Supplemental Application Template

Burden Statement for EPA Form 5900-679

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Instructions

This supplemental application template may be submitted at the time of award application to summarize the overview of the proposed project. Please work with relevant parties (i.e., transportation contractor, port authority, etc.) to ensure information submitted is accurate if available. To complete this template, applicants may fill out shaded cells highlighted **blue** with a diagonal pattern (///). Cells highlighted **yellow** are simply for informative purposes and/or automated from other tabs in this spreadsheet. Additional fields may autopopulate with bold diagonal patterns (///), indicating that a response to those fields is not necessary, based on prior responses entered. Please complete tabs in this workbook according to the instructions below.

Applicants applying to the Climate and Air Quality Planning Competition are invited to complete Tab 2. Applicants applying to the Zero-Emission Technology Deployment Competition are invited to complete Tabs 3, 4a., 4b. (if scrapping vehicles or equipment), and Tab 5.

Excel Workbook Tab	Definition
1. Instructions	Basic instructions for all worksheets in this reporting workbook.
2. CAQP Supplemental Application	For applicants of the Clean Ports Program Climate and Air Quality Planning (CAQP) Competition, this is the **only** tab that should be completed. This tab provides an overview of the Participant Details, list of Project Partners, Project Location Information, and Proposed Climate and Air Quality Planning Project Activities. Please refer to the definitions on Tab 6 (Data Dictionary) for additional guidance on each field in this tab.
3. Cover Sheet for Application_ZE	For applicants of the Clean Ports Program Zero-Emission Technology Deployment Competition, this tab serves as a cover sheet, with space to provide an overview of the Participant Details, list of Project Partners, Project Location Information, and other key project details. Several fields and Table 4 of this tab will auto-populate based on responses entered into subsequent tabs. Please refer to the Cover Sheet for Application_ZE data definitions on Tab 6 (Data Dictionary) for additional guidance on each field.
4a. New Fleet Description	For applicants of the Clean Ports Program Zero-Emission Technology Deployment Competition, the New Fleet Description tab captures all new vehicles and mobile source equipment proposed under the project. Please only fill out shaded cells highlighted blue with a diagonal pattern (///). The sheet has capacity for 100 vehicles. Please refer to the New Fleet Description data definitions on Tab 6 (Data Dictionary) for additional guidance on each field.
4b. Scrappage Information	For applicants of the Clean Ports Program Zero-Emission Technology Deployment Competition, the Scrappage Information provides space for applicants whose proposed project includes plans to scrap vehicles and/or equipment. This data sheet is linked to the 'New Fleet Description' data table (Tab 4a.) to autopopulate the corresponding 'new' vehicle or equipment that is to be replaced. The sheet has capacity for 100 vehicles. Please refer to the Scrappage Information data definitions on Tab 6 (Data Dictionary) for additional guidance on each field.

5. Infrastructure	For applicants of the Clean Ports Program Zero-Emission Technology Deployment Competition, the Infrastructure Description should detail all electric vehicle supply equipment (EVSE), shore power, and other eligible zero emission supporting infrastructure proposed in the project. Please only fill out shaded cells highlighted blue with a diagonal pattern (///). Each table on this sheet has capacity for 50 units of infrastructure, however many of these additional rows have been hidden; to access these additional rows, right-click the left hand column and select 'Unhide'. Additional rows may also be added as needed to capture all supporting infrastructure. Please refer to the Infrastructure data definitions on Tab 6 (Data Dictionary) for data field definitions. Key Reminders: ►All Level 2 EVSEs and DC Fast Chargers must be ENERGY STAR certified. ►All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.
6. Data Dictionary	Please refer to the dictionary on this tab for support in completing the following tabs: CAQP Supplemental App. (Tab 2), Cover Sheet for Application_ZE (Tab 3), New Fleet Description (Tab 4a), Scrappage Information (Tab 4b), and Infrastructure (Tab 5).

OMB Control Number: 2060-0754
Expiration Date: 04/30/2027

U. S. Environmental Protection Agency
Clean Ports Program | Climate and Air Quality Planning Competition
Supplemental Application

Instructions

For applicants of the Climate and Air Quality Planning Competition: Complete this supplemental project application by entering in the requested information in the blue shaded cells for Tables 1, 2, 3 the complete list of Project Partners, Project Location Information, and Climate and Air Quality Planning Project Details. Please refer to the definitions on Tab 6 (Data Dictionary) for additional guida

Table 1: Applicant & Project Details

Applicant Name/Organization			**Proposed Project Title**	
Applicant Address	*Street*		**Project Period** *For Climate & Air Quality Planning projects, project periods may be up to three years.*	
	City			
	State *(Select from dropdown)*		**Short Project Description** *Briefly describe your project in one to three sentences only, especially noting the expected outputs and outcomes.*	
	Zip Code			
Primary Contact Information	*Name*		**Project includes planning activities related to emissions inventory and accounting exercises?**	
	Title/Role			
	Phone		**Total EPA Funding Requested**	
	Email		**Other Federal Funding Sources**	
Applicant Type *(See NOFO Section III.A for details)*	*Select from Dropdown*			

Affiliate Port Authority *(if applicable)*		
SAM.gov Unique Entity ID (UEI)		
Small Water Port Project? *(See NOFO Section II.B for specifications)*	*Select Yes or No from Dropdown*	
Dry Port Project? *(See NOFO Section I.B. for specifications)*	*Select Yes or No from Dropdown*	
Does the applicant use LOGINK or any other prohibited logistics platform as described in NOFO Section III.D.?	*Select Yes or No from Dropdown*	

Table 2: Project Partners

Project Partner Organization Name	**Primary Contact Information for Project Partner(s)**			
	Name	*Title/Role*	*Email*	*Phone*
Example Partner Organization	*Ali Raymond*	*Director of Advancement*		

Table 3: Project Location(s)

Table 3a: Port/Port Facility Location(s)

Port/Port Facility Name *If a port or port facility spans more than 1 county, please enter a new line for each unique county.*	**Project Site ID**	**Port Authority Name** *(if applicable)*	**State** *(Select from dropdown)*	**County** *(Select from dropdown)*
Port of Miami	*Example Project ID*		*FL*	*Miami-Dade County*
	Primary Place of Performance			*please provide state first*
	2			*please provide state first*
	3			*please provide state first*
	4			*please provide state first*
	5			*please provide state first*
	6			*please provide state first*

	7			*please provide state first*
	8			*please provide state first*
	9			*please provide state first*
	10			*please provide state first*

Table 3b: Additional Project Locations
Use this table to identify additional project locations found outside of the ports and port facilities listed in Table 3a above.

Site Name *If an Additional Site spans more than 1 county, please enter a new line for each unique county.*	**Project Site ID**	**Port(s)/Port Facilities Served by Location** *(separate additional ports by semicolon)*	**State** *(Select from dropdown)*	**County** *(Select from dropdown)*
Hialeah Fueling Depot	*Example Additional Site A*	*Port of Miami; Port Everglades*	*FL*	*Miami-Dade County*
	Additional Site 1			*please provide state first*
	Additional Site 2			*please provide state first*
	Additional Site 3			*please provide state first*
	Additional Site 4			*please provide state first*
	Additional Site 5			*please provide state first*
	Additional Site 6			*please provide state first*
	Additional Site 7			*please provide state first*
	Additional Site 8			*please provide state first*
	Additional Site 9			*please provide state first*
	Additional Site 10			*please provide state first*

Table 4: Climate and Air Quality Planning Project Overview

Planning Activity Type		**Project includes this activity** *Select from Dropdown*	**Requested EPA Funds for this Activity**	**Is it the intent that this Activity will be fully funded by EPA?** *(select from dropdown)*
Emissions Inventory and/or Accounting Practice				
Emissions Reduction Strategy Analysis				
Development of Emissions Reduction Target				
Plan for Reducing Future Port Emissions				
Port Resiliency Assessment				
Plan to Increase Resilience of Port				
Formal Stakeholder Engagement				
Workforce Planning Analysis				
Other Activities *If project features other Planning Activities not listed, please provide here; additional rows hidden if needed.*				

3a, 3b, and 4. This sheet details an overview of the Applicant and Project Details, nce on each field in this tab.

One descriptive sentence only	
Project Start Date	
Project End Date	
Select Yes or No from Dropdown	
Use the definitions provided in Section IV.C., Section 7 "Budget" to fill out this budget summary. The amount listed in this summary should match the amounts listed in the budget table in Section 7. As noted in Section II.B. of the NOFO, each application can request between $200,000 and $3,000,000.	
If the applicant has applied or plans to apply for funding for this project (or portions of this project) from another federal funding source, the applicant should list the potential funding source(s). Otherwise, enter N/A	

	Type of Organization		Nature of Partnership with Applicant	Role in Project	
	Select from Dropdown	*If Other, describe*	*Select from Dropdown*	*Select from Dropdown*	*If Other, describe*
	Other	*Non-governmental Organization*	*Collaborating Entity (non-statutory)*	*Other*	*Site Manager*

City	Description of Project Activity at Port/Port Facility *(if known)*	Estimate of the Share of Overall Project Activity at this site *(Enter a value between 0-1, where 1 is 100%)*	County FIPS Code	EPA Region
Miami	Mobile Source Emissions Inventory	100%	12086	*#NAME?*

City	Description of Project Activity at Site *(if known)*	Estimate of the Share of Project Activity at this site *(Enter a value between 0-1, where 1 is 100%)*	County FIPS Code	EPA Region
Miami	EV Infrastructure Planning	100%	12086	*#NAME?*

Does this county contains a PM2.5 or Ozone Nonattainment Area?	Does this county contains a Severe or Extreme Ozone Nonattainment Area?	Does this county contains a PM2.5 or Ozone Maintenance Area?	Does this county contain an area with High Ambient Diesel PM Concentration?
#NAME?	#NAME?	#NAME?	#NAME?

Does this county contains a PM2.5 or Ozone Nonattainment Area?	Does this county contains a Severe or Extreme Ozone Nonattainment Area?	Does this county contains a PM2.5 or Ozone Maintenance Area?	Does this county contain an area with High Ambient Diesel PM Concentration?
#NAME?	#NAME?	#NAME?	#NAME?

U. S. Environmental Protection Agency
Clean Ports Program | Zero-Emission Technology Deployment Competition
Supplemental Application Cover Sheet

Instructions

For applicants of the Clean Ports Program Zero-Emission Technology Deployment Competition: Please complete this cover sheet by entering in the requested information in the blue shaded cells for Details, the complete list of Project Partners, Project Location Information, and will autopopulate key project details based on information supplied in other tabs.

Table 1: Applicant & Project Details

Applicant Name/Organization		
Applicant Address	*Street*	
	City	
	State (Select from dropdown)	
	Zip Code	
Primary Contact Information	*Name*	
	Title/Role	
	Phone	
	Email	
Applicant Type	*Select from Dropdown*	
Affiliate Port Authority *(if applicable)*		

Proposed Project Title	
Project Period *For Zero Emissions Technology projects, project periods may be up to 4 years.*	
Short Project Description *Briefly describe your project in one to three sentences only, especially noting the expected outputs and outcomes.*	
Total EPA Funding Requested	
Total Applicant Costs	
Total Project Costs	
Other Federal Funding Sources	

SAM.gov Unique Entity ID (UEI)			**Total Funding for ZE Equipment** *This field will auto-populate upon completing 'Fleet Description' tab.*
Small Water Port Project? *(See NOFO Section II.B for specifications)*	*Select from Dropdown*		**Total Funding for Charging and/or Fueling Infrastructure** *This field will auto-populate upon completing 'Infrastructure' tab*
Dry Port Project? *(See NOFO section I.B. for specifications)*	*Select from Dropdown*		
Does the applicant use LOGINK or any other prohibited logistics platform as described in NOFO Section III.D.?	*Select from Dropdown*		

Table 2: Project Partners

Project Partner Organization Name	**Primary Contact Information for Project Partner(s)**			
	Name	*Title/Role*	*Email*	*Phone*
Example Partner Organization	*Ali Raymond*	*Director of Advancement*		

Table 3: Project Location(s)

Table 3a: Port/ Port Facility Location(s)

Port/ Port Facility Name **If a port or port facility spans more than 1 county, please enter a new line for each unique county.**	**Project Site ID**	**Port Authority Name** *(if applicable)*	**State** *(Select from dropdown)*	**County** *(Select from dropdown)*
Port of Miami	*1*		*FL*	*Miami-Dade County*
	Primary Place of Performance			*please provide state first*
	2			*please provide state first*
	3			*please provide state first*
	4			*please provide state first*
	5			*please provide state first*

	6			*please provide state first*
	7			*please provide state first*
	8			*please provide state first*
	9			*please provide state first*
	10			*please provide state first*

Table 3b: Additional Project Locations
Use this table to identify additional project locations found outside of the ports listed in Table 3a above.

Site Name *If an Additional Site spans more than 1 county, please enter a new line for each unique county.*	**Project Site ID**	**Port(s)/Port Facilities Served by Location** *(separate additional ports by semicolon)*	**State** *(Select from dropdown)*	**County** *(Select from dropdown)*
Hialeah Fueling Depot	*Example Site 1*	*Port of Miami; Port Everglades*	*FL*	*Miami-Dade County*
	Additional Site 1			*please provide state first*
	Additional Site 2			*please provide state first*
	Additional Site 3			*please provide state first*
	Additional Site 4			*please provide state first*
	Additional Site 5			*please provide state first*
	Additional Site 6			*please provide state first*
	Additional Site 7			*please provide state first*
	Additional Site 8			*please provide state first*
	Additional Site 9			*please provide state first*
	Additional Site 10			*please provide state first*

Table 4: Zero-Emission Technology Deployment Project Overview

Port Sectors Affected
These fields will auto-populate with ✔ upon completing 'Fleet Description' tab.

Onroad Vehicles	
Cargo Handling Equipment & Other Nonroad	
Locomotive	
Vessels	

Project Features Scrappage of Equivalent Equipment? This field will auto-populate with ✔ upon completing 'Scrappage Information' tab.

Fueling Infrastructure Affected
These fields will auto-populate with ✔ upon completing 'Infrastructure' tab.

Electric Vehicle Supply Equipment (EVSE)	
Shore Power Infrastructure	
Hydrogen Fueling Infrastructure	
Solar and Wind Power Generation	
Battery Energy Storage System	

Other Infrastructure

Tables 1, 2, 3a, and 3b. This sheet details an overview of the Applicant and Project

One descriptive sentence only	
Project Start Date	
Project End Date	
Use the definitions provided in Section IV.C., Section 7 "Budget" to fill out this budget summary. The amount listed in this summary should match the amounts listed in the budget table in Section 7. As noted in Section II.B. of the NOFO, each application can request between $200,000 and $3,000,000.	
Use the definition provided in Section IV.C., Section 8 "Budget" to fill out this field. The amount listed in this summary should match the amounts listed in the budget table in Section	
Sum of the EPA Funding Requested and Total Applicant Costs	$ -
If the applicant has applied or plans to apply for funding for this project (or portions of this project) from another federal funding source, the applicant should list the potential funding source(s). Otherwise, enter N/A	

$	-
$	-

Type of Organization		Nature of Partnership with Applicant	Role in Project
Select from Dropdown	*If Other, describe*	*Select from Dropdown*	*Select from Dropdown*
Other	*Non-governmental Organization*	*Collaborating Entity (non-statutory)*	*Other*

City	Description of Project Activity at Port/ Port Facility *(if known)*	Estimate of the Share of Project Activity at this site *(Enter a value between 0-1, where 1 is 100%)*	County FIPS Code
Miami	Mobile Source Emissions Inventory	100%	12086

City	Description of Project Activity at Site *(if known)*	Estimate of the Share of Project Activity at this site *(Enter a value between 0-1, where 1 is 100%)*	County FIPS Code
Miami	EV Infrastructure Planning	100%	12086

If Other, describe

Site Manager

EPA Region	County Contains PM2.5 or Ozone Nonattainment Area?	County Contains Severe or Extreme Ozone Nonattainment Area?	County Contains PM2.5 or Ozone Maintenance Area?	County Contains High Ambient Diesel PM Concentration?
#NAME?	*#NAME?*	*#NAME?*	*#NAME?*	*#NAME?*

EPA Region	County Contains PM2.5 or Ozone Nonattainment Area?	County Contains Severe or Extreme Ozone Nonattainment Area?	County Contains PM2.5 or Ozone Maintenance Area?	County Contains High Ambient Diesel PM Concentration?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?

The Fleet Description should detail all vehicles, vessels, and other mobile source equipment that will be purcl
is connected to the Scrappage Information table (Tab 4b). The sheet has capacity for 100 vehicles or equipm

Table 5. New Vehicle, Equipment, or Engine Information

Table 5a: Vehicle/Equipment Overview

Vehicle or Equipment	**Vehicle or Equipment Type** *(select from dropdown)*	**Vehicle or Equipment Subtype** *(select from dropdown; must select a 'Vehicle or Equipment Type' first)*	**Vocation** *(select from dropdown; onroad & vessels only)*
Example New Vehicle	*Onroad*	*Short Haul - Combination*	*Drayage*
Vehicle/ Equipment 1			
Vehicle/ Equipment 2			
Vehicle/ Equipment 3			
Vehicle/ Equipment 4			
Vehicle/ Equipment 5			
Vehicle/ Equipment 6			
Vehicle/ Equipment 7			
Vehicle/ Equipment 8			
Vehicle/ Equipment 9			
Vehicle/ Equipment 10			
Vehicle/ Equipment 11			
Vehicle/ Equipment 12			
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Vehicle/ Equipment 96			
Vehicle/ Equipment 97			
Vehicle/ Equipment 98			
Vehicle/ Equipment 99			
Vehicle/ Equipment 100			

U. S. Environmental Protection Agency
Clean Ports Program | Zero-Emission Technology Deployme
New Fleet Description

Instructions

hased as part of the project. Please only fill out shaded cells highlighted blue with a diagonal pattern (///); field in yellow will be autopopulated, ıent. Please refer to the Fleet Description data definitions on Tab 6 (Data Dictionary) for additional guidance on each field.

If 'Other' Subtype or Vocation selected, please describe *(Onroad, Cargo Handling Equipment, and Vessels only)*	**Technology Type** *(select from dropdown)*	**If 'Other' selected for Technology Type, please describe**	**Vehicle or Equipment Total Battery Capacity, (kWh)**
	New Vehicle - Battery Electric		*250*

nt Competition

and some fields will be hashed out if they are not applicable based on the information entered. Please list ALL por

Table 5b: Place(s) of Performance
Primary Place of Performance

Fuel Cell Capacity (kW)	**Fleet Owner**	**Vehicle or Equipment Operates in Multiple Performance Locations Within this project?** *(Yes/No)*	**Primary Port or Port Facility** *(select options from dropdown, based on Table 3a of this template)*
NA	*Sarah Smith*	*Yes*	*Port of Miami*

t and other locations where the project will take place in this worksheet. This Fleet Description

If Primary location of vehicle/equipment is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b *(select from dropdown, based on Table 3b of this template)*	**Project Site ID**	**State**	**County**	**Percentage of Time operated in County** *(enter value 0-1, where 1= 100%)*
Hialeah Fueling Depot	*Example Site*	*FL*	*Miami-Dade County*	*50%*

Secondary Place of Performance (if applicable)

City	Zip Code	Secondary Port or Port Facility *(select from dropdown, if applicable)*	If Secondary location of vehicle/equipment is not at a port or port facility, provide the Name of the Additional Project Location *(select from dropdown)*	Project Site ID
Miami	*33032*			

State	County	Percentage of Time operated in County *(enter value 0-1, where 1= 100%)*	City	Zip Code
		45%		

Table 5c: Details of New Vehicle, Vessel, and/or Equipment

Additional Location Details (if applicable)

Additional Counties where Vehicle Operates	**% of time operated in each Additional County**	**Vehicle Class** *(Onroad vehicles only)*	**Vehicle GVWR** *(Onroad Vehicle Only)*	**Vehicle or Equipment Manufacturer**
Broward County, FL; Monroe County, FL	*4% in Broward County; 1% in Monroe County*	*Class 7*	*12000*	*Manufacturer Name*

Table 5d. Engine Replaceme

Vehicle or Equipment Model	Vehicle or Equipment Model Year	Acquisition Cost per Vehicle or Equipment *($ of Cost per Unit)*	Total EPA Funds Requested Per Vehicle or Equipment for Acquisition *($ of Total Cost per Unit)*	New Engine Make
Model Name or #	*2023*	*$ 150,000.00*	*$ 112,000.00*	*ZE Engine Co.*

ent Details (only to be completed if 'Technology Type' selected is "New Engine")

New Engine Model	New Engine Model Year	New Engine Horsepower	Number of New Propulsion Engines *(Vessels Only)*	Number of New Auxiliary Engines *(Vessels Only)*	Total Estimated Acquisition Cost per New Engine *($ of Cost per Unit)*
ZE 1000	*2023*	*750*	*2*	*2*	*$ 375,000.00*

EPA Funds Requested for New Engine Acquisition *($ of Cost per Unit)*	**Total Estimated Cost for Labor related to Engine Replacement**	**EPA Funds Requested for Labor Cost related to Engine Replacement**	**Total Combined Costs for New Engine Acquisition and Labor of Engine Replacement**
$ 300,000.00	*$ 50,000.00*	*$ 25,000.00*	*$ 425,000.00*

Total EPA Funds Requested for New Engine Acquisition and Labor of Engine Replacement
$ 325,000.00

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Clean Ports Program | Z

The Scrappage Information table should detail all vehicles and pieces of equipment that will be scrapped or otherwise replaced under the project. Please
and fields in yellow will autopopulate with corresponding entries on previous page. The sheet has capacity for 100 vehicles or equipment. Please refer to

Table 6. Current Vehicle or Equipment Committed for Scrappage Information

Table 6a. Basic Vehicle Information and Place(s) of Performance | Note: Yellow fields for the Basic Fleet Information will A

Current Vehicle or Equipment	Corresponding New Vehicle, Equipment, or Engine *(select from dropdown)*	Vehicle or Equipment Type	Vehicle or Equipment Subtype	Vocation	If 'Other' Vocation selected, please describe
Example Old Vehicle	*Example New Vehicle*	*Onroad*	*Short Haul - Combination*	*Drayage*	*0*
Current Vehicle or Equipment 1		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 2		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 3		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 4		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 5		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 6		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 7		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 8		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 9		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 10		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 11		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 12		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 13		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 14		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 15		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 16		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 17		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 18		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 19		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 20		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 21		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 22		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 23		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 24		#NAME?	#NAME?	#NAME?	#NAME?

Current Vehicle or Equipment 25		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 26		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 27		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 28		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 29		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 30		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 31		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 32		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 33		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 34		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 35		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 36		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 37		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 38		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 39		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 40		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 41		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 42		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 43		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 44		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 45		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 46		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 47		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 48		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 49		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 50		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 51		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 52		#NAME?	#NAME?	#NAME?	#NAME?
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Current Vehicle or Equipment 55		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 56		#NAME?	#NAME?	#NAME?	#NAME?
Current Vehicle or Equipment 57		#NAME?	#NAME?	#NAME?	#NAME?
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Current Vehicle or Equipment 62		#NAME?	#NAME?	#NAME?	#NAME?
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Current Vehicle or Equipment 76		#NAME?	#NAME?	#NAME?	#NAME?
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Current Vehicle or Equipment 100		#NAME?	#NAME?	#NAME?	#NAME?

nvironmental Protection Agency
ero-Emission Technology Deployment Competition
Scrappage Information

Instructions
only fill out shaded cells highlighted blue with a diagonal pattern (///). This Scrappage and/or Disposal Information table is conn
the Data Dictionary (Tab 6) for additional guidance on each field.

utomatically Populate upon selecting the corresponding new equipment.

Technology Type	If 'Other' selected for Technology Type, please describe	Vehicle or Equipment Total Battery Capacity, (kWh)	Fuel Cell Capacity (kW)	Fleet Owner
New Vehicle - Battery Electric	*0*	*250*	*NA*	*Sarah Smith*
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ected to the New Fleet Description table (Tab 4a),

Primary Place of Performance

Vehicle or Equipment Operates in Multiple Performance Locations Within this project? *(Yes/No)*	**Primary Port or Port Facility**	**If Primary location of vehicle/equipment is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b**	**Project Site ID**	**State**
Yes	*Port of Miami*	*Hialeah Fueling Depot*	*Example Site*	*FL*
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				Secondary Place of Performance (if applicable)	
County	**Percentage of Time operated in County**	**City**	**Zip Code**	**Secondary Port or Port Facility** *(select from dropdown, if applicable)*	**If Secondary location of vehicle/equipment is not at a port or port facility, provide the Name of the Additional Project Location**
Miami-Dade County	*50%*	*Miami*	*33032*	*0*	*0*
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Project Site ID	State	County	**Percentage of Time operated in County** *(enter value 0-1, where 1= 100%)*	City
0	*0*	*0*	*45%*	*0*
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Table 6b. Current Vehicle or Equipment Sp

Additional Location Details (if applicable)

Zip Code	**Additional Counties where Vehicle Operates**	**% of time operated in each Additional County**	**Current Vehicle Class** *(Onroad Current Vehicles only)*	**Current Vehicle GVWR** *(Onroad Current Vehicle Only)*
0	*Broward County, FL; Monroe County, FL*	*4% in Broward County; 1% in Monroe County*	*Class 7*	*12000*
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ɔecifications

Current Vehicle or Equipment Manufacturer	**Current Vehicle or Equipment Model**	**Current Vehicle or Equipment Model Year**	**Current Fuel Type** *(Select from Dropdown)*
Manufacturer Name	*Taurus*	*1995*	*ULSD (diesel)*

Table 6c. Current Engine Information (Only to be completed for engine replacement projects)

Estimated Remaining Life of Current Vehicle or Equipment (years):	**Current Engine Make**	**Current Engine Model**	**Current Engine Model Year**	**Current Engine Tier** *(nonroad, locomotive, and marine only)*
3	*ABC*	*ABC1000*	*1995*	*Tier 2*

If Current Engine Tier is Tier 4, Provide Tier 4 Standards *(Tier 4 only)*	**Current Engine After-Treatment Technology** *(Tier 4 nonroad only)*	**Current Engine Horsepower**	**Current Engine Cylinder Displacement** *(liters/cylinder; marine only)*	**Total # of Propulsion Engines** *(per vessel; marine only)*
N/A	*No DPF, Yes SCR*	*660*	*5.0 <= size <15.0*	*N/A*

Total # of Auxiliary Engines *(per vessel; marine only)*
N/A

U. S.
Clean Ports Program

Below are 5 tables (7-11), and one text response. Please complete all applicable tables. The electric vehicle supply equip
purchased under the project. Table 8 focuses on shore power systems, Table 9 covers hydrogen fueling stations, Table 1
on any other eligible infrastructure activity funded by this grant.

Please only fill out shaded cells highlighted blue with a diagonal pattern (///); additional rows for each table are hidden
Dictionary (Tab 6) for additional guidance on each field.

Key Reminders:
►All Level 2 EVSEs and DC Fast Chargers must be ENERGY STAR certified.
►All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.

Build Am

On August 16, 2022, the Inflation Reduction Act ("IRA"), Pub. L. No. 117-169, which includes the Build America, Buy Am
manufactured products, and construction materials used in infrastructure project are produced in the United States. If
whether or not the infrastructure project was the primary basis for the award. Additionally, BABA requirements apply e
please visit https://www.epa.gov/cwsrf/build-america-buy-america-baba.

Table 7. Electric Vehicle Supply Equipment (EVSE) & Other Electric Charging Equipment (not including vessel shore po

Table 7a. EVSE & Charger Overview

	Type of Charger	If Level 2 or DC Fast Charging, is it ENERGY STAR certified?	EVSE or Other EV Charger Manufacturer	EVSE or Other EV Charger Model
Example EV Infrastructure	*Level 2*	*Yes*	*Manufacturer Name*	*Model Name*
EVSE Group 1				
EVSE Group 2				
EVSE Group 3				
EVSE Group 4				
EVSE Group 5				
EVSE Group 6				
EVSE Group 7				
EVSE Group 8				
EVSE Group 9				
EVSE Group 10				

Table 8. Shore Power Equipment Information

Table 8a. Shore Power Equipment Information & Demand Overview

	Type of Shore Power Connection	Total Voltage Service Provided *(select from dropdown)*	Total Voltage Service Provided, if not listed	Manufacturer
Example Shore Power Infrastructure	*High voltage shore power connection (HVSC)*	*6.6 kV*	*10 kV*	*Manufacturer Name*
Shore Power Group 1				
Shore Power Group 2				
Shore Power Group 3				
Shore Power Group 4				
Shore Power Group 5				
Shore Power Group 6				
Shore Power Group 7				

Shore Power Group 8				
Shore Power Group 9				
Shore Power Group 10				

Table 9. Hydrogen Fueling Station Information
Table 9a. Hydrogen Fueling Station Information Overview

	Type of Station *(Select from dropdown)*	**Type of Hydrogen Storage** *(select from dropdown)*	**Total Hydrogen Storage Tank Capacity** (kg)	**H2 Dispenser Pedestal Manufacturer**
Example Hydrogen Fueling Station	*Gas*	*Above Ground*	*1,200*	*H2 Hoses & Co.*
Hydrogen fueling station 1				
Hydrogen fueling station 2				
Hydrogen fueling station 3				
Hydrogen fueling station 4				
Hydrogen fueling station 5				
Hydrogen fueling station 6				
Hydrogen fueling station 7				
Hydrogen fueling station 8				
Hydrogen fueling station 9				
Hydrogen fueling station 10				

Table 10. Solar and Wind Power Generation Equipment Information | Note: If the solar and wind power generation sy
Table 10a. Solar and Wind Power Generation Equipment Information

	Type of energy generation	**Manufacturer of Solar or Wind Power Generation System**	**Model of Solar or Wind Power Generation System**	**Generation Capacity of the System** *(please indicate kW or MW)*
Example solar and wind Power Generation	*Solar*	*Manufacturer Name*	*Model Name*	*15 kW*
Solar or Wind Power Generation 1				
Solar or Wind Power Generation 2				
Solar or Wind Power Generation 3				
Solar or Wind Power Generation 4				
Solar or Wind Power Generation 5				
Solar or Wind Power Generation 6				
Solar or Wind Power Generation 7				
Solar or Wind Power Generation 8				
Solar or Wind Power Generation 9				
Solar or Wind Power Generation 10				

Table 11. Battery Energy Storage System (BESS) Equipment Information
Table 11a. BESS Equipment Overview

	Type of Battery	Manufacturer of BESS	Model of BESS	Total Energy Capacity (*please indicate unit; kWh or MWh*)
BESS Example	*Lithium-Ion*	*Manufacturer Name*	*Model Name*	36 kWh
BESS Group 1				
BESS Group 2				
BESS Group 3				
BESS Group 4				
BESS Group 5				
BESS Group 6				
BESS Group 7				
BESS Group 8				
BESS Group 9				
BESS Group 10				

Are there any other infrastructure projects associated with this grant that are not listed above? *(select Yes or No)*

If no, *please leave this section blank.* If yes, please provide details in the box below on the infrastructure project and de

. Environmental Protection Agency
| Zero-Emission Technology Deployment Competition
Infrastructure Description

Instructions

ɔment (EVSE) & other electric charging information (Table 7) should detail all EVSE and other charging equipment and supporting infrastructure
10 captures solar and wind power generation systems, Table 11 covers battery energy storage systems (BESS), and the bottom text response focuses

and may be unhidden and completed be added as needed to capture all infrastructure components of this project. Please refer to the Data

erica, Buy America (BABA) requirements

erica Act (BABA), Public Law 117-58, §§ 70901-52, was signed into law. BABA requires that on or after May 14, 2022, all of the iron, steel,
award recipient will be installing, upgrading, or replacing "infrastructure," then BABA requirements apply to the infrastructure project, regardless of
even if the award recipient will be using another source of funding, whether in part or wholly, for the infrastructure project. For more information,

wer)

Table 7b. Location of Charging Infrastructure

EVSE or Other EV Charger Maximum Output Power (kW)	Number of EVSE or Other EV Charger Units	Port or Port Facility Where Infrastructure is Installed *(select options from dropdown, based on Table 3a of this template)*	If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b *(select from dropdown, based on Table 3b of this template)*	Project Site ID
24	*2*	Port Facility A	Additional Site B	Example Site

Model	Estimated Number of Annual Vessel Calls to Berth where Shore Power is to be Installed	Estimated Average Hotel Hours per Vessel Call per Berth where Shore Power is to be Installed	Estimated Number of Vessel Berths that can be served by Shore Power Pedestal	Maximum Output Power *(kW)*
Model Name	*500*	*72*	*1*	*24*

H2 Dispenser Pedestal Model	H2 Storage Tank Manufacturer	H2 Storage Tank Model	H2 Compressor Manufacturer	H2 Compressor Model
Magic Hose 1	*H2 Super Tank*	*ST001*	*Cool Engineering Co.*	*H2+HD*

ystem includes an energy storage system, information for such system needs to be documented in the table below this one (Table 11).

Table 10b. Solar and Wind Power Generation System Location Details

Port or Port Facility Where Infrastructure is Installed *(select options from dropdown, based on Table 3a of this template)*	**If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b** *(select from dropdown, based on Table 3b of this template)*	**Project Site ID**	**State**	**County**
Port Facility A	Additional Site B	Example Site	*VA*	*Arlington County*

			Table 11b. Location of BESS Infrastructure	
Maximum Continuous Discharge AC Power (kW)	**Maximum Continuous Discharge DC Power** (kW)	**Number of Units**	**Port or Port Facility Where Infrastructure is Installed** *(select options from dropdown, based on Table 3a of this template)*	**If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b** *(select from dropdown, based on Table 3b of this template)*
1200	2400	2	Port Facility A	Additional Site B

scribe how BABA compliance was determined.

State	County	City	Zip Code	Does the EVSE or Other EV Charger serve multiple port areas within this application?
VA	*Arlington County*	*Alexandria*	*22305*	*Yes*

Table 8b. Location of Shore Power Infrastructure

Estimated Annual Total Energy Dispersed in MW-h	Number of Shore Power Pedestals	Port or Port Facility Where Infrastructure is Installed *(select options from dropdown, based on Table 3a of this template)*	Project Site ID	State
1 MW-h	*2*	Port Facility A	Example Site	*VA*

				Table 9b. Location of Hydrogen I
H2 Cooling System Manufacturer	**H2 Cooling System Model**	**Estimated Annual Total H2 to be Dispensed in kg**	**Hydrogen Generation Pathway** *(Select from dropdown menu)*	**Port or Port Facility Where Infrastructure is Installed** *(select options from dropdown, based on Table 3a of this template)*
Cool and Beyond	*Cool H2+ Mark I*	*200,000*	*Electrolysis - Electric Grid Mix*	Port Facility A

City	**Zip Code**	**Does the Solar or Wind Power Generation System serve multiple ports within this application?**	**Primary Port or Port Facility Served by Solar or Wind Power Generation System**	**Secondary Port or Port Facilities served by Solar or Wind Power Generation System** *(use a semicolon between facilities)*
Alexandria	*22305*	*Yes*	Port Facility A	*Port of Galveston; UP Englewood Yard*

Project Site ID	State	County	City	Zip Code
Example Site	*VA*	*Arlington County*	Alexandria	22305

		Table 7c. EVSE BABA Details
Primary Port or Port Facility Served by EVSE and/or EV Charger *(select options from dropdown, based on Table 3a of this template)*	**Secondary Port or Port Facilities served by EVSE and/or EV Charger** *(use semicolon to separate between multiple port locations)*	**Is the EVSE or Other EV Charger and associated Equipment, Housing, and all Accessories BABA Compliant?**
Port Facility A	*Port of Galveston; UP Englewood Yard*	*Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant*

County	**City**	**Zip Code**
Arlington County	Alexandria	*22305*

Fueling Station

If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b *(select from dropdown, based on Table 3b of this template)*	**Project Site ID**	**State**
Additional Site B	Example Site	*VA*

Table 10c. Solar and Wind Power Generation BABA Details

Is Solar or Wind Power Generation System and related Equipment, Housing, and all Accessories BABA Compliant?	**If No, Partly Compliant, or Unsure, explain**	**Is the plan to use a waiver to fulfill BABA compliance for this infrastructure?** *(for more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA)*
Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant		*No - Infrastructure meets all BABA requirements*

Does the BESS serve multiple port facilities within this application?	Primary Port or Port Facility Served by BESS	Secondary Port or Port Facilities served by BESS: Associated Port(s) (use a colon between facilities)
Yes	Port Facility A	Port of Galveston; UP Englewood Yard

Table 7d. EVSE Cost Summary

If No, Partly Compliant, or Unsure, explain	Is the plan to use a waiver to fulfill BABA compliance for this infrastructure? *(For more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA)*	Does the Infrastructure Equipment Cost Include Installation?	Total Estimated Acquisition Cost for each EVSE or Other EV Charger Equipment:
	No - Infrastructure meets all BABA requirements	*No*	*$ 16,000.00*

Table 8c. Shore Power BABA Details

Are the Shore Power Equipment, Housing, and all Accessories BABA Compliant?	If No, Partly Compliant, or Unsure, explain	Is the plan to use a waiver to fulfill BABA compliance for this infrastructure? *(For more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA)*
Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant		*No - Infrastructure meets all BABA requirements*

Table 8d. Shore Power Cost Summary

Total Estimated Acquisition Cost for each Shore Power Pedestal:
$ 16,000.00

County	City	Zip Code	Does the fueling station serve multiple port facilities within this application?
Arlington County	*Alexandria*	*22305*	*Yes*

Table 10d. Solar and Wind Power Generation System Cost Summary

Total Estimated Acquisition Cost for Solar or Wind Power Generation System Equipment	Total EPA Funds Requested for Acquisition Cost of Solar or Wind Power Generation System Equipment	Total Estimated Cost for Installation of Solar or Wind Power Generation System Equipment	Total EPA Funds Requested for Installation of Solar or Wind Power Generation System Equipment
$ 45,000.00	*$ 45,000.00*	*$ 7,000.00*	*$ 5,000.00*

Table 11c. BESS BABA Details			Table 11d. BESS Cost Summary
Is BESS and related Equipment, Housing, and all Accessories BABA Compliant?	**If No, Partly Compliant, or Unsure, explain**	**Is the plan to use a waiver to fulfill BABA compliance for this infrastructure?** *(for more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA).*	**Total Estimated Acquisition Cost for each BESS Unit**
Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant		*No - Infrastructure meets all BABA requirements*	$ 48,000.00

Total EPA Funds Requested for Acquisition of each EVSE or Other EV Charger Unit	Total Estimated Acquisition Cost for EVSE or Other EV Chargers	Total EPA Funds Requested for Acquisition of EVSE or Other EV Chargers	Total Estimated Cost for Installation of EVSE or Other EV Chargers
$ 12,000.00	$ 32,000.00	$ 24,000.00	$ 12,000.00
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	

Total EPA Funds Requested for Acquisition of each Shore Power Pedestal	Does the Infrastructure Equipment Cost Include Installation?	Total Estimated Cost for Installation of Shore Power Pedestals	Total EPA Funds Requested for Installation Cost for Shore Power Pedestals
$ 12,000.00	No	$ 12,000.00	$ 7,000.00

Table 9c. H2 Fueling Infrastructure BABA Details

Primary Port or Port Facility Served by H2 Fueling station	Secondary Port or Port Facilities served by H2 fueling station *(use a semicolon between facilities)*	Are the Hydrogen Fueling and related Equipment, Housing, and all Accessories BABA Compliant?	If No, Partly Compliant, or Unsure, explain
Port Facility A	*Port of Galveston; UP Englewood Yard*	*Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant*	

Total Estimated Cost for All other eligible Solar or Wind Power Generation System Related Expenses	Total EPA Funds Requested for All other eligible Solar or Wind Power Generation System Related Expenses	Description of Other Eligible Solar or Wind Power Generation System Related Expenses	Total Estimated Cost for Solar or Wind Power Generation Equipment, Installation, and other Eligible Expenses
$ 100.00	*$ 100.00*	*shipping*	*$ 52,100.00*

Total EPA Funds Requested for each BESS Unit Acquisition	Total Estimated Cost for BESS Acquisition	Total EPA Funds Requested for BESS Acquisition	Total Estimated Cost for Installation of BESS
$ 20,000.00	$ 96,000.00	$ 40,000.00	$ 12,000.00
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	
	$ -	$ -	

Total EPA Funds Requested for Installation Cost of EVSE or Other EV Chargers	Total Estimated Cost for All other Eligible EVSE or Other EV Charger Related Expenses (e.g., Shipping)	Total EPA Funds Requested for All other Eligible EVSE or Other EV Charger Related Expenses (e.g., Shipping)
$ 7,000.00	$ 750.00	$ 250.00

Total Estimated Cost for All other Eligible Shore Power Acquisition & Installation Related Expenses	Total EPA Funds Requested for All other Eligible Shore Power Acquisition & Installation Related Expenses	Description of Other Eligible Shore Power Related Expenses
$ 750.00	$ -	shipping ($500)

Table 9d. H2 Fueling Infrastructure Cost Summary

Is the plan to use a waiver to fulfill BABA compliance for this infrastructure? *(For more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA)*	**Total Estimated Cost for Acquisition of H2 Fueling Pedestal(s):**	**Total EPA Funds Requested for Acquisition of H2 Fueling Pedestal(s):**
No - Infrastructure meets all BABA requirements	*$ 200,000.00*	*$ 150,000.00*

Total EPA Funds Requested for Solar or Wind Power Generation Equipment, Installation, and other Eligible Expenses

$ 50,100.00

Total EPA Funds Requested for Installation of BESS	Total Estimated Cost for All other Eligible BESS Related Expenses	Total EPA Funds Requested for All other Eligible BESS Related Expenses
$ 10,000.00	$ 100.00	$ 100.00

Description of Other Eligible EVSE or Other EV Charger Administrative Expenses	Total Estimated Cost on EVSE or Other EV Charger Equipment, Installation, and Other Eligible EVSE or Other EV Charger Related Expenses	Total EPA Funds Requested for EVSE or Other EV Charger Equipment, Installation, and Other Eligible EVSE or Other EV Charger Related Expenses
shipping ($1000)	*$ 44,750.00*	*$ 31,250.00*
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -

Total Estimated Cost for Shore Power Equipment Acquisition (total # of pedestals x Funds Expended/pedestal)	Total EPA Funds Requested for Shore Power Equipment Acquisition (total # of pedestals x EPA Funds Expended/pedestal)	Total Estimated Cost for Shore Power Equipment Acquisition, Installation, and Other Costs	Total EPA Funds Requested for Shore Power Equipment Acquisition & Installation, and Other Costs
$ 32,000.00	*$ 24,000.00*	*$ 44,750.00*	*$ 31,000.00*

Total Estimated Cost for All Additional H2 Supporting Infrastructure (e.g., tanks, pipes, compressors, cooling systems):	Total EPA Funds Requested for all Additional H2 Supporting Infrastructure (e.g., tanks, pipes, compressors, cooling systems):	Total Estimated Cost for Installation of H2 Fueling Infrastructure	Total EPA Funds Requested for Installation of H2 Fueling Infrastructure
$ 100,000.00	$ 80,000.00	$ 25,000.00	$ 12,000.00

Description of Other Eligible BESS Related Expenses	Total Estimated Cost for BESS Equipment, Installation, and Other Eligible Expenses	Total EPA Funds Requested BESS Equipment, Installation, and Other Eligible Expenses
shipping	$ 108,100.00	$ 50,100.00
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -
	$ -	$ -

Total Estimated Cost for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses	Total EPA Funds Requested for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses	Description of Other Eligible H2 Fueling Related Expenses
$ 100.00	$ 100.00	Shipping

Total Estimated Cost for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses *(Total cost of acquisition + supporting infrastructure + installation + other eligible expenses)*	**Total EPA Funds Requested for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses** *(Funds requested for acquisition + supporting infrastructure installation + other eligible expenses)*
$ 325,100.00	*$ 242,100.00*

This data dictionary contains descriptions for all fields and detailed ins

Tab 2. CAQP Supplemental Application

Table 1: Applicant & Project Details

Applicant Name/Organization
Applicant Address – Street

Applicant Address – City

Applicant Address – State (select from dropdown)
Applicant Address – Zip Code
Primary Contact Information– Name
Primary Contact Information– Title/Role
Primary Contact Information– Phone
Primary Contact Information– email

Applicant Type (See NOFO Section III.A for details)

Affiliate Port Authority (if applicable)
SAM.gov Unique Entity ID (UEI)

Small Water Port Project? See NOFO section II.B for specifications

Dry Port Project?
(See NOFO Section I.B. for specifications)

Does the applicant use LOGINK or any other prohibited logistics platform as described in NOFO Section III.D.?

Proposed Project Title
Project Period–Project start date
Project Period–Project end date
Short Project Description

Does this project include planning activities related to emissions inventory and accounting exercises?

Total EPA Funding Requested

Other Federal Funding Sources

Table 2: Project Partners

Project Partner Organization Name
Primary Contact Information for Project Partner(s) – Name

Primary Contact Information for Project Partner(s) – Title/Role

Primary Contact Information for Project Partner(s) – Email
Primary Contact Information for Project Partner(s) – Phone

Type of Organization

Type of Organization—If Other, describe
Nature of Partnership with Applicant
Role in Project—Select from dropdown
Role in Project – If Other, describe

Table 3: Project Location(s)

Table 3a: Port/Port Facility Location(s)

Port/Port Facility Name
Project Site ID
Port Authority Name (if applicable)
State

County

City
Description of Project Activity at Port/ Port Facility
Estimate of the Share of Overall Project Activity at this site
County FIPS Code
EPA Region

Does this county contains a PM2.5 or Ozone Nonattainment Area?

Does this county contains a Severe or Extreme Ozone Nonattainment Area?

Does this county contains a PM2.5 or Ozone Maintenance Area?

Does this county contain an area with High Ambient Diesel PM Concentration?

Does this county meet the Disadvantaged Community Definition in Section IV.C.2 of the NOFO?

Table 3b: Additional Project Locations: *Use this table to identify addi*

Site Name

Project Site ID

Port(s)/Port Facilities Served by Location

State

County

City

Description of Project Activity at Site

Estimate of the Share of Project Activity at this site

County FIPS Code

EPA Region

Does this county contains a PM2.5 or Ozone Nonattainment Area?

Does this county contains a Severe or Extreme Ozone Nonattainment Area?

Does this county contains a PM2.5 or Ozone Maintenance Area?

Does this county contain an area with High Ambient Diesel PM Concentration?

Does this county meet the Disadvantaged Community Definition in Section IV.C.2 of the NOFO?

Table 4. Climate and Air Quality Planning Project Overview

Project Includes this Activity

Requested EPA Funds for this Activity

Is it the intent that this Activity will be fully funded by EPA

Other Activities

Tab 3. Cover Sheet for App_ZE

Table 1: Applicant & Project Details

Applicant Name/Organization

Applicant Address – Street

Applicant Address – City

Applicant Address – State (select from dropdown)

Applicant Address – Zip Code

Primary Contact Information– Name

Primary Contact Information– Title/Role

Primary Contact Information– Phone

Primary Contact Information– email

Applicant Type

Affiliate Port Authority (if applicable)

SAM.gov Unique Entity ID (UEI)

Small Water Port Project? See NOFO section II.B for specifications

Dry Port Project? See NOFO section I.B. for specifications

Does the applicant use LOGINK or any other prohibited logistics platform as described in Section III.D. of the NOFO?

Proposed Project Title

Project Period–Project start date

Project Period–Project end date

Short Project Description

Total EPA Funding Requested

Total Applicant Costs

Total Project Costs

Other Federal Funding Sources

Total Funding for ZE Equipment
Total Funding for Charging and/or Fueling Infrastructure
Table 2: Project Partners
Project Partner Organization Name
Primary Contact Information for Project Partner(s) – Name

Primary Contact Information for Project Partner(s) – Title/Role

Primary Contact Information for Project Partner(s) – Email
Primary Contact Information for Project Partner(s) – Phone

Type of Organization – Select from dropdown

Type of Organization—If Other, describe
Nature of Partnership with Applicant

Role in Project—Select from dropdown

Role in Project – If Other, describe
Table 3: Project Location(s)
Table 3a: Port Location(s)

Port/Port Facility Name

Project Site ID
Port Authority Name (if applicable)
State

County

City
Description of Project Activity at Port
Estimate of the Share of Project Activity at this site
County FIPS
EPA Region
County Contains PM2.5 or Ozone Nonattainment Area?

County Contains Severe or Extreme Ozone Nonattainment Area?

County Contains PM2.5 or Ozone Maintenance Area?

County Contains High Ambient Diesel PM Concentration?
County Meets Disadvantaged Community Definition in Section IV.C.2, Section 4 in the NOFO?
Table 3b: Additional Project Locations: *Use this table to identify addi*
Site Name
Project Site ID
Port(s) Served by Location
State

County

City
Description of Project Activity at Site
Estimate of the Share of Project Activity at this site
County FIPS
EPA Region
County Contains PM2.5 or Ozone Nonattainment Area?

County Contains Severe or Extreme Ozone Nonattainment Area?

County Contains PM2.5 or Ozone Maintenance Area?
County Contains High Ambient Diesel PM Concentration?
County Meets Disadvantaged Community Definition in Section IV.C.2, Section 4 in the NOFO?
Table 4: Zero-Emission Technology Deployment Project Overview

Port Sectors Affected- Onroad

Port Sectors Affected- Cargo Handling Equipment & Other Nonroad

Port Sectors Affected- Locomotive

Port Sectors Affected- Vessels

Project Features Scrappage

Fueling Infrastructure Affected – Electric Vehicle Supply Equipment (EVSE)

Fueling Infrastructure Affected – Shore Power Infrastructure

Fueling Infrastructure Affected—Hydrogen Fueling Infrastructure

Fueling Infrastructure Affected—Solar or Wind Power Generation

Fueling Infrastructure Affected—Battery Energy Storage System

Tab 4a. New Fleet Description

Table 5. New Vehicle, Equipment, or Engine Information

Table 5a: Vehicle/Equipment Overview

Vehicle or Equipment

Equipment Type (select from dropdown)

Vehicle or Equipment Subtype

Vocation

If 'Other' Subtype or Vocation selected, please describe

Technology Type (select from dropdown)

If 'Other' selected for Technology Type, please describe

Vehicle or Equipment Total Battery Capacity, (kWh)

Fuel Cell Capacity (kW)

Equipment Owner (if known)

Table 5b: Place(s) of Performance

Vehicle or Equipment Operates in Multiple Performance Locations Within this project? (Yes/No)

Primary Port or Port Facility

If Primary location of vehicle/equipment is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b

Project Site ID

State

County

Percentage of Time operated in County (enter value 0-1, where 1= 100%)

City

Zip Code

Secondary Port or Port Facility

If Secondary location of vehicle/equipment is not at a port, provide the Name of the Additional Project Location (select from dropdown)_2

(Secondary Port) Project Site ID_2

(Secondary Port) State_2

(Secondary Port) County_2

Percentage of Time operated in County

City_2

Zip Code_2

Additional Counties where Vehicle Operates

% of time operated in each Additional County

Table 5c: Details of New Vehicle, Vessel, and/or Equipment

Vehicle Class

Vehicle GVWR

Vehicle or Equipment Manufacturer

Vehicle or Equipment Model
Vehicle or Equipment Model Year
Acquisition Cost per Vehicle or Equipment
Total EPA Funds Expended Per Vehicle or Equipment Acquisition

Table 5d. Engine Replacement Details (only to be completed if 'Techn

New Engine Make
New Engine Model
New Engine Model Year
New Engine Horsepower
Number of Propulsion Engines (Vessels only)
Number of Auxiliary Engines (Vessels only)
Total Estimated Acquisition Cost per New Engine
EPA Funds Requested for New Engine Acquisition
Total Estimated Cost for Labor related to Engine Replacement
EPA Funds Expended for Labor Cost related to Engine Replacement
Total Combined Costs for New Engine Acquisition and Labor of Engine Replacement
Total EPA Funds Requested for New Engine Acquisition and Labor of Engine Replacement
Fuel Cell Capacity (kW)

Tab 4b. Scrappage Information

Table 6. Current Vehicle or Equipment Committed for Scrappage Info
Table 6a. Basic Fleet Information and Place(s) of Performance | Note

Current Vehicle or Equipment
Corresponding New Vehicle, Equipment, or Engine (select from dropdown)
Vehicle or Equipment Type
Vehicle or Equipment Subtype
Vocation
If 'Other' Vocation selected, describe
Technology Type
If 'Other' selected for Technology Type, please describe
Vehicle or Equipment Total Battery Capacity, (kWh)
Fuel Cell Capacity (kW)
Fleet Owner
Vehicle or Equipment Operates in Multiple Performance Locations Within this project? (Yes/No)
Primary Place of Performance
Primary Port (select from dropdown, if applicable)
Project Site Name
Project Site ID
State
County
Percentage of Time operated in County (enter value 0-1, where 1= 100%)
City
Zip Code
Secondary Place of Performance (if applicable)
Secondary Port (select from dropdown, if applicable)_2
Project Site Name_2
Project Site ID_2
State_2
County_2
Percentage of Time operated in County (enter value 0-1, where 1= 100%)_2
City_2
Zip Code_2
Additional Location Details (if applicable)
Additional Counties where Vehicle Operates
% of time operated in each Additional County

Table 6b. Current Vehicle or Equipment Specifications

Current Vehicle Class (Onroad Current Vehicles only)
Current Vehicle GVWR (Onroad Current Vehicle Only)
Current Vehicle or Equipment Manufacturer
Current Vehicle or Equipment Model
Current Vehicle or Equipment Model Year
Current Fuel Type

Estimated Remaining Life of Current Vehicle or Equipment (years):

Table 6c. Current Engine Information (Only to be completed for engi
Current Engine Make
Current Engine Model
Current Engine Model Year
Current Engine Tier
If Current Engine Tier is Tier 4, Provide Tier 4 Standards
Current Engine After-Treatment Technology
Current Engine Horsepower
Current Engine Cylinder Displacement
Total # of Propulsion Engines (per vessel; marine only)
Total # of Auxiliary Engines (per vessel; marine only)

Tab 5. Infrastructure

Table 7: Electric Vehicle Supply Equipment (EVSE) & Other Electric Ch
Table 7a. Electric Vehicle Supply Equipment (EVSE) Overview

Type of Charger

If Level 2 or DC Fast Charging, is it ENERGY STAR certified?
EVSE or other EV charger Manufacturer
EVSE or other EV charger Model
EVSE Maximum Output Power (kW)
Number of EVSE or other EV Charger Units

Table 7b. Location of Charging Infrastructure
Port or Port Facility Where Infrastructure is Installed

If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b

Project Site ID
State
County
City
Zip Code

Does the EVSE or other EV charger serve multiple port areas within this application?

Primary Port or Port Facility Served by EVSE and/or EV Charger

Secondary Port or Port Facilities served by EVSE and/or EV Charger (use semicolon to separate between multiple port locations)

Table 7c. EVSE BABA Details

Is the EVSE or Other EV Charger and associated Equipment, Housing, and all Accessories BABA Compliant?

If No, Partly Compliant, or Unsure, explain

Is the plan to use a waiver to fulfill BABA compliance for this infrastructure? (for more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA).

Table 7d. EVSE Cost Summary
Does the Infrastructure Equipment Cost Include Installation?
Total Estimated Acquisition Cost for each EVSE or Other EV Charger Equipment:
Total EPA Funds Requested for Acquisition of each EVSE or Other EV Charger Unit

Total Estimated Acquisition Cost for EVSE or Other EV Chargers

Total EPA Funds Requested for Acquisition of EVSE or Other EV Chargers

Total Estimated Cost for Installation of EVSE or Other EV Chargers

Total EPA Funds Requested for Installation Cost of EVSE or Other EV Chargers

Total Estimated Cost for All other Eligible EVSE or Other EV Charger Related Expenses (e.g., Shipping)

Total EPA Funds Requested for All other Eligible EVSE or Other EV Charger Related Expenses (e.g., Shipping)

Description of Other Eligible EVSE or Other EV Charger Administrative Expenses

Total Estimated Cost on EVSE or Other EV Charger Equipment, Installation, and Other Eligible EVSE or Other EV Charger Related Expenses

Total EPA Funds Requested for EVSE or Other EV Charger Equipment, Installation, and Other Eligible EVSE or Other EV Charger Related Expenses

Table 8. Shore Power Equipment Information

Table 8a. Shore Power Equipment Information & Demand Overview

Type of Shore Power Connection

Total Voltage Service Provided

Total Voltage Service Provided, if Not Listed

Manufacturer

Model

Estimated Number of Annual Vessel Calls to Berth where Shore Power is to be Installed

Estimated Number of Vessel Berths that can be served by Shore Power Pedestal

Number of Vessel Berths that can be served by Shore Power Pedestal

Maximum Output Power (kW)

Estimated Annual Total Energy Provided in MW-h

Number of Shore Power Pedestals

Table 8b. Location of Shore Power Infrastructure

Port or Port Facility Where Infrastructure is Installed

If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b

Project Site ID

State

County

City

Zip Code

Table 8c. Shore Power BABA Details

Are the shore power equipment, Housing, and all Accessories BABA Compliant?

If No, Partly Compliant, or Unsure, explain

Is the plan to use a waiver to fulfill BABA compliance for this infrastructure? (for more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA).

Table 8d. Shore Power Cost Summary

Total Estimated Acquisition Cost for each Shore Power Pedestal

Total EPA Funds Requested for Acquisition of each Shore Power Pedestal

Does the Infrastructure Equipment Cost Include Installation?

Total Estimated Cost for Installation of Shore Power Pedestals

Total EPA Funds Requested for Installation Cost for Shore Power Pedestals

Total Estimated Cost for All other Eligible Shore Power Acquisition & Installation Related Expenses

Total EPA Funds Requested for All other Eligible Shore Power Acquisition & Installation Related Expenses

Description of Other Eligible Shore Power Related Expenses

Total Estimated Cost for Shore Power Equipment Acquisition
(total # of pedestals x Funds Expended/pedestal)

Total EPA Funds Requested for Shore Power Equipment Acquisition
(total # of pedestals x EPA Funds Expended/pedestal)

Total Estimated Cost for Shore Power Equipment Acquisition, Installation, and Other Costs

Total EPA Funds Requested for Shore Power Equipment Acquisition & Installation, and Other Costs

Table 9. Hydrogen Fueling Station Information

Table 9a. Hydrogen Fueling Station Information Overview

Type of Station

Type of Hydrogen Storage *(select from dropdown)*

Total Hydrogen Storage Tank(s) Capacity (kg)

H2 Dispenser Pedestal Manufacturer

H2 Dispenser Pedestal Model

H2 Storage Tank Manufacturer

H2 Storage Tank Model

H2 Compressor Manufacturer

H2 Compressor Model

H2 Cooling System Manufacturer

H2 Cooling System Model

Estimated Annual Total H2 to be Dispensed in kg

Hydrogen Generation Pathway

Table 9b. Location of Hydrogen Fueling Infrastructure

Port or Port Facility Where Infrastructure is Installed

If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b

Project Site ID

State

County

City

Zip Code

Does the fueling station serve multiple port facilities within this application?

Primary Port or Port Facility Served by H2 Fueling station

Secondary Port or Port Facilities served by H2 fueling station

Table 9c. H2 Fueling Infrastructure BABA Details

Are the Hydrogen Fueling and related Equipment, Housing, and all Accessories BABA Compliant?

If No, Partly Compliant, or Unsure, explain

Is the plan to use a waiver to fulfill BABA compliance for this infrastructure?

Table 9d. H2 Fueling Infrastructure Cost Summary

Total Estimated Cost for Acquisition of H2 Fueling Pedestal(s):

Total EPA Funds Requested for Acquisition of H2 Fueling Pedestal(s):

Total Estimated Cost for All Additional H2 Supporting Infrastructure (e.g., tanks, pipes, compressors, cooling systems):

Total EPA Funds Requested for all Additional H2 Supporting Infrastructure (e.g., tanks, pipes, compressors, cooling systems):

Total Estimated Cost for Installation of H2 Fueling Infrastructure

Total EPA Funds Requested for Installation of H2 Fueling Infrastructure

Total Estimated Cost for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses

Total EPA Funds Requested for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses

Description of Other Eligible H2 Fueling Related Expenses

Total Estimated Cost for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses

Total EPA Funds Requested for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses

Table 10. Solar and Wind Power Generation System Equipment Infor

Table 10a. Solar and Wind Power Generation System Equipment Inf

Type of energy generation

Manufacturer of Solar or Wind Power Generation System

Model of Solar or Wind Power Generation System

Generation Capacity of the System (please indicate kW or MW)

Table 10b. Solar and Wind Power Generation System Location Detail

Port or Port Facility Where Infrastructure is Installed

If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b

Project Site ID

State

County

City

Zip Code

Does the Solar or Wind Power Generation System serve multiple ports within this application?

Primary Port or Port Facility Served by Solar or Wind Power Generation System

Secondary Port or Port Facilities served by Solar or Wind Power Generation System (use a semicolon between facilities)

Table 10c. Solar and Wind Power Generation System BABA Compliance

Is Solar or Wind Power Generation System and related Equipment, Housing, and all Accessories BABA Compliant?

If No, Partly Compliant, or Unsure, explain

Is the plan to use a waiver to fulfill BABA compliance for this infrastructure?
(for more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA)

Table 10d. Solar and Wind Power Generation System Cost Summary

Total Estimated Acquisition Cost for Solar or Wind Power Generation System Equipment

Total EPA Funds Requested for Acquisition Cost of Solar or Wind Power Generation System Equipment

Total Estimated Cost for Installation of Solar or Wind Power Generation System Equipment

Total EPA Funds Requested for Installation of Solar or Wind Power Generation System Equipment

Total Estimated Cost for All other eligible Solar or Wind Power Generation System Related Expenses

Total EPA Funds Requested for All other eligible Solar or Wind Power Generation System Related Expenses

Description of Other Eligible Solar or Wind Power Generation System Related Expenses

Total Estimated Cost for Solar or Wind Power Generation Equipment, Installation, and other Eligible Expenses

Total EPA Funds Requested for Solar or Wind Power Generation Equipment, Installation, and other Eligible Expenses

Table 11. Battery Energy Storage System (BESS) Equipment Informat

Table 11a. Battery Electric Storage System (BESS) Equipment Overvie

Type of Battery

Manufacturer of BESS

Model of BESS

Total Energy Capacity (please indicate unit; kWh or MWh)

Maximum Continuous Discharge AC Power (kW)

Maximum Continuous Discharge DC Power (kW)

Number of Units

Table 11b. Location of BESS Infrastructure

Port or Port Facility Where Infrastructure is Installed

If Infrastructure is not at a port or port facility listed in Table 3a, provide the Name of the Additional Project Location as listed in Table 3b

Project Site ID

State

County

City

Zip Code

Does the BESS System serve multiple ports within this application?

Primary Port or Port Facility Served by BESS System

Secondary Port or Port Facilities served by BESS System (use a semicolon between facilities)

Table 11c. BABA Compliance

Is BESS and related Equipment, Housing, and all Accessories BABA Compliant?

If No, Partly Compliant, or Unsure, explain

Is the plan to use a waiver to fulfill BABA compliance for this infrastructure? (for more information on approved waivers, see Build America, Buy America (BABA) Approved Waivers US EPA).

Table 11d. BESS Cost Summary

Total Estimated Acquisition Cost for each BESS Unit

Total EPA Funds Requested for each BESS Unit Acquisition

Total Estimated Cost for BESS Acquisition

Total EPA Funds Requested for BESS Acquisition

Total Estimated Cost for Installation of BESS

Total EPA Funds Requested for Installation of BESS

Total Estimated Cost for All other Eligible BESS Related Expenses

Total EPA Funds Requested for All other Eligible BESS Related Expenses

Description of Other Eligible BESS Related Expenses

Total Estimated Cost for BESS Equipment, Installation, and Other Eligible Expenses

Total EPA Funds Requested BESS Equipment, Installation, and Other Eligible Expenses

Are there any other infrastructure projects associated with this grant that are not listed above? (select Yes or No)

If no, please leave this section blank. If yes, please provide details in the box below on the infrastructure project and describe how BABA compliance was determined.

U. S. Environmental Protection Agency

Clean Ports Program | Data Dictionary

tructions for how to complete all fields found on Tabs 2, 3, 4a, 4b, and 5.

For applicants to the Climate and Air Quality Planning Competition, this is the only tab that needs to be completed.

Enter Name of Applicant or Applying Organization

Provide the street name and number of mailing address of Applicant or Applying Organization

Provide the city of mailing address of Applicant or Applying Organization

Provide the state of mailing address of Applicant or Applying Organization

Provide the Zip Code of mailing address of Applicant or Applying Organization

Provide the name of the Primary Contact for this application

Provide the title or role of the Primary Contact for this application

Provide the phone number of the Primary Contact for this application

Provide the email address of the Primary Contact for this application

Select from dropdown which of the following options best describes the applicant: Port Authority; State Agency with jurisdiction over a port authority or port; Tribal agency with jurisdiction over a port authority or a port; Regional Agency with jurisdiction over a port authority or port; Local Agency with jurisdiction over a port authority or port; Air Pollution Control Agency; Eligible Private Entity

For applicants that are not Port Authorities or which have affiliated port authorities, provide the name(s) of the port authorities

Enter the SAM.gov Unique Entity Identification Number for the applicant

Select Yes or No from Dropdown

Select Yes or No from Dropdown

Select Yes or No from Dropdown

One descriptive sentence only

For Climate & Air Quality Planning projects, project periods may be up to three years.

For Climate & Air Quality Planning projects, project periods may be up to three years.

Briefly describe your project in one to three sentences only, especially noting the expected outputs and outcomes.

Select Yes or No from Dropdown

Use the definitions provided in Section IV.C., Section 7 “Budget” to fill out this budget summary. The amount listed in this summary should match the amounts listed in the budget table in Section 7. As noted in Section II.B. of the NOFO, each application can request between $200,000 and $3,000,000.

If the applicant has applied or plans to apply for funding for this project (or portions of this project) from another federal funding source, the applicant should list the potential funding source(s). Otherwise, enter N/A

Provide the name(s) of the organizations working in partnership with the applicant on this project

Provide the name(s) of the primary contact at this partner organization

Provide the title or role of the primary contact at this partner organization

Provide the email address of the primary contact at this partner organization

Provide the phone number of the primary contact at this partner organization

Select from dropdown which of the following options best describes the applicant: Port Authority; State Agency with jurisdiction over a port authority or port; Tribal agency with jurisdiction over a port authority or a port; Regional Agency with jurisdiction over a port authority or port; Local Agency with jurisdiction over a port authority or port; Air Pollution Control Agency; Eligible Private Entity

Enter in a brief description of the type of organization

Select from Dropdown: Statutory Partner or Collaborating Entity (non-statutory)

Select from the dropdown one of the following options: Recipient of funds; Other

Enter in a brief description of the role this project partner is expected to have

If a port or port facility spans more than 1 county, please enter a new line for each unique county.

Prepopulated; used for looking up tables in other tables

Enter in the Port Authority Name associated with this Port or Port Facility, if applicable.

Select the state abbreviation from the dropdown list provided

Select the county name from the dropdown list provided; note the dropdown menu will only work if the state field for that row is completed

Enter in the name of the city in which the Port/Port Facility is located

Provide a brief comment about which project activity or activities are expected to be completed at this site

Enter a value between 0-1, where 1 is 100%. Values in this field for Tables 3a and 3b should total to 100%

Autopopulates

Autopopulates

Autopopulates

Autopopulates

Autopopulates

Autopopulates

Autopopulates

tional project locations found outside of the ports and port facilities listed in Table 3a above.

If an Additional Site spans more than 1 county, please enter a new line for each unique county.

Prepopulated; used for looking up tables in other tables

Separate additional ports by semicolon

Select the state abbreviation from the dropdown list provided

Select the county name from the dropdown list provided; note the dropdown menu will only work if the state field for that row is completed

Enter in the name of the city in which the Port/Port Facility is located

Provide a brief comment about which project activity or activities are expected to be completed at this site

Enter a value between 0-1, where 1 is 100%. Values in this field for Tables 3a and 3b should total to 100%

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For each of the listed Planning Activity Types in columns A & B, select whether this project features that activity using the dropdown menu provided

For each of the planned Activities selected in the previous column, enter the requested funds to support this specific activity

For each of the planned Activities selected in the first column, use the dropdown menu to select whether or not it is the intent for this activity to be fully funded by the Clean Ports Program Climate and Air Quality Planning Competition. Options include: "Yes", "No", and "Unsure at this Time"

If project features other Planning Activities not listed, please provide here; additional rows hidden if needed.

For applicants to the Zero-Emission Technology Deployment Competition, this is the first of up to 4 tabs that may be completed.

Enter Name of Applicant or Applying Organization

Provide the street name and number of mailing address of Applicant or Applying Organization

Provide the city of mailing address of Applicant or Applying Organization

Provide the state of mailing address of Applicant or Applying Organization

Provide the Zip Code of mailing address of Applicant or Applying Organization

Provide the name of the Primary Contact for this application

Provide the title or role of the Primary Contact for this application

Provide the phone number of the Primary Contact for this application

Provide the email address of the Primary Contact for this application

Select from dropdown which of the following options best describes the applicant: Port Authority; State Agency with jurisdiction over a port authority or port; Tribal agency with jurisdiction over a port authority or a port; Regional Agency with jurisdiction over a port authority or port; Local Agency with jurisdiction over a port authority or port; Air Pollution Control Agency; Eligible Private Entity

For applicants that are not Port Authorities or which have affiliated port authorities, provide the name(s) of the port authorities

Enter the SAM.gov Unique Entity Identification Number for the applicant

Select Yes or No from Dropdown

Select Yes or No from Dropdown

Select Yes or No from Dropdown

One descriptive sentence only

For Zero Emissions Technology projects, project periods may be up to 4 years.

For Zero Emissions Technology projects, project periods may be up to 4 years.

Briefly describe your project in one to three sentences only, especially noting the expected outputs and outcomes.

Use the definitions provided in Section IV.C., Section 7 “Budget” to fill out this budget summary. The amount listed in this summary should match the amounts listed in the budget table in Section 7. As noted in Section II.B. of the NOFO, each application can request between $200,000 and $3,000,000.

Use the definition provided in Section IV.C., Section 8 “Budget” to fill out this field. The amount listed in this summary should match the amounts listed in the budget table in Section

Autopopulates the sum of the EPA Funding Requested and Total Applicant Costs

If the applicant has applied or plans to apply for funding for this project (or portions of this project) from another federal funding source, the applicant should list the potential funding source(s). Otherwise, enter N/A

This field will auto-populate upon completing 'Fleet Description' tab.

This field will auto-populate upon completing 'Infrastructure’ tab

Provide the name(s) of the organizations working in partnership with the applicant on this project

Provide the name(s) of the primary contact at this partner organization

Provide the title or role of the primary contact at this partner organization

Provide the email address of the primary contact at this partner organization

Provide the phone number of the primary contact at this partner organization

Select from dropdown which of the following options best describes the applicant: Port Authority; State Agency with jurisdiction over a port authority or port; Tribal agency with jurisdiction over a port authority or a port; Regional Agency with jurisdiction over a port authority or port; Local Agency with jurisdiction over a port authority or port; Air Pollution Control Agency; Eligible Private Entity

Enter in a brief description of the type of organization

Select from Dropdown: Statutory Partner or Collaborating Entity (non-statutory)

Select from the dropdown one of the following options: Recipient of funds for ZE equipment deployment; Recipient of funds for ZE infrastructure deployment and/or installation; Other

If Other selected for previous field, supply a brief description of the Project Partner's Anticipated Role in Project

Enter the name(s) of the Port or Port Facility where this project will take place. If a port spans more than 1 county, please enter a new line for each unique county

Prepopulated; used for looking up tables in other tables

Enter the name of the Port Authority (if applicable to site)

Select the state abbreviation from the dropdown list provided

Select the county name from the dropdown list provided; note the dropdown menu will only work if the state field for that row is completed

Enter in the name of the city in which the Port/Port Facility is located

Provide a brief comment about which project activity or activities are expected to be completed at this site

Enter a value between 0-1, where 1 is 100%. Values in this field for Tables 3a and 3b should total to 100%

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tional project locations found outside of the ports listed in 3a above

If an Additional Site spans more than 1 county, please enter a new line for each unique county.

Prepopulated; used for looking up tables in other tables

Separate additional ports by semicolon

Select the state abbreviation from the dropdown list provided

Select the county name from the dropdown list provided; note the dropdown menu will only work if the state field for that row is completed

Enter in the name of the city in which the Port/Port Facility is located

Provide a brief comment about which project activity or activities are expected to be completed at this site

Enter a value between 0-1, where 1 is 100%. Values in this field for Tables 3a and 3b should total to 100%

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These fields will auto-populate with ✔ upon completing 'Fleet Description' tab.

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These fields will auto-populate with ✔ upon completing 'Scrappage Information' tab.

These fields will auto-populate with ✔ upon completing 'Infrastructure' tab.

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These fields will auto-populate with ✔ upon completing 'Infrastructure' tab.

For applicants to the Zero-Emission Technology Deployment Competition, this is the second of up to 4 tabs that may be completed.

Prepopulated.

Using the dropdown menu, select the equipment type sector from the following options: Onroad, Locomotive, Vessel, and Cargo_Handling_Equipment_and_Other_Nonroad

Select the subtype from dropdown menu. Note, you must select a 'Vehicle or Equipment Type' first.

Select the vocation from dropdown menu for Onroad and Vessels. This field will be automatically hatched out for Locomotives and Cargo Handling Equipment

If 'Other' is selected for either Vehicle or Equipment Subtype or Vocation, provide a brief description of the vehicle and/or equipment subtype and its vocation related to this project. This field will be automatically hatched out for Locomotives.

Using the dropdown menu, select the best description of the new technology; options include: New Vehicle - Battery Electric, New Vehicle - Fuel Cell, New Locomotive - Battery Electric, New Locomotive - Fuel Cell, New Vessel - Battery Electric, New Vessel - Fuel Cell, New Engine - Battery Electric, New Engine - Fuel Cell, New Cargo Handling Equipment - Battery Electric, New Cargo Handling Equipment - Fuel Cell, and Other

If 'Other' is selected for Technology Type, provide a brief description of the vehicle and/or equipment technology. This field will be automatically hatched out unless Other is entered into the prior field.

For Battery Electric equipment, provide the estimated total battery capacity in kWh; this may also be calculated by multiplying the listed battery capacity per battery pack by the number of battery packs.

For H2 Fuel Cell equipment, provide the estimated total fuel cell capacity in kW

List the name and/or organization that will own the new ZE equipment

Select Yes/No from Dropdown menu

Select options from dropdown which will be populated based on entries supplied into Table 3a of this template.

Select options from dropdown which will be populated based on entries supplied into Table 3b of this template.

Autopopulates

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Enter the percentage of the time the vehicle or equipment will operate at the site listed by entering a value from 0 to 1, where 1 = 100%.

Autopopulates

Autopopulates

Select options from dropdown which will be populated based on entries supplied into Table 3a of this template.

Select options from dropdown which will be populated based on entries supplied into Table 3b of this template.

Autopopulates

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Enter the percentage of the time the vehicle or equipment will operate at the site listed by entering a value from 0 to 1, where 1 = 100%.

Autopopulates

Autopopulates

List the names of the additional counties where the vehicle operates; separate multiple counties using a semicolon

List the relative share of time each vehicle or equipment operates in the additional counties listed in the field before

Select from the dropdown menu the Vehicle/Equipment Class for onroad vehicles, as appropriate. This field will be hatched out for all nonroad equipment

Enter the onroad vehicle's gross vehicle weight rating. This field will be hatched out for all nonroad equipment

Enter the manufacturer of the New Vehicle

Enter the model of the New vehicle
Enter the model year of the new vehicle or equipment
Enter the total cost anticipated for acquiring this vehicle or equipment

Enter the total EPA funds requested from this grant for acquiring this vehicle or equipment

nology Type' selected is "New Engine")

Enter the manufacturer of the new Engine.
Enter the model of the new Engine.
Enter the model year of the new engine.
Enter the average horsepower of the new engine .

Enter the total number of new propulsion engines on the vessel.

Enter the total number of new auxiliary engines on the vessel.

Enter the total cost anticipated for acquiring each engine
Enter the total EPA funds requested from this grant for acquiring each engine

Enter the total cost anticipated for labor related to this engine replacement

Enter the total EPA funds requested from this grant for labor related to this engine replacement

Autopopulates

Autopopulates

For applicants to the Zero-Emission Technology Deployment Competition, this is the third of up to 4 tabs that may be completed, and only applicants with proposed scrappage should complete this tab

rmation

: Yellow fields for the Basic Fleet Information will Automatically Populate upon selecting the corresponding new equipment

Prepopulated Field

Dropdown menu with the Vehicle/Equipment IDs from Tab 4a, Table 5; select the vehicle or equipment that will be the 'Replacement' for each scrapped or disposed of vehicle you will describe in Table 6.

No action needed; this field autopopulates based on responses entered in Tab 3a, Table 5
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Enter current vehicle's classification (only required for Onroad Vehicles)
Enter current vehicle's gross vehicle weight rating in lbs. (only required for Onroad Vehicles)
Enter the manufacturer of the existing vehicle or equipment
Enter the model of the existing vehicle or equipment
Enter the model year of the existing vehicle or equipment
Select fuel type of current vehicle or equipment from dropdown menu

Enter the estimated number of years of remaining life of the vehicle or equipment

ne replacement projects)

Enter the manufacturer of the existing Engine.
Enter the model of the existing Engine.
Enter the model year of this engine set.
Enter the engine tier using the dropdown menu
If you selected "Tier 4" for the previous answer, provide details about which Tier 4 standards the existing engine met
Describe any after-treatment technology
Enter the average horsepower of the engine/equipment.
Use the dropdown menu to select the current engine's cylinder displacement
Enter the number of propulsion engines
Enter the number of auxiliary engines

For applicants to the Zero-Emission Technology Deployment Competition, this is the fourth and final of up to 4 tabs that may be completed.

harging Equipment (not including vessel shore power)

Enter the type of charger, either Level 2 (AC charging up to 19.2 kW), DC Fast Charging, or Other (including non-standard or megawatt charging system).

Confirm and select yes if applicable. Please see https://www.energystar.gov/
Enter the manufacturer of the charging equipment
Enter the model name of the charging equipment.
Enter the maximum power output of the charging equipment, measured in kilowatts.

Select from the dropdown menu, options which will be populated based on Table 3a of this template.

Select from the dropdown menu, options which will be populated based on Table 3b of this template.

Autopopulates
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Enter the zip code in which the charging equipment will be located.

Select whether or not the charging equipment serve more than one port area within the project submitted in this application.

Select from the dropdown menu the port area which the charging equipment will primarily serve; options will be populated based on Table 3a of this template.

Enter the name of the other port areas in which the charging equipment will serve. If it will serve multiple secondary port areas, list all and separate with a semicolon (e.g., Port of Galveston; Port of Corpus Christi).

Select from the dropdown menu which parts of the infrastructure project are BABA compliant. Options include: Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant, Some Equipment, Housing, Wiring, Cables, and Accessories are BABA Compliant, No, and Not Sure

For the previous column, explain which parts are not compliant or enter N/A.

Select from the dropdown menu how BABA requirements are being met for the infrastructure project. Options include: No - Infrastructure meets all BABA requirements, Yes - EPA's De Minimis Waiver, Yes - EPA's Small Project Waiver, Yes - EPA's Pacific Island Territories General Applicability Waiver, Yes - Project-Level Waiver, and Unsure

Select whether or not the equipment cost includes installation of the EVSE or other EV charger system.

Enter the equipment cost for each unit of the charging infrastructure system.

Enter the EPA funds requested for the equipment in each unit of the EVSE or other EV charging system.

No action - autopopulated

No action - autopopulated

Enter the total amount of funds anticipated for installation of all the units in the charging infrastructure system.

Enter the total amount of EPA funds anticipated for installation of all the units in the charging infrastructure system.

Enter the total amount of funds anticipated for all other eligible expensed related to the charging infrastructure project in this application, including shipping, etc.

Enter the total amount of EPA funds anticipated for all other eligible expenses related to the charging infrastructure project in this application, including shipping, etc.

Describe the items corresponding to the previous two columns.

No action - autopopulated

No action - autopopulated

Select the type of shore power connection, either high-voltage (HVSC) or low-voltage (LVSC).

Select the total voltage provided from the dropdown menu, if listed.

Enter the total voltage service provided if the amount is not listed in the dropdown menu.

Enter the manufacturer of the shore power system.

Enter the model name of the shore power system.

Enter the estimated number of annual vessel calls per berth where the shore power system is to be installed.

Enter the estimated average hotel hours per vessel call per berth where the shore power system is to be installed

Enter the estimated number of vessel berths that may be served by the shore power system.

Enter the maximum power output of the shore power system, measured in kilowatts.

Enter the estimated total annual energy output of the shore power system in megawatt-hours.

Enter the total number of shore power pedestals installed.

Select from the dropdown menu, options which will be populated based on Table 3a of this template.

Select from the dropdown menu, options which will be populated based on Table 3b of this template.

Autopopulates

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Enter the zip code in which the charging equipment will be located.

Select from the dropdown menu which parts of the infrastructure project are BABA compliant. Options include: Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant, Some Equipment, Housing, Wiring, Cables, and Accessories are BABA Compliant, No, and Not Sure

For the previous column, explain which parts are not compliant or enter N/A.

Select from the dropdown menu how BABA requirements are being met for the infrastructure project. Options include: No - Infrastructure meets all BABA requirements, Yes - EPA's De Minimis Waiver, Yes - EPA's Small Project Waiver, Yes - EPA's Pacific Island Territories General Applicability Waiver, Yes - Project-Level Waiver, and Unsure

Enter the equipment cost for each unit of the shore power infrastructure system.

Enter the EPA funds expended for the equipment in each shore power pedestal.

Select whether or not the equipment cost includes installation of the shore power equipment.

Enter the total estimated cost for installation of all the units in the shore power system.

Enter the total amount of EPA funds requested installation of all the units in the shore power system.

Enter the total estimated cost for installation of all the units in the shore power system.

Enter the total amount of EPA funds requested installation of all the units in the shore power system.

Describe the items corresponding to the previous two columns.

No action - autopopulated

No action - autopopulated

No action - autopopulated

No action - autopopulated

Select from the dropdown menu what type of hydrogen fueling station is installed under this project.
Select from the dropdown menu what type of hydrogen storage is installed under this project.
Enter the capacity of the hydrogen storage tank in kilograms.
Enter the manufacturer of the hydrogen dispensing pedestal equipment.
Enter the model name of the hydrogen dispensing pedestal equipment.
Enter the manufacturer of the hydrogen storage tank.
Enter the model name of the hydrogen storage tank.
Enter the manufacturer of the compressor.
Enter the model name of the compressor.
Enter the manufacturer of the cooling system.
Enter the model name of the cooling system.
Enter the estimated amount of total annual hydrogen dispensed from the fueling station in kilograms.

Select the hydrogen generation pathway from the menu provided below. Options include: Steam Reforming - Natural Gas, Steam Reforming with Carbon Capture & Storage - Natural Gas, Methane cracking - Natural Gas, Gasification - Coal, Gasification with Carbon Capture & Storage - Coal, Gasification - Biomass, Gasification with Carbon Capture & Storage - Biomass, Electrolysis - Electric Grid Mix, Electrolysis - Renewable Energy, Fermentation - Biomass, Thermal water splitting - Nuclear, Thermal water splitting - Renewables, Purchased from Vendor, and Unknown

Select from the dropdown menu, options which will be populated based on Table 3a of this template.

Select from the dropdown menu, options which will be populated based on Table 3b of this template.

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Enter the zip code in which the charging equipment hydrogen fueling station will be located.

Select whether or not the hydrogen fueling station serve more than one port area within the project submitted in this application.

Select from the dropdown menu the port area which the charging equipment will primarily serve; options will be populated based on Table 3a of this template.

Enter the name of the other port areas which the hydrogen fueling station will serve. If it will serve multiple secondary port areas, list all and separate with a semicolon (e.g., Port of Galveston; Port of Corpus Christi).

Select from the dropdown menu which parts of the infrastructure project are BABA compliant. Options include: Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant, Some Equipment, Housing, Wiring, Cables, and Accessories are BABA Compliant, No, and Not Sure

For the previous column, explain which parts are not compliant or enter N/A.

Select from the dropdown menu how BABA requirements are being met for the infrastructure project. Options include: No - Infrastructure meets all BABA requirements, Yes - EPA's De Minimis Waiver, Yes - EPA's Small Project Waiver, Yes - EPA's Pacific Island Territories General Applicability Waiver, Yes - Project-Level Waiver, and Unsure

Enter the total estimated cost for acquiring all hydrogen fueling pedestals needed for this project

Enter the total EPA funds requested for acquiring all the hydrogen fueling pedestals needed for this project

Enter the total estimated cost for acquiring additional supporting infrastructure such as tanks, compressors, pipes, cooling systems, etc.

Enter the total EPA funds requested for acquiring additional supporting infrastructure such as tanks, compressors, pipes, cooling systems, etc.

Enter the total estimated cost for installation of all the units in the hydrogen fueling station.

Enter the total amount of EPA funds requested for installation of all the units in the hydrogen fueling station.

Enter the total estimated cost for acquisition and installation of all the units in the hydrogen fueling system.

Enter the total amount of EPA funds requested for acquisition and installation of all the units in the hydrogen fueling system.

Describe the items corresponding to the previous two columns.

No action - autopopulated

No action - autopopulated

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Select from the dropdown menu the renewable source of energy for power generation: solar or wind.
Enter the name of the manufacturer of the solar or wind power generation system.
Enter the model name of the solar or wind power generation system.

Enter the energy generation capacity of the solar or wind power generation system, including the appropriate units (kW or MW).

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Select from the dropdown menu, options which will be populated based on Table 3a of this template.

Select from the dropdown menu, options which will be populated based on Table 3b of this template.

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Enter the zip code in which the solar or wind power generation system will be located.

Select whether or not the solar or wind power generation system serves more than one port area within the project submitted in this application.

Enter the name of the port area in which the solar or wind power generation system will primarily serve.

Enter the name of the other port areas in which the solar or wind power generation system will serve. If it will serve multiple secondary port areas, list all and separate with a semicolon (e.g., Port of Galveston; Port of Corpus Christi).

Select from the dropdown menu which parts of the infrastructure project are BABA compliant. Options include: Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant, Some Equipment, Housing, Wiring, Cables, and Accessories are BABA Compliant, No, and Not Sure

For the previous column, explain which parts are not compliant or enter N/A.

Select from the dropdown menu how BABA requirements are being met for the infrastructure project. Options include: No - Infrastructure meets all BABA requirements, Yes - EPA's De Minimis Waiver, Yes - EPA's Small Project Waiver, Yes - EPA's Pacific Island Territories General Applicability Waiver, Yes - Project-Level Waiver, and Unsure

Enter the total estimated cost for the acquisition of the solar or wind power generation infrastructure system(s)

Enter the EPA funds requested for the acquisition of the solar or wind power generation infrastructure system(s)

Enter the total estimated cost for installation of the solar or wind power generation infrastructure system(s).

Enter the total amount of EPA funds requested for installation of the solar or wind power generation infrastructure system(s).

Enter the total estimated cost for all other eligible expenses related to the solar or wind power generation system(s).

Enter the total amount of EPA funds requested for all other eligible expenses related to the solar or wind power generation system(s).

Describe the items corresponding to the previous two columns.

No action - autopopulated

No action - autopopulated

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Select the type of battery from the dropdown menu; options include: Lithium-ion, lead-acid, Flow, Flywheels, Other, and Not Sure

Enter the manufacturer of the BESS equipment.
Enter the model name of the BESS equipment.

Enter the total energy capacity of the BESS system and indicate the unit of energy (kWh or MWh)

Enter the maximum continuous discharge alternative current power in kW

Enter the maximum continuous discharge direct current power in kW

Enter the number of BESS units installed in this infrastructure project.

Select from the dropdown menu, options which will be populated based on Table 3a of this template.

Select from the dropdown menu, options which will be populated based on Table 3b of this template.

Autopopulates

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Enter the zip code in which the BESS equipment will be located.

Select whether or not the BESS system serves more than one port area within the project submitted in this application.

Enter the name of the port area in which the BESS system will primarily serve.

Enter the name of the other port areas which the BESS system will serve. If it will serve multiple secondary port areas, list all and separate with a semicolon (e.g., Port of Galveston; Port of Corpus Christi).

Select from the dropdown menu which parts of the infrastructure project are BABA compliant. Options include: Yes - Equipment, Housing, Wiring, Cables, and All Accessories are BABA Compliant, Some Equipment, Housing, Wiring, Cables, and Accessories are BABA Compliant, No, and Not Sure

For the previous column, explain which parts are not compliant or enter N/A.

Select from the dropdown menu how BABA requirements are being met for the infrastructure project. Options include: No - Infrastructure meets all BABA requirements, Yes - EPA's De Minimis Waiver, Yes - EPA's Small Project Waiver, Yes - EPA's Pacific Island Territories General Applicability Waiver, Yes - Project-Level Waiver, and Unsure

Enter the equipment cost for each unit of the BESS.

Enter the EPA funds expended for the equipment in each BESS unit.

Autopopulates

Autopopulates

Enter the total estimated cost for installation of BESS.

Enter the total amount of EPA funds requested for installation of BESS.

Enter the total estimated cost for all other eligible BESS-related expenses such as shipping of equipment, etc.

Enter the total amount of EPA funds requested for all other eligible BESS-related expenses such as shipping of equipment, etc.

Describe the items corresponding to the previous two columns.

No action - autopopulated

No action - autopopulated

Select Yes or No from Dropdown

If other infrastructure elements are part of this project, please provide details in the text field on the infrastructure components, cost, and describe how BABA compliance was determined.