

## 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) Future 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 <b>in the facility covered by the greenhou</b>
tons/year	Future annual production <b>in the facility covered by the greenhou</b>
	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% reduc 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 accou 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 packages, submit a full emissions accounting, but should be aware that they are estimates in the full application using EPA methodology. See Section 3.1 for more information.
<i>metric tons CO2e/year</i>	Provide annual Scope 2 emissions from the full facility's energy- and off-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 annual GHG 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 annual GHG 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 when the project will be placed 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 the project. 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 the project. For retrofits/reequipped 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  
upgrades, applicants are not required to  
justify their emissions  
Section V of Appendix B for more

and fuel-related purchases (electricity, off-

and fuel-related purchases (electricity,  
project is completed.

*in a particular sub-unit, provide current  
entire facility Scope 1 and Scope 2  
of the project.*

*in a particular sub-unit, provide future  
entire facility Scope 1 and Scope 2  
of the project.*

Applicant should note 48C's requirements for

Department of Energy or other federal

construction of the facility. Direct jobs are  
directly billed to the project.

contracts, as specified in 48C(e) and treasury

operation of the facility. For  
total operating jobs created by the project.