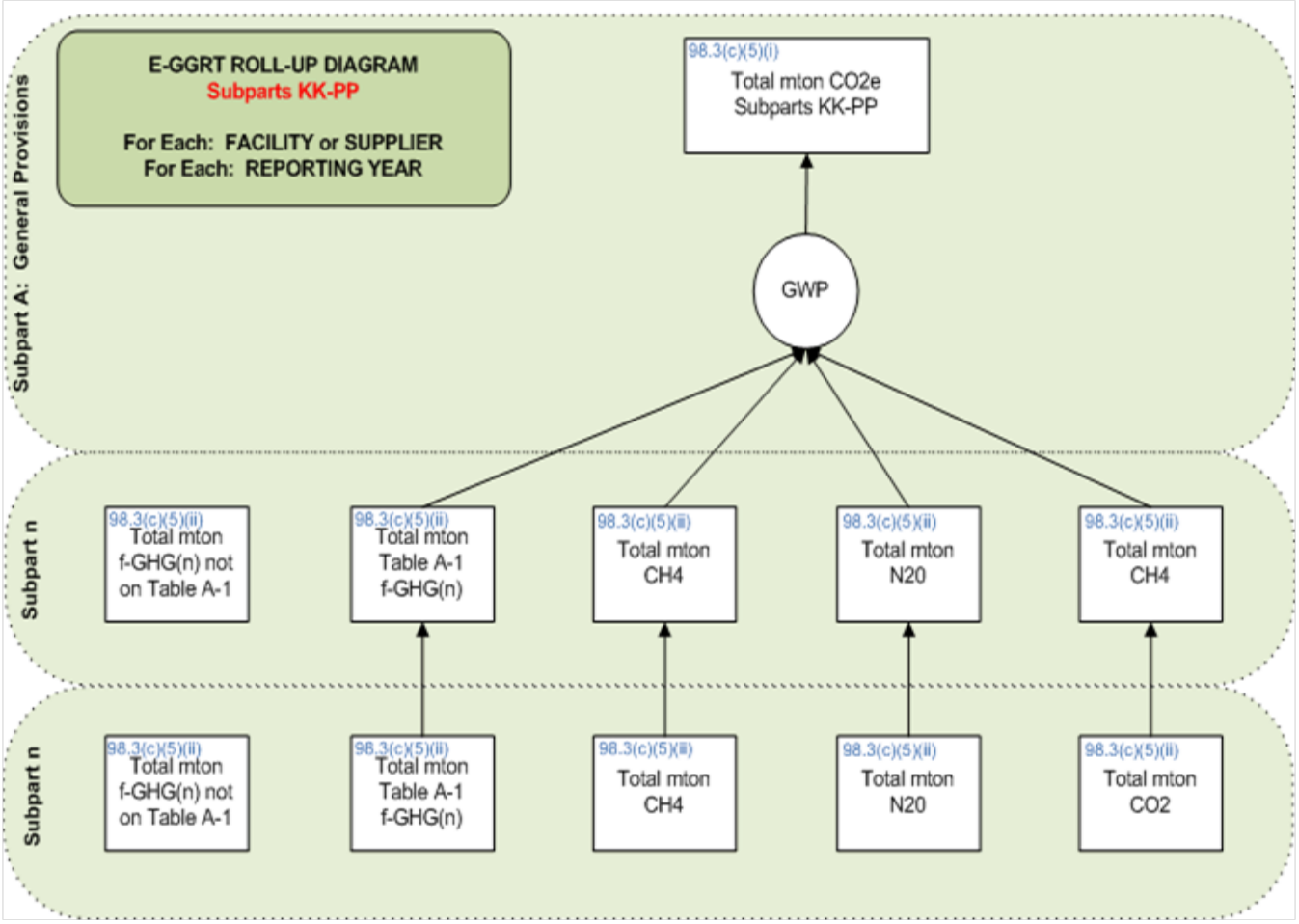
For supplier categories (also referred to as "supplier subparts" - subparts LL-QQ), section 98.3(c)(5) requires the following rollup calculations:

- Total quantity of emissions aggregated for all GHG (excluding biogenic CO_2 and fluorinated GHGs that are not found in Table A-1) from all applicable supply categories in Table A–5, expressed in metric tons of CO_2e and calculated using Equation A–1.
- Quantity of CO_2, CH_4, N_2O, and each fluorinated GHG (as defined in §98.6), including those not listed in Table A–1 from each applicable supply category in Table A–5, expressed in metric tons of each GHG. For fluorinated GHG, report emissions of all fluorinated GHG, including those not listed in Table A–1 of this subpart. For fluorinated GHGs, calculate and report **CO_2e** for only those fluorinated GHGs listed in Table A–1.

These e-GGRT rollup requirements for supplier categories displayed in the diagram below:

>> *Click this link to expand*





To view the emissions rollup for your facility or supplier, click the VIEW GHG DETAILS button in the blue panel at the upper right of the Facility or Supplier Overview page.

>> *Click this link to expand*

e-GGRT Help
- How to add a subpart and report data
- General reporting information
- How to submit an annual report
- How to add

M. Foley Corporation (GHGRP ID: 534956)

e-GGRT Greenhouse Gas Data Reporting (2017)

Select Facility » Facility or Supplier Overview

FACILITY OR SUPPLIER OVERVIEW

This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons.

After data reporting is complete, you can initiate the annual report review and submission process from this page by using the SUBMIT button (or RESUBMIT for subsequent submissions if needed).

0.5
CO_2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons)

500,000.0
Biogenic CO_2 emissions from facility subparts C-II, SS, and TT (metric tons)

0.0
CO_2 equivalent emissions from supplier subparts LL-QQ (metric tons)

VIEW GHG DETAILS

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms (Change)

The Annual Report has already been prepared. Any changes you make to report data will not be reflected in that version. After making changes to report data you must click the GO below to perform a final verification review for those changes to be included in an updated version of the Annual Report.

1) GHG DATA REPORTING

Select appropriate subparts and complete data entry. Data Entry Validation Messages will ensure you have provided all required data and avoided common data entry mistakes.

2017 Reporting Source or Supplier Category	Validation Messages?	Subpart Reporting
Subpart A—General Information	View Messages	OPEN
Subpart C—General Stationary Fuel Combustion Sources	None	OPEN

ADD or REMOVE Subparts

2) FINAL REVIEW and REPORT SUBMISSIONS

If all subparts are completed and Data Entry Validation Messages addressed to your satisfaction, you are ready to perform a final verification review and submit an Annual Report.

Version	Status	Final Review Messages	Final Review Date	
2	Final Review not performed			GO

2017 ANNUAL REPORT SUBMISSION HISTORY[1]

Version	Certification Date	Report Version Reports
1	11/15/2017 11:09 AM	HTML | XML | Receipt | ZIP | Comprehensive Verification Summary

[1]EPA will only recognize the latest version of the report that was submitted and certified.

VIEW REPORTS: Annual Report reviewable formats (including public non-CBI versions and trend reports) for all submissions this reporting year can be accessed on the View Reports page.

If you have any questions, please contact the hotline at GHGReporting@epa.gov.

AN ANNUAL REPORT IS EXPECTED FOR REPORTING YEAR 2017

EPA expects that this facility or supplier will submit an annual report for Reporting Year 2017.

An annual report for Reporting Year 2017 has already been submitted. If this facility or supplier should not have submitted an annual report for Reporting Year 2017, please contact the GHGRP Help Desk to request the report be withdrawn. Please be prepared with the facility or supplier's GHGRP ID and the Reporting Year to be withdrawn.

NOTIFICATION TO DISCONTINUE REPORTING FOR REPORTING YEAR 2018

If this facility or supplier will not submit an annual report for Reporting Year 2018 you are required to notify EPA as such by March 31, 2018, indicating the reason. Please provide a reason using the link below:

Notify EPA that this facility or supplier will not submit a Reporting Year 2018 annual report.

BACK

Underneath each results column, you may also click on the "Edit result(s)" link to add your own subpart-level emissions results.

>> Click this link to expand

EPA United States Environmental Protection Agency

e-GGRT Electronic Greenhouse Gas Reporting Tool

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e-GGRT Help

Angkor (GHGRP ID: 534956)

e-GGRT Greenhouse Gas Data Reporting (2019)

Select Facility » Facility or Supplier Overview » GHG Quantity Details

FACILITY GHG QUANTITY DETAIL

Below are the current roll-up GHG values for this facility.

0.0 — 2019 CO_2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons)

0.0 — 2019 biogenic CO_2 emissions from facility subparts C-II, SS, and TT (metric tons)

0.0 — 2019 CO_2 equivalent emissions from supplier subparts LL-QQ (metric tons)

2019 CO_2 EQUIVALENT EMISSIONS FROM FACILITY SUBPARTS C-II, SS, AND TT

Subpart	Greenhouse Gas	Result[1] (metric tons)	GWP	CO_2 Equivalent (metric tons)
Subpart C	CO_2 (excluding biogenic)	0.0	1	0.0
Subpart C	CH_4	0.00	25	0.0
Subpart C	N_2O	0.000	298	0.0
Subpart K	CO_2 (excluding biogenic)	0.0	1	0.0
Subpart K	CH_4	0.00	25	0.0
Subpart K	N_2O	0.000	298	0.0
				TOTAL: 0.0

Edit result(s)

2019 BIOGENIC CO_2 EMISSIONS FROM FACILITY SUBPARTS C-II, SS, AND TT

Subpart	Greenhouse Gas	Result[1] (metric tons)
Subpart C	CO_2 (biogenic)	0.0
Subpart K	CO_2 (biogenic)	0.0
		TOTAL: 0.0

Edit result(s)

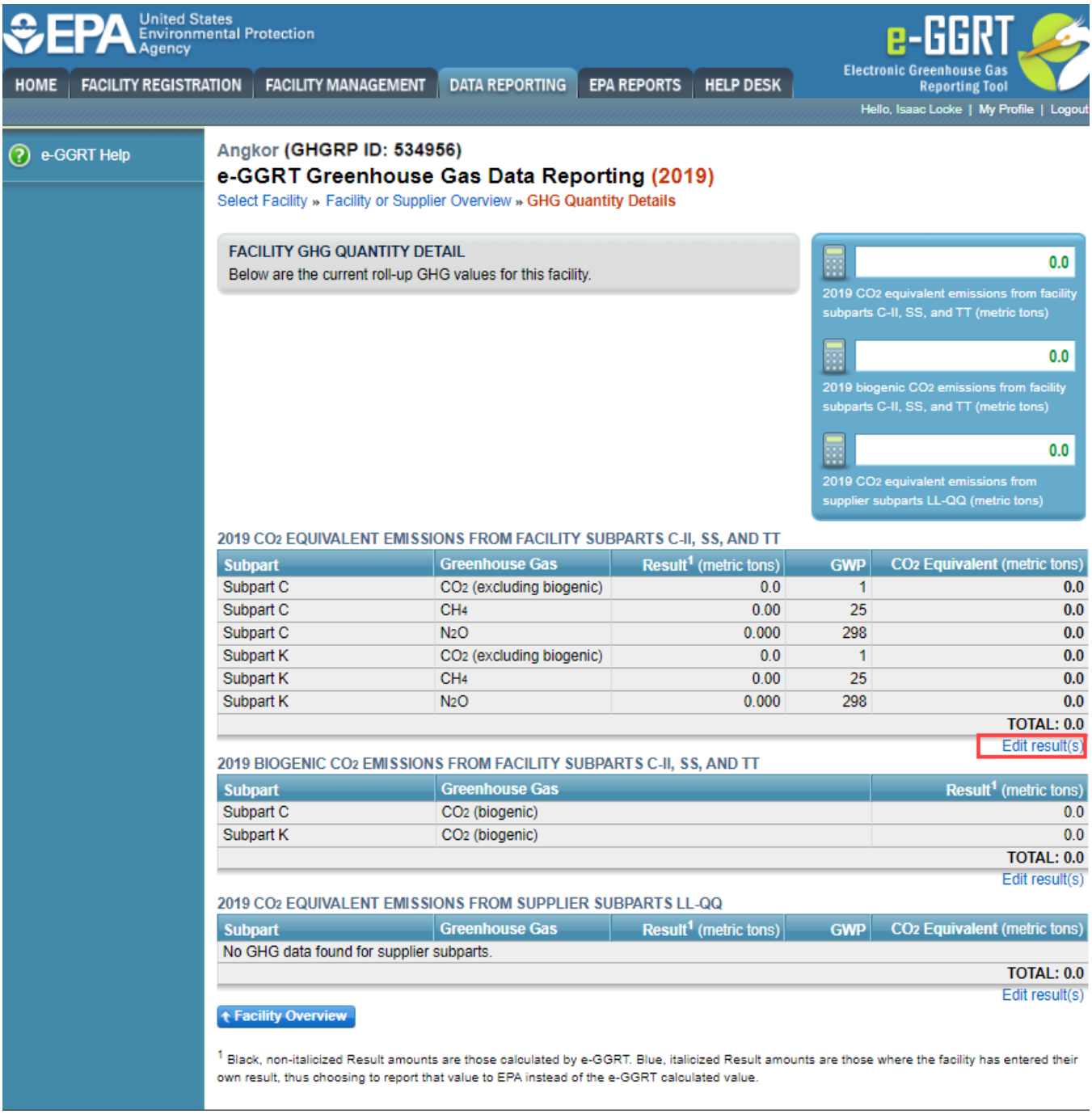
2019 CO_2 EQUIVALENT EMISSIONS FROM SUPPLIER SUBPARTS LL-QQ

Subpart	Greenhouse Gas	Result[1] (metric tons)	GWP	CO_2 Equivalent (metric tons)
No GHG data found for supplier subparts.				
				TOTAL: 0.0

Edit result(s)

Facility Overview

[1] Black, non-italicized Result amounts are those calculated by e-GGRT. Blue, italicized Result amounts are those where the facility has entered their own result, thus choosing to report that value to EPA instead of the e-GGRT calculated value.



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Angkor (GHGRP ID: 534956)

e-GGRT Greenhouse Gas Data Reporting (2019)

Select Facility » Facility or Supplier Overview » GHG Quantity Details

FACILITY GHG QUANTITY DETAIL

Below are the current roll-up GHG values for this facility.

0.0 — 2019 CO_2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons)

0.0 — 2019 biogenic CO_2 emissions from facility subparts C-II, SS, and TT (metric tons)

0.0 — 2019 CO_2 equivalent emissions from supplier subparts LL-QQ (metric tons)

2019 CO_2 EQUIVALENT EMISSIONS FROM FACILITY SUBPARTS C-II, SS, AND TT

Subpart	Greenhouse Gas	Result[1] (metric tons)	GWP	CO_2 Equivalent (metric tons)
Subpart C	CO_2 (excluding biogenic)	0.0	1	0.0
Subpart C	CH_4	0.00	25	0.0
Subpart C	N_2O	0.000	298	0.0
Subpart K	CO_2 (excluding biogenic)	0.0	1	0.0
Subpart K	CH_4	0.00	25	0.0
Subpart K	N_2O	0.000	298	0.0
				TOTAL: 0.0

Edit result(s)

2019 BIOGENIC CO_2 EMISSIONS FROM FACILITY SUBPARTS C-II, SS, AND TT

Subpart	Greenhouse Gas	Result[1] (metric tons)
Subpart C	CO_2 (biogenic)	0.0
Subpart K	CO_2 (biogenic)	0.0
		TOTAL: 0.0

Edit result(s)

2019 CO_2 EQUIVALENT EMISSIONS FROM SUPPLIER SUBPARTS LL-QQ

Subpart	Greenhouse Gas	Result[1] (metric tons)	GWP	CO_2 Equivalent (metric tons)
No GHG data found for supplier subparts.				
				TOTAL: 0.0

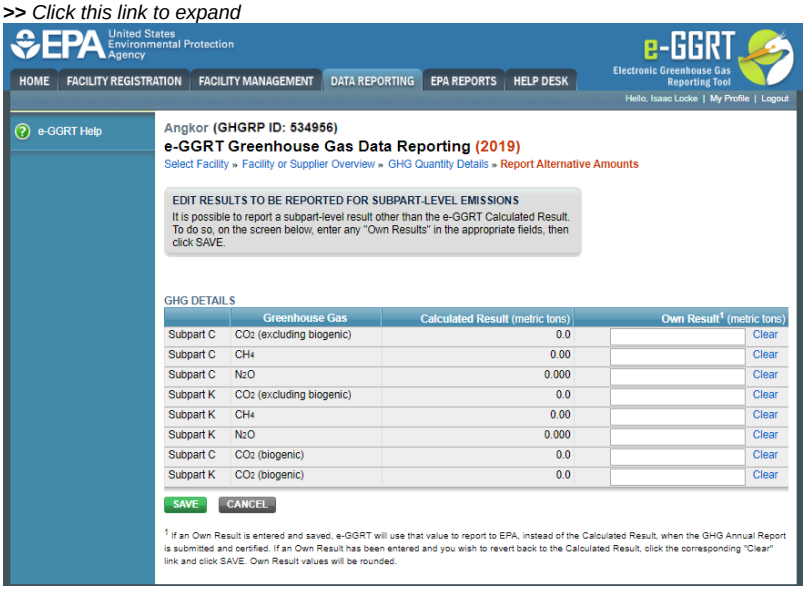
Edit result(s)

Facility Overview

[1] Black, non-italicized Result amounts are those calculated by e-GGRT. Blue, italicized Result amounts are those where the facility has entered their own result, thus choosing to report that value to EPA instead of the e-GGRT calculated value.

After entering your results, click SAVE. You will be returned to the "GHG Quantity Details" page. Your entered results will show up as blue in the table while those calculated by e-GGRT will be black.

>> Click this link to expand



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Angkor (GHGRP ID: 534956)
e-GGRT Greenhouse Gas Data Reporting (2019)
Select Facility » Facility or Supplier Overview » GHG Quantity Details » Report Alternative Amounts
EDIT RESULTS TO BE REPORTED FOR SUBPART-LEVEL EMISSIONS
It is possible to report a subpart-level result other than the e-GGRT Calculated Result. To do so, on the screen below, enter any "Own Results" in the appropriate fields, then click SAVE.
GHG DETAILS

	Greenhouse Gas	Calculated Result (metric tons)	Own Result[1] (metric tons)	
Subpart C	CO_2 (excluding biogenic)	0.0		Clear
Subpart C	CH_4	0.00		Clear
Subpart C	N_2O	0.000		Clear
Subpart K	CO_2 (excluding biogenic)	0.0		Clear
Subpart K	CH_4	0.00		Clear
Subpart K	N_2O	0.000		Clear
Subpart C	CO_2 (biogenic)	0.0		Clear
Subpart K	CO_2 (biogenic)	0.0		Clear

SAVE CANCEL

[1] If an Own Result is entered and saved, e-GGRT will use that value to report to EPA, instead of the Calculated Result, when the GHG Annual Report is submitted and certified. If an Own Result has been entered and you wish to revert back to the Calculated Result, click the corresponding "Clear" link and click SAVE. Own Result values will be rounded.

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