

Instructions for Applicants

User Input

Calculated or from other tab

Instructions are in yellow boxes

This worksheet is used to capture information on Industrial Greenhouse Gas Reduction project proposals. It first fill out the relevant user input (green) cells in the *Project Overview* tab. Data will be extracted from this

Section	Applicant Information	Input
Project Overview	Applicant Case Number	
	Company Name	
	City (HQ)	
	State (HQ)	
	Zip Code (HQ)	
	City (Facility)	
	State (Facility)	
	Zip Code (Facility)	
	Qualified Investment (\$)	
	Expected Credit Rate	30%
	Tax Credit (\$)	0
	Sector/Industry	<i>Iron and Steel</i>
	<i>If other Sector</i>	
	Facility Output Product	
	Current production	
	Future production	
	Decarbonization Approach	
	<i>If other (or multiple) Decarbonization Approach</i>	
	Technology Readiness Level of decarbonization approach	
	EPA GHGRP ID (if applicable)	
	Which emissions reduction eligibility requirement do you meet?	
	Current Facility Greenhouse Gas Emissions Scope 1	

	Future Facility Greenhouse Gas Emissions Scope 1	
	Current Facility Greenhouse Gas Emissions Scope 2	
	Future Facility Greenhouse Gas Emissions Scope 2	
	<i>(Optional) Current sub-unit emissions</i>	
	<i>(Optional) Furture sub-unit emissions</i>	
Project/Business Plan	Date Complete Permitting	
	Date Begin Construction	
	Date Begin Operation	
	Is this project being considered or planning to apply to local, state, or other federal agency programs?	
	<i>If Yes, briefly explain funding:</i>	
Jobs	Direct Construction Jobs	
	Meet Wage and Apprenticeship Requirements?	
	Direct Operating Jobs	

es next to the corresponding inputs

input data and assumptions should be substantiated in and show clear correspondence to applica
s workbook to compare submissions. **Therefore, no cells, rows, or columns should be added.**

Units	Notes
	The case number used to track the application in the DOE 48C app
	Dollar amount of the qualified investment that "re-equips" the faci
	Applicants should select a 30% tax credit if they anticipate meeting requirements under 48C(e)(5) and (6). Applicants who do not antic should select 6% from the dropdown.
	Calculated by multiplying Qualified Investment by Expected Credit
	Select the sector or industry that most closely matches the facility.
	If selected Other above, type a freeform answer.
	Brief description of the facility output product in 5 words or less (e
tons/year	Current annual production in the facility covered by the greenhou
tons/year	Future annual production in the facility covered by the greenhou
	Select the process change that most closely describes the greenho
	If selected Other above, type a freeform answer. If secondary or m freeform answer to describe
	Submit the Technology Readiness Level (1-9) of the technology, eq reduction project.
	Applicants subject to EPA GHGRP reporting should provide their GI
	Applicants should select whether they achieve at least a 20% redu Scope 2, or a facility sub-unit. Regardless of eligibility, applicants m and Scope 2 emissions before and after the retrofit below; combin be used to evaluate the hositic impact of the project.
metric tons CO2e/year	Provide annual Scope 1 CO2-equivalent emissions at the full facility papers, applicants are not required to submit a full emissions accoi will be asked to justify their emissions estimates in the full applicat V of Appendix B for more information.
	Applicants subject to EPA GHGRP reporting should provide their GI

<i>metric tons CO2e/year</i>	Using the same methodology, estimate the annual Scope 1 CO2-e from the greenhouse gas reduction project is completed. For concept phase submit a full emissions accounting, but should be aware that they will submit estimates in the full application using EPA methodology. See Section 3 for information.
<i>metric tons CO2e/year</i>	Provide annual Scope 2 emissions from the full facility's energy- and site emissions of fuels) in the most recent year.
<i>metric tons CO2e/year</i>	Estimate annual Scope 2 emissions from the full facility's energy- and off-site emissions of fuels) after the greenhouse gas reduction project is completed.
<i>metric tons CO2e/year</i>	<i>(Optional) If claiming eligibility on the basis of 20% GHG reductions, estimate annual GHG emissions from the sub-unit. Applicants must still submit baseline emissions above, which will be used to evaluate the holistic impact of the project.</i>
<i>metric tons CO2e/year</i>	<i>(Optional) If claiming eligibility on the basis of 20% GHG reductions, estimate annual GHG emissions from the sub-unit. Applicants must still submit baseline emissions above, which will be used to evaluate the holistic impact of the project.</i>
<i>mm/dd/yyyy</i>	Estimate the date at which the project will complete permitting.
<i>mm/dd/yyyy</i>	Estimate the date at which the project will begin construction.
<i>mm/dd/yyyy</i>	Estimate the date at which the project will begin operation. Applicants should include the date of placing the project in service.
Y/N	Examples include other federal tax credits, grants from the Department of Energy, and state or local economic development incentives.
FTE equivalent	Quantify the number of direct jobs that will be created during construction of those jobs represented by the number of people whose work is directly related to the project.
Y/N	Do the construction jobs meet wage and apprenticeship requirements? Refer to the guidance for more information.
FTE equivalent	Quantify the number of direct jobs that will be sustained for the operation of retrofits/re-equipped facilities, only include the number of additional jobs created.

ant's project narrative. Applicant should

lication portal.
ility, as defined in 48C(b).
g the wage and apprenticeship ipate meeting those requirements
Rate.
.g., "rebar").
se gas reduction project.
e gas reduction project. If the project
use gas reduction technique
ultiple equipment types are used, use
quipment, or process used in the GHG
HGRP ID.
ction in GHG emissions for Scope 1, must fill out at least facility-wide Scope 1 ed Scope 1 and Scope 2 emissions will
y in the most recent year. For concept unting, but should be aware that they ion using EPA methodology. See Section
HGRP ID above.

equivalent emissions at the facility after apers, applicants are not required to will be asked to justify their emissions on V of Appendix B for more
nd fuel-related purchases (electricity, off-
nd fuel-related purchases (electricity, ect is completed.
<i>s in a particular sub-unit, provide current nit full facility Scope 1 and Scope 2 of the project.</i>
<i>s in a particular sub-unit, provide future nit full facility Scope 1 and Scope 2 of the project.</i>
cant should note 48C's requirements for
ment of Energy or other federal
struction of the facility. Direct jobs are ectly billed to the project.
ents, as specified in 48C(e) and treasury
operation of the facility. For al operating jobs created by the project.