

**Semiannual Project and Final Project Reporting Template**

**Burden Statement for EPA Form Number: PFN 5900-721**

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**Instructions**

Per the grant agreement terms and conditions, this reporting template should be submitted 1) semi-annually throughout the project period of performance as described in the program guidance and 2) as a Final Report 120-days after the completion of the grant period. Please work with relevant parties (i.e., transportation contractor, port authority, etc.) to ensure information submitted is accurate. Information that is submitted in semi-annual reports should NOT be changed in future report submissions unless approved by the EPA. Please only update information for the specific period in which this report is being submitted.

The grant recipient only needs to 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.

Please keep the following in mind when working with the Reporting Template to avoid errors:

- When downloading and saving a copy of the file, save the Excel files as '.xlsx' files to ensure optimal performance and functionality.
- For best performance, do not delete any tabs from the workbook, as there are hidden tabs used for auto-populating select fields.
- Be cautious when copy/pasting information into the provided templates, as there may be formula and/or formatting that can be overwritten. When pasting, we recommend pasting only values into the workbook.
- In the event the workbook does not auto-populate as intended, information can be added to the yellow fields manually.
- Recipients may add additional rows to the template by right clicking on the row number and selecting insert (rather than just adding a few cells). Alternatively, recipients may add additional information below the tables in the template.

**If you have questions about applicability of a particular fields or tables, please reach out to your Project Officer and refer to your grant's Terms and Conditions.**

**Table 1: Tab Descriptions**

| Excel Workbook Tab                         | Definition  |
|--|---|
| <b>1. Instructions</b>                     | Basic instructions for all worksheets in this reporting workbook.   |
| <b>2. Recipient &amp; Project Details</b>  | Recipient and project details. All fields are required.   |
| <b>3. Project Partners</b>                 | Partner organizations involved in the project, including all statutory partners and collaborating entities. All fields are required, if applicable.   |
| <b>4. Subawardees</b>                      | Subawardees involved in the project. All fields are required, if applicable.  |
| <b>5. Port Facility Locations</b>          | Project locations that are port/port facilities. All fields are required.   |
| <b>6. Additional Locations</b>             | Any project locations that are <i>not</i> port/port facilities. All fields are required, if applicable.   |
| <b>7. Amendments &amp; Other Revisions</b> | The Amendments & Other Revisions tab should be used to update any changes in vehicle or equipment numbers, charging or fueling infrastructure numbers, planned project activities and/or funding amounts post-award. Please update this tab at least on an annual basis at the end of each year of project performance and at project closeout, <i>even if no changes occur during the performance period</i> .   |
| <b>8. Financial Summary</b>                | Financial summary for the entire grant period of performance. Please only complete shaded cells highlighted <b>blue</b> with a diagonal pattern (///) that contain grantee and original project budget information. Other cells on this worksheet will automatically feed from information in tabs 9-12 (Year 1-Year 4). If a modification to the grant is approved, please update the financial tabs accordingly.  |
| <b>9. Year 1</b>                           | Financial summary for the first year of the project period for <b>all</b> project activities. For each semi-annual report, please complete all financial and narrative descriptive cells highlighted <b>blue</b> with a diagonal pattern (///) for each reporting period required. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please complete the programmatic questions regarding the grant. |

|                               |   |
|-------------------------------|---|
| 10. Year 2                    | Financial summary for the second year of the project period for <b>all</b> project activities, if grant period of performance is longer than one year. For each semi-annual report, please complete all financial and narrative descriptive cells highlighted <b>blue</b> with a diagonal pattern (///) for each reporting period required. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please complete the programmatic questions regarding the grant.  |
| 11. Year 3                    | Financial summary for the third year of the project period for <b>all</b> project activities, if grant period of performance is longer than two years. For each semi-annual report, please complete all financial and narrative descriptive cells highlighted <b>blue</b> with a diagonal pattern (///) for each reporting period required. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please complete the programmatic questions regarding the grant.  |
| 12. Year 4                    | Financial summary for the fourth year of the project period for <b>all</b> project activities, if grant period of performance is longer than three years. For each semi-annual report, please complete all financial and narrative descriptive cells highlighted <b>blue</b> with a diagonal pattern (///) for each reporting period required. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please complete the programmatic questions regarding the grant.   |
| 13. Workplan Commitments      | The tab should be completed based upon community engagement, project sustainability, workforce development, resiliency, and/or leveraging of additional external funds commitments defined in the proposed workplan. Please complete this tab during regular semi-annual reporting periods if the proposed workplan committed to any community engagement, project sustainability, workforce development, resiliency, and/or leveraging of additional external funds commitments as referred to in the evaluation metrics defined in the Notice of Funding Opportunity. During each semi-annual reporting period of the project period of performance, please complete updates on these defined project commitments. The final report submission for the project should contain the end results of community engagement, project sustainability, workforce development, resiliency, and/or leveraging of additional external funds commitments completed during the project period.   |
| 14. Additional External Funds | Summary of external funds leveraged as part of the project in addition to funding provided by the recipient and the EPA.  |
| 15. New Fleet Description     | <p>The New Fleet Description should detail all new vehicles and equipment proposed under the project and should be updated semi-annually with all vehicle upgrades completed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Please refer to the New Fleet Description data definitions on tab 24 (Data Dictionary) for additional guidance on each field. Reminder: All zero emission equipment and vehicles must comply with Build America, Buy America (BABA) requirements.</p> <p><b>Please update the respective annual update tables at the end of each year of project performance and at project closeout.</b> Annual values provided should represent one year (12 consecutive months) of equipment activity. This can be from actual observed activity (preferred), a mix of actual and estimated, or purely estimated.</p> <p>For equipment placed in service during a given project period, please use discretion and provide estimated values for that reporting year. Leave blank for equipment that is not yet in service. A response is required for any equipment placed in service during or before the respective period of performance.</p> |
| 16. Scrappage Information     | The Scrappage Information tab is only required for projects that have made a commitment to scrap and/or otherwise replace vehicles as part of their project plans. This data sheet captures current vehicle and equipment information and links to the New Fleet Description to autopopulate the corresponding 'new' vehicle or equipment. The Scrappage Information tab should be updated semi-annually reflecting completed scrapped project. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Please refer to the data definitions on tab 24 (Data Dictionary) for additional guidance on each field.  |

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| <p><b>17. Infrastructure - EVSE</b></p>        | <p>The Infrastructure - EVSE tab should detail all electric vehicle/vessel supply equipment (EVSE) and zero emission supporting infrastructure purchased under the project. The Infrastructure worksheets should be updated semi-annually as zero emission supporting infrastructure components are procured and installed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Additional rows may be added as needed to capture all supporting infrastructure. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. Reminder: All Level 2 EVSEs must be ENERGY STAR certified. All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.</p> <p>Please update the respective annual update tables at the end of each year of project performance and at project closeout. Annual values provided should represent one year (12 consecutive months) of activity. This can be from actual observed activity (preferred), a mix of actual and estimated, or purely estimated.</p> <p>For infrastructure placed in service during a given project period, please use discretion and provide estimated values for that reporting year. Leave blank for infrastructure that is not yet in service. A response is required for any infrastructure placed in service during or before the respective period of performance.</p> |
| <p><b>18. Infrastructure - Shore Power</b></p> | <p>The Infrastructure - Shore Power tab should detail shore power equipment purchased under the project. The Infrastructure worksheets should be updated semi-annually as zero emission supporting infrastructure components are procured and installed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Additional rows may be added as needed to capture all supporting infrastructure. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. Reminder: All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.</p> <p>Please update the respective annual update tables at the end of each year of project performance and at project closeout. Annual values provided should represent one year (12 consecutive months) of activity. This can be from actual observed activity (preferred), a mix of actual and estimated, or purely estimated.</p> <p>For infrastructure placed in service during a given project period, please use discretion and provide estimated values for that reporting year. Leave blank for infrastructure that is not yet in service. A response is required for any infrastructure placed in service during or before the respective period of performance.</p>   |
| <p><b>19. Infrastructure - Hydrogen</b></p>    | <p>The Infrastructure - Hydrogen tab should detail all hydrogen fueling station equipment purchased under the project. The Infrastructure worksheets should be updated semi-annually as zero emission supporting infrastructure components are procured and installed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Additional rows may be added as needed to capture all supporting infrastructure. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. Reminder: All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.</p> <p>Please update the respective annual update tables at the end of each year of project performance and at project closeout. Annual values provided should represent one year (12 consecutive months) of activity. This can be from actual observed activity (preferred), a mix of actual and estimated, or purely estimated.</p> <p>For infrastructure placed in service during a given project period, please use discretion and provide estimated values for that reporting year. Leave blank for infrastructure that is not yet in service. A response is required for any infrastructure placed in service during or before the respective period of performance.</p>   |

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| <p><b>20. Infrastructure - Power Gen</b></p> | <p>The Infrastructure - On-site Power tab should detail all on-site power generation equipment purchased under the project. The Infrastructure worksheets should be updated semi-annually as zero emission supporting infrastructure components are procured and installed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Additional rows may be added as needed to capture all supporting infrastructure. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. Reminder: All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.</p> <p>Please update the respective annual update tables at the end of each year of project performance and at project closeout. Annual values provided should represent one year (12 consecutive months) of activity. This can be from actual observed activity (preferred), a mix of actual and estimated, or purely estimated.</p> <p>For infrastructure placed in service during a given project period, please use discretion and provide estimated values for that reporting year. Leave blank for infrastructure that is not yet in service. A response is required for any infrastructure placed in service during or before the respective period of performance.</p> |
| <p><b>21. Infrastructure - BESS</b></p>      | <p>The Infrastructure - BESS tab should detail battery energy storage system equipment purchased under the project. The Infrastructure worksheets should be updated semi-annually as zero emission supporting infrastructure components are procured and installed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Additional rows may be added as needed to capture all supporting infrastructure. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. Reminder: All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.</p> <p>Please update the respective annual update tables at the end of each year of project performance and at project closeout. Annual values provided should represent one year (12 consecutive months) of activity. This can be from actual observed activity (preferred), a mix of actual and estimated, or purely estimated.</p> <p>For infrastructure placed in service during a given project period, please use discretion and provide estimated values for that reporting year. Leave blank for infrastructure that is not yet in service. A response is required for any infrastructure placed in service during or before the respective period of performance.</p>         |
| <p><b>22. Infrastructure - Other</b></p>     | <p>The Infrastructure - Other tab should detail any other eligible infrastructure activity funded under the project. The Infrastructure worksheets should be updated semi-annually as zero emission supporting infrastructure components are procured and installed. Please only fill out shaded cells highlighted <b>blue</b> with a diagonal pattern (///). Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. Reminder: All zero emission supporting infrastructure must comply with Build America, Buy America (BABA) requirements.</p>  |
| <p><b>23. Final Report</b></p>               | <p>Final project details including actual programmatic results. Please only complete shaded cells highlighted <b>blue</b> with a diagonal pattern (///).</p>  |
| <p><b>24. Data Dictionary</b></p>            | <p>Please refer to the dictionary on this tab for support in completing the reporting workbook.</p>   |

**U. S. Environmental Protection Agency**  
Clean Ports Program | Zero-Emission Technology Deployment Competition  
**Recipient & Project Details**

**Instructions**

Please enter the requested information in the **blue** shaded cells; **yellow** fields will populate automatically based on inputs from subsequent tabs. Refer to the definitions on Tab 24 (Data Dictionary) for additional guidance on each field in this tab.

**Table 2a: Recipient & Project Details**

|                             | Recipient Address Information |                |                                 |                | Primary Contact      |                        |
|-----------------------------|-------------------------------|----------------|---------------------------------|----------------|----------------------|------------------------|
| Recipient Organization Name | Street                        | City           | State<br>(select from dropdown) | Zip Code       | Name                 | Title/Role             |
| Example: Organization Alpha | Example: Main Street          | Example: Miami | Example: FL                     | Example: 33101 | Example: Ali Raymond | Example: Director of A |
|                             |                               |                |                                 |                |                      |                        |

| Contact Information   |   |  |   |                                |                  |
|-----------------------|---|--|---|--------------------------------|------------------|
| Phone                 | Email                                   | Recipient Type<br>(select from dropdown)<br>(See NOFO Section III.A for details) | Affiliate Port Authority<br>(if applicable) | SAM.gov Unique Entity ID (UEI) | EPA Grant Number |
| Example: 111-111-1234 | Example: firstname.lastname@example.com | Example: Port Authority  | Example: Port Authority                     | Example: #####                 | Example: #####   |
|                       |   |  |   |                                |                  |

|  |                     | <b>Project Period</b><br><i>For Zero-Emission Technology Deployment projects, project periods may be up to four years.</i> |   |  |
|--|---------------------|--|---|--|
| Project Title                              | Project Start Date  | Project End Date   | <b>Short Project Description</b><br><i>Briefly describe your project in one to three sentences only, especially noting the expected outputs and outcomes.</i> |  |
| Example: Clean Port Implementation Project | Example: 01/01/2025 | Example: 12/30/2025  | Example: This project will update and electrify port equipment, reduc   |  |
|  |                     |  |   |  |

|  |  |   |  |  | <b>ZE Technology Deployment Project Scope</b><br>These fields will auto-populate with an X upon completing the linked tabs.<br>Clicking the link will navigate to the respective tab (sheet) for each category of eq |            |            |            |
|--|--|---|--|--|--|------------|------------|------------|
| <b>Total EPA Funding</b><br><i>This value should be consistent with the amount included on the SF-424A in cell 5(e) under Section A - Budget Summary and SF-424 in Section 18.a.</i> | <b>Total Recipient Costs</b><br><i>This value should be consistent with the amount included on the SF-424A in cell 5(f) under Section A - Budget Summary and SF-424 in Section 18.b-e.</i> | <b>Total Project Costs</b><br><i>Sum of Total EPA Funding Requested and Total Recipient Costs</i> | <b>Total Funding for ZE Equipment</b><br><i>This field will auto-populate upon completing the 'Fleet Description' tab.</i> | <b>Total Funding for Charging and/or Fueling Infrastructure</b><br><i>This field will auto-populate upon completing the 'Infrastructure' tabs.</i> | <a href="#">Onroad Vehicles</a> <a href="#">Cargo Handling Eq</a> <a href="#">Locomotive and R</a> <a href="#">Marine and Harbo</a>  |            |            |            |
| Example: \$3,000,000   | Example: \$25,000  | Example: X  | Example: X   | Example: X   | Example: X   | Example: X | Example: X | Example: X |
|  |  | \$  | -  | \$   | -  | \$         | -          |            |



|  |            |            |            |            |            |            |   |
|--|------------|------------|------------|------------|------------|------------|---|
| Equipment & infrastructure   |            |            |            |            |            |            |   |
| <u>Project Features</u> <u>SElectric Vehicle / \Shore Power Infra</u> <u>Hydrogen Fueling</u> <u>Solar and Wind Po</u> <u>Battery Energy Stc</u> <u>Other Infrastructure</u> |            |            |            |            |            |            | <b>Small Water Port Project?</b><br>(See NOFO Section II.B for specifications)<br>(select Yes/No from dropdown) |
| Example: X   | Example: X | Example: X | Example: X | Example: X | Example: X | Example: X | Example: No   |
|  |            |            |            |            |            |            |   |

**Dry Port Project?**  
(See NOFO section I.B. for specifications)  
(select Yes/No from dropdown)

**Does the recipient use LOGINX or any other prohibited logistics platform as described in NOFO Section III.D.?**  
(select Yes/No from dropdown)

**I would like to be contacted by the EPA or its partners about participating in research opportunities to provide vehicle/equipment and/or infrastructure activity data from equipment included in this grant.**  
(select Yes from dropdown if interested)

| Example: No | Example: No | Example: Yes |
|-------------|-------------|--------------|
|             |             |              |

**U. S. Environmental Protection Agency**

Clean Ports Program | Zero-Emission Technology Deployment Competition

### Project Partners

### Instructions

Please enter the requested information in the **blue** shaded cells. Refer to the definitions on Tab 24 (Data Dictionary) for additional guidance on each field in this tab. Users should include, at a minim workplan. You do not need to include recipients of Participant Support Costs. More details about subawardees should be captured in Tab 4 (Subawardees).

Table 3a: Project Partners

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um, all statutory partners and collaborating entities mentioned in the

## Type of Organization

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**U. S. Environmental Protection Agency**  
Clean Ports Program  
**Subawardees (if applicable)**

**Instructions**

Please enter the requested information in the **blue** shaded cells. Refer to the definitions on Tab 24 (Data Dictionary) for additional guidance on each field in this tab

**Table 4. Subawardees (if applicable)**

**Table 4a: Subawardee Profile**

Subawardee Organization Name will auto-populate with Subawardees entered on Table 3 (Column J, 'Is this project partner a subawardee?')

| Subawardee Organization Name       | Subawardee Unique ID<br>(e.g., SAM.gov UEI) | Role in Project<br>(select from dropdown) | Role in Project<br>If Other selected for Role in Project,<br>describe |
|------------------------------------|---|---|---|
| Example: Subawardee Organization 1 | Example: SO1                                | Example: Other                            |   |
| #NAME?                             |   |   |   |
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. To add additional rows to this table, right click on the numbered row and select "Insert Row".

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| Standard Reporting Requirements   |   |  |  |
|---|---|--|--|
| Provide a brief description of the project and an explanation in each cell below.                                 |   |  |  |
| Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance<br>Year 3 | Environmental results the subrecipient achieved<br>Year 3 | Summaries of audit findings and related pass-through entity management decisions<br>Year 3 | Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance<br>Year 3 |
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| Table 4e. Year 4 Project Updates - Subaward Reporting Requirements                        |   |   |  |
|---|---|---|--|
| Please provide subaward information on the project and an explanation in each cell below. |   |   |  |
| Summaries of results of reviews of financial and programmatic reports<br>Year 4           | Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance<br>Year 4 | Environmental results the subrecipient achieved<br>Year 4 | Summaries of audit findings and related pass-through entity management decisions<br>Year 4 |
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**Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance**  
Year 4

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Please enter the requested information in the blue shaded cells; yellow fields will populate automatically based on inputs into guidance on each field in this tab.

For purposes of the Clean Ports Program, a port is either a water port or a dry port, as defined below:  
► **Water port:** places on land alongside navigable water (e.g., oceans, rivers, or lakes) with one or more facilities in close proximity to fishing operations.  
► **Dry port:** an intermodal truck-rail facility that is included in the 2024 Federal Highway Administration's (FHWA) Intermodal modal split, or comprising more than 20 percent of freight volumes handled by any mode within a State.

Table 5: Project Location(s)

Table 5a: Port/Port Facility Location(s)

**Port/Port Facility Name**  
If a port or port facility spans more than one county, please enter a new line for each unique county.

**Project Site ID**

**Port Authority Name (if applicable)**

|                    |                              |                                   |
|--------------------|------------------------------|-----------------------------------|
| Example: Port of X | Example: Project ID          | Example: Port Authority of Port X |
|                    | Primary Place of Performance |                                   |
|                    | 2                            |                                   |
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|                    | 13                           |                                   |
|                    | 14                           |                                   |
|                    | 15                           |                                   |
|                    | 16                           |                                   |
|                    | 17                           |                                   |
|                    | 18                           |                                   |
|                    | 19                           |                                   |
|                    | 20                           |                                   |

U. S. Environmental Protection Agency

Clean Ports Program

Port/Port Facility Location(s)

**Instructions**  
blue cells. To add additional rows to this table, right click on the numbered row and select "Insert Row". Refer to the definition

mity for the loading and unloading of passengers or cargo from ships, ferries, and other commercial vessels. This includes facil  
Connector Database based on meeting the criteria set in 23 CFR 470. These criteria include having more than 50,000 20-foot e

| State<br>(select from dropdown) | County<br>(select from dropdown) | City           |
|---------------------------------|----------------------------------|----------------|
| Example: FL                     | Example: Miami-Dade County       | Example: Miami |
|                                 | please provide state first       |                |
|                                 | please provide state first       |                |
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equivalent units per year or 100 trucks per

*The sum of all the values in column H across both Table 5a on this sheet and Table 6a on the next sheet should equal 100%. Please check values.*

[illegible]

**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?**

Example: No

Example: No

Example: No

Example: Yes

Please enter the requested information in the **blue** shaded cells; **yellow** fields will populate automatically based on inputs into **blue** guidance on each field in this tab.

**Table 6a: Additional Project Locations**

Use this table to identify additional project locations found outside of the ports and port facilities listed in Table 5a.

**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)

|                                |                           |   |
|--------------------------------|---------------------------|---|
| Example: Hialeah Fueling Depot | Example Additional Site A | Example: Port of Miami; Port Everglades |
|                                | Additional Site 1         |   |
|                                | Additional Site 2         |   |
|                                | Additional Site 3         |   |
|                                | Additional Site 4         |   |
|                                | Additional Site 5         |   |
|                                | Additional Site 6         |   |
|                                | Additional Site 7         |   |
|                                | Additional Site 8         |   |
|                                | Additional Site 9         |   |
|                                | Additional Site 10        |   |
|                                | Additional Site 11        |   |
|                                | Additional Site 12        |   |
|                                | Additional Site 13        |   |
|                                | Additional Site 14        |   |
|                                | Additional Site 15        |   |
|                                | Additional Site 16        |   |
|                                | Additional Site 17        |   |
|                                | Additional Site 18        |   |
|                                | Additional Site 19        |   |
|                                | Additional Site 20        |   |

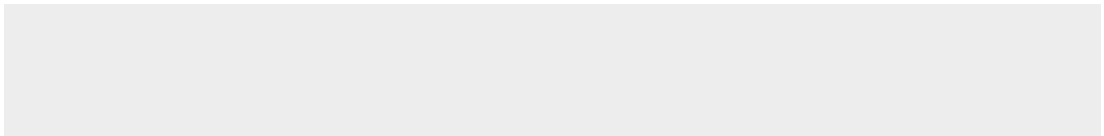
U. S. Environmental Protection Agency  
Clean Ports Program  
Additional Location(s)

**Instructions**  
cells. To add additional rows to this table, right click on the numbered row and select "Insert Row". Refer to the definitions on Tab 2

| State<br>(select from dropdown) | County<br>(select from dropdown) | City           |
|---------------------------------|----------------------------------|----------------|
| Example: FL                     | Example: Miami-Dade County       | Example: Miami |
|                                 | please provide state first       |                |
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|                                 | please provide state first       |                |
|                                 | please provide state first       |                |
|                                 | please provide state first       |                |

The sum of all the values in column H across both Table 5a on the previous sheet and Table 6a on this sheet should equal 100%. Please check values.

[illegible]



|   |  |   |  |
|---|--|---|--|
| <b>Does this county contains a PM2.5 or Ozone Nonattainment Area?</b> | <b>Does this county contains a Severe or Extreme Ozone Nonattainment Area?</b> | <b>Does this county contains a PM2.5 or Ozone Maintenance Area?</b> | <b>Does this county contain an area with High Ambient Diesel PM Concentration?</b> |
|---|--|---|--|

|             |             |             |              |
|-------------|-------------|-------------|--------------|
| Example: No | Example: No | Example: No | Example: Yes |
|             |             |             |              |
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U. S. Environment:  
Clean Por  
Amendments 6

Instri

Please use this tab to indicate any changes in planning activities, vehicle or equipment numbers, number of infrastructure items, an automatically based on inputs into blue cells. Use one row per amendment made; more rows may be added if needed. Fill out this t each field in this tab. This tab includes multiple tables which may require scrolling down or across to access.

Table 7a. Post-Award Amendment and Modification Overview

| Year   | Were there any changes to planning activities, vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in each year of the project period of performance?<br>(Select 'Yes' or 'No' from below; if yes, complete Table 7b) | Number of Amendments and/or Modifications By Year |
|--------|--|---|
| Year 1 | (Yes or No)  | 0   |
| Year 2 | (Yes or No)  | 0   |
| Year 3 | (Yes or No)  | 0   |
| Year 4 | (Yes or No)  | 0   |

Table 7b. Post-Award Amendments and Modifications

| Amendment Number | Update Year<br>(select from dropdown) | Type of Award Modification<br>(select from dropdown) | Short Description of Modification<br>(select from dropdown) |
|------------------|---------------------------------------|--|---|
| Ex 1             | Year 1 Update                         | Formal Amendment                                     | Changes to Zero Emission Vehicle or Equipment Deployment    |
| Ex 2             | Year 1 Update                         | Formal Amendment                                     | Changes to Other Planned Activities                         |
| 1                |                                       |  |   |
| 2                |                                       |  |   |
| 3                |                                       |  |   |
| 4                |                                       |  |   |
| 5                |                                       |  |   |
| 6                |                                       |  |   |
| 7                |                                       |  |   |
| 8                |                                       |  |   |
| 9                |                                       |  |   |
| 10               |                                       |  |   |
| 11               |                                       |  |   |
| 12               |                                       |  |   |
| 13               |                                       |  |   |
| 14               |                                       |  |   |
| 15               |                                       |  |   |

id/or funding amounts post-award. Please enter in the requested information in the **blue** shaded cells; **yellow** fields will populate at the end of each year of project performance. Refer to the definitions on Tab 24 (Data Dictionary) for additional guidance on

[illegible]



|   | Corresponding EPA Funding Changes |                                |                          | Affected Project Areas                                      |
|---|-----------------------------------|--------------------------------|--------------------------|---|
| Updated Quantity of Vehicle, Equipment, Fueling, and/or Charger | Original Funding Request Amount   | Updated Funding Request Amount | Change in Funding Amount | Port or Associated Site Name (from Project Location sheets) |
| Example: 1  | Example: \$100,000                | Example: \$50,000              | Example: -\$50,000       | Example: River Port of State X                              |
| Example: 20   | Example: \$1,250,000              | Example: \$1,300,000           | Example: \$50,000        | Example: River Port of State X                              |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |
|   |                                   |                                | \$ -                     |   |

## & Subawardees

|                               |
|-------------------------------|
| Subawardee<br>(if applicable) |
| N/A                           |
| N/A                           |

**U. S. Environmental Protection Agency**  
Clean Ports Program  
**Financial Summary - Project Lifetime**

**Table 8a. Summary Rate of Expenditure**

Instructions: Record project budget funds only from approved final workplan in the **blue** shaded cells below. All other numbers will reflect automatically after completion of subsequent tabs.

| Financial Summary        | Project Budget<br>EPA Funds | Project Budget<br>Recipient Cost Share | Project Budget<br>Total Project Cost | Total Expenses to Date<br>EPA Funds | Total Expenses to Date<br>Recipient Cost Share | Total Expenses to Date<br>Total Project Cost | Remaining Balance<br>EPA Funds |
|--------------------------|-----------------------------|--|--------------------------------------|-------------------------------------|--|--|--------------------------------|
| Personnel                |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Fringe Benefits          |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Travel                   |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Equipment                |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Supplies                 |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Contractual              |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Construction             |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| Other                    |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| <b>Direct Cost Total</b> | \$ -                        | \$ -                                   | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| <b>Indirect Charges</b>  |                             |  | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |
| <b>TOTALS</b>            | \$ -                        | \$ -                                   | \$ -                                 | \$ -                                | \$ -   | \$ -   | \$ -                           |

**Table 8b. Annual Rate of Expenditure**

No entry needed - all numbers will reflect automatically from subsequent tabs.

| Financial Summary        | Year 1<br>EPA Funds | Year 1<br>Recipient Cost Share | Year 1<br>Total Project Cost | Year 2<br>EPA Funds | Year 2<br>Recipient Cost Share | Year 2<br>Total Project Cost | Year 3<br>EPA Funds |
|--------------------------|---------------------|--------------------------------|------------------------------|---------------------|--------------------------------|------------------------------|---------------------|
| Personnel                | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Fringe Benefits          | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Travel                   | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Equipment                | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Supplies                 | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Contractual              | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Construction             | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| Other                    | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| <b>Direct Cost Total</b> | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| <b>Indirect Charges</b>  | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |
| <b>TOTALS</b>            | \$ -                | \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         | \$ -                |

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| Remaining Balance<br>Recipient Cost Share | Remaining Balance<br>Total Project Cost |
|---|---|
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |
| \$ -                                      | \$ -                                    |

| Year 3<br>Recipient Cost Share | Year 3<br>Total Project Cost | Year 4<br>EPA Funds | Year 4<br>Recipient Cost Share | Year 4<br>Total Project Cost |
|--------------------------------|------------------------------|---------------------|--------------------------------|------------------------------|
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
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| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |
| \$ -                           | \$ -                         | \$ -                | \$ -                           | \$ -                         |

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**Fin**

## Tabl

Record and update project expenses semi-annually, noting the cost at the line item level, following the example budget table included in the [Appendix](#). The report will be automatically based on inputs into blue cells. Previous fields should remain and edits should be made to the report being submitted. To add or remove rows, click the dropdown and populate corresponding new blue cells. Please do not add or remove rows. Funding totals in yellow cells will automatically calculate. This tab includes multiple tables which may require scrolling down to access.

| Category of Expenses<br>(populate additional rows as needed, selecting<br>the appropriate Category of Expenses) | Line Item Description | Jan-Jun 2025<br>EPA Funds |
|---|-----------------------|---------------------------|
| Personnel   |                       |                           |
| Fringe Benefits   |                       |                           |
| Travel  |                       |                           |
| Equipment   |                       |                           |
| Supplies  |                       |                           |
| Contractual   |                       |                           |
| Construction  |                       |                           |
| Other   |                       |                           |
| Indirect Charges  |                       |                           |

← Click + to access additional rows. Please do not insert or delete rows.

|                       |  |    |   |
|-----------------------|--|----|---|
| Direct Cost Total     |  | \$ | - |
| Indirect Charge Total |  | \$ | - |
| <b>TOTAL</b>          |  | \$ | - |

Table 9b. Project Updates - Narrative Record and update project updates l

**Please paste ALL planned activities, outputs, and outcomes from the submitted workplan information.** Provide updates and if any change use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3) Completed. To add additional rows to this table, right-click on the table and select "Insert Row(s)"

**Outputs:** The term "output" means an environmental activity, effort, and/or associated work product related to an environmental goal (may be quantitative or qualitative but must be measurable during an assistance agreement funding period).

**Outcomes:** The term "outcome" means the result, effect or consequence that will occur from carrying out an environmental program or environmental, behavioral, health related, or programmatic in nature, but must also be quantitative. They may not necessarily be achieved.

*For more about outputs and outcomes, see the Notice of Funding Opportunity for this program.*

[illegible]

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**Table 9c. Programmatic and Narrative Updates**  
**Record and update project updates below.**

*Please provide programmatic and narrative updates on the project. As semi-annual reports are submitted, indicate updates or changes for each period. For each period, please indicate if there was a change from the previous period. If yes, please provide an explanation in the subsequent cell.*

| Question  | Jan-Jun 2025 Update | Jul-Dec 2025 Update |
|---|---------------------|---------------------|
| 1. Provide a comparison of actual accomplishments to the objectives established for the reporting period.   |                     |                     |
| 2. If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting project objectives?<br><br>What is your plan to address these problems to ensure that the outputs/outcomes will be met within the period of performance? |                     |                     |
| 3. Have there been any major personnel changes during this reporting period?  |                     |                     |
| 4. Did any public relations events regarding this grant take place during the reporting period?   |                     |                     |
| 5. Are you using websites or other tools used to relay information about this grant to the public?  |                     |                     |
| 6. What project activities are planned for the next reporting period?   |                     |                     |
| 7. Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used.  |                     |                     |

|   |  |  |
|---|--|--|
| 8. Have any vehicles, equipment, infrastructure, or activities changed from those included in the final workplan?           |  |  |
| 9. Provide the list of energy providers, including electric utilities and hydrogen suppliers, used in this reporting period |  |  |
| 10. Do you have any other comments or feedback?   |  |  |

**. S. Environmental Protection Agency**

## Clean Ports Program

### Financial and Narrative Summary - Year 1

#### e 9a. Year 1 Annual Rate of Expenditure

the Notice of Funding Opportunity. Please enter in the requested information in the **blue** shaded cells below; **yellow** fields will populate additional rows in this table, click the box containing "+" on row 60; select the appropriate 'Category of Expense' from the fly update to include added rows.

[illegible]

|      |      |      |      |
|------|------|------|------|
| \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - |

## responses

below.

anges occurred, please provide that information accordingly. In the 'Progress to Date' column, please click on the numbered row to the left of the table and select "Insert."

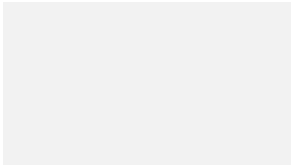
and objective that will be produced or provided over a period of time or by a specified date. Outputs

activity that is related to an environmental or programmatic goal or objective. Outcomes may be measurable within an assistance agreement funding period.

[illegible]



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**Jul-Dec 2025**  
Total Project Cost

|    |   |
|----|---|
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| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |

|    |   |
|----|---|
| \$ | - |
| \$ | - |
| \$ | - |

## Table

Record and update project expenses semi-annually, noting the cost at the line item level, following the example budget table included in the report. Funding will be automatically based on inputs into blue cells. Previous fields should remain and edits should be made to the report being submitted. To add or remove rows, click the dropdown and populate corresponding new blue cells. Please do not add or remove rows. Funding totals in yellow cells will automatically calculate. **This tab includes multiple tables which may require scrolling down to access.**

| Category of Expenses<br>(populate additional rows as needed, selecting the appropriate Category of Expenses) | Line Item Description | Jan-Jun 2026<br>EPA Funds |
|--|-----------------------|---------------------------|
| Fringe Benefits  |                       |                           |
| Travel   |                       |                           |
| Equipment  |                       |                           |
| Supplies   |                       |                           |
| Contractual  |                       |                           |
| Construction   |                       |                           |
| Other  |                       |                           |
| Indirect Charges   |                       |                           |

← Click + to access additional rows. Please do not insert or delete rows.

|                       |           |          |
|-----------------------|-----------|----------|
| Direct Cost Total     | \$        | -        |
| Indirect Charge Total | \$        | -        |
| <b>TOTAL</b>          | <b>\$</b> | <b>-</b> |

**Table 10b. Project Updates - Narrative Re**  
*Record and update project updates be*

**Please paste ALL planned activities, outputs, and outcomes from the submitted workplan information.** Provide updates and if any change use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3) Completed. To add additional rows to this table, right

**Outputs:** The term "output" means an environmental activity, effort, and/or associated work product related to an environmental goal and may be quantitative or qualitative but must be measurable during an assistance agreement funding period.

**Outcomes:** The term “outcome” means the result, effect or consequence that will occur from carrying out an environmental program or a environmental, behavioral, health related, or programmatic in nature, but must also be quantitative. They may not necessarily be achieved.

*For more about outputs and outcomes, see the Notice of Funding Opportunity for this program.*

[illegible]

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**Table 10c. Programmatic and Narrative Updates**  
**Record and update project updates below.**

*Please provide programmatic and narrative updates on the project. As semi-annual reports are submitted, indicate updates or changes for each period. For each period, please indicate if there was a change from the previous period. If yes, please provide an explanation in the subsequent cell.*

| Question  | Jan-Jun 2026 Update | Jul-Dec 2026 Update |
|---|---------------------|---------------------|
| 1. Provide a comparison of actual accomplishments to the objectives established for the reporting period.   |                     |                     |
| 2. If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting project objectives?<br><br>What is your plan to address these problems to ensure that the outputs/outcomes will be met within the period of performance? |                     |                     |
| 3. Have there been any major personnel changes during this reporting period?  |                     |                     |
| 4. Did any public relations events regarding this grant take place during the reporting period?   |                     |                     |
| 5. Are you using websites or other tools used to relay information about this grant to the public?  |                     |                     |
| 6. What project activities are planned for the next reporting period?   |                     |                     |

|  |  |  |
|--|--|--|
| 7. Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used. |  |  |
| 8. Have any vehicles, equipment, infrastructure, or activities changed from those included in the final workplan?  |  |  |
| 9. Provide the list of energy providers, including electric utilities and hydrogen suppliers, used in this reporting period  |  |  |
| 10. Do you have any other comments or feedback?  |  |  |

### S. Environmental Protection Agency

## Clean Ports Program

### Financial and Narrative Summary - Year 2

### 10a. Year 2 Annual Rate of Expenditure

The Notice of Funding Opportunity. Please enter in the requested information in the **blue** shaded cells below; **yellow** fields will populate across additional rows in this table, click the box containing "+" on row 60; select the appropriate 'Category of Expense' from the update to include added rows.

[illegible]

|    |   |    |   |    |   |    |   |
|----|---|----|---|----|---|----|---|
| \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | - | \$ | - | \$ | - | \$ | - |

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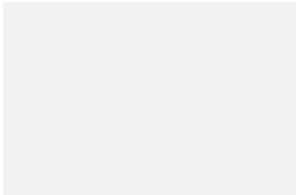
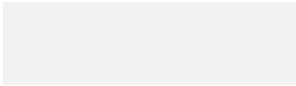
ages occurred, please provide that information accordingly. In the 'Progress to Date' column, please click on the numbered row to the left of the table and select "Insert."

and objective that will be produced or provided over a period of time or by a specified date. Outputs

activity that is related to an environmental or programmatic goal or objective. Outcomes may be measurable within an assistance agreement funding period.

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**Jul-Dec 2026**  
Total Project Cost

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|----|---|
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
| \$ | - |
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| \$ | - |
| \$ | - |
| \$ | - |



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Table 11a. Ye

Record and update project expenses semi-annually, noting the cost at the line item level, following the example budget table included in 1. The report will populate automatically based on inputs into blue cells. Previous fields should remain and edits should be made to the report being submitted. Add new Expense' from the dropdown and populate corresponding new blue cells. Please do not add or remove rows. Funding totals in yellow cells. This tab includes multiple tables which may require scrolling down to access.

| Category of Expenses<br>(populate additional rows as needed, selecting the appropriate Category of Expenses) | Line Item Description | Jan-Jun 2027<br>EPA Funds |
|--|-----------------------|---------------------------|
| Personnel  |                       |                           |
| Fringe Benefits  |                       |                           |
| Travel   |                       |                           |
| Equipment  |                       |                           |
| Supplies   |                       |                           |
| Contractual  |                       |                           |
| Construction   |                       |                           |
| Other  |                       |                           |
| Indirect Charges   |                       |                           |

← Click + to access additional rows. Please do not insert or delete rows.

|                       |           |          |
|-----------------------|-----------|----------|
| Direct Cost Total     | \$        | -        |
| Indirect Charge Total | \$        | -        |
| <b>TOTAL</b>          | <b>\$</b> | <b>-</b> |

Table 11b. Project Updates - Narrative Response

**Record and update project updates below.**

**Please paste ALL planned activities, outputs, and outcomes from the submitted workplan information.** Provide updates and if any change please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3) Completed. To add additional rows to this table

**Outputs:** The term "output" means an environmental activity, effort, and/or associated work product related to an environmental goal and objective. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period.

**Outcomes:** The term "outcome" means the result, effect or consequence that will occur from carrying out an environmental program or a be environmental, behavioral, health related, or programmatic in nature, but must also be quantitative. They may not necessarily be achi

*For more about outputs and outcomes, see the Notice of Funding Opportunity for this program.*

[illegible]

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**Table 11c. Programmatic and Narrative Updates**

**Record and update project updates below.**

Please provide programmatic and narrative updates on the project. As semi-annual reports are submitted, indicate updates or changes for each period. For each period, please indicate if there was a change from the previous period. If yes, please provide an explanation in the subsequent cell.

| Question  | Jan-Jun 2027 Update | Jul-Dec 2027 Update |
|---|---------------------|---------------------|
| 1. Provide a comparison of actual accomplishments to the objectives established for the reporting period.   |                     |                     |
| 2. If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting project objectives?<br><br>What is your plan to address these problems to ensure that the outputs/outcomes will be met within the period of performance? |                     |                     |
| 3. Have there been any major personnel changes during this reporting period?  |                     |                     |
| 4. Did any public relations events regarding this grant take place during the reporting period?   |                     |                     |
| 5. Are you using websites or other tools used to relay information about this grant to the public?  |                     |                     |
| 6. What project activities are planned for the next reporting period?   |                     |                     |
| 7. Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used.  |                     |                     |

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| 8. Have any vehicles, equipment, infrastructure, or activities changed from those included in the final workplan?           |  |  |
| 9. Provide the list of energy providers, including electric utilities and hydrogen suppliers, used in this reporting period |  |  |
| 10. Do you have any other comments or feedback?   |  |  |

The Notice of Funding Opportunity. Please enter in the requested information in the **blue** shaded cells below; **yellow** fields will be updated. To access additional rows in this table, click the box containing "+" on row 60; select the appropriate 'Category of Activity' and the appropriate 'Type of Activity'; the table will automatically update to include added rows.

[illegible]

|    |   |    |   |    |   |    |   |
|----|---|----|---|----|---|----|---|
| \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | - | \$ | - | \$ | - | \$ | - |

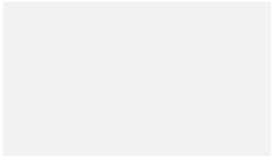
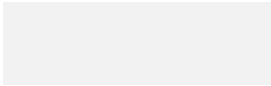
ages occurred, please provide that information accordingly. In the 'Progress to Date' column, le, right click on the numbered row to the left of the table and select "Insert."

nd objective that will be produced or provided over a period of time or by a specified date.

activity that is related to an environmental or programmatic goal or objective. Outcomes may be measurable and verifiable within an assistance agreement funding period.

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|------------------------------------|---|
| Jul-Dec 2027<br>Total Project Cost |   |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |
| \$                                 | - |

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| \$ | - |
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| \$ | - |

Record and update project expenses semi-annually, noting the cost at the line item level, following the example budget table included in the Not populate automatically based on inputs into blue cells. Previous fields should remain and edits should be made to the report being submitted. To from the dropdown and populate corresponding new blue cells. Please do not add or remove rows. Funding totals in yellow cells will automatica This tab includes multiple tables which may require scrolling down to access.

← Click + to access additional rows. Please do not insert or delete rows.

**Table 12b. Project Updates - Narrative Responses**  
*Record and update project updates below.*

*For more about outputs and outcomes, see the Notice of Funding Opportunity for this program.*

EPA Form Number: PFN 5900-721

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**Table 12c. Programmatic and Narrative Updates**

**Record and update project updates below.**

*Please provide programmatic and narrative updates on the project. As semi-annual reports are submitted, indicate updates or changes for each period. For each period, please indicate if there was a change from the previous period. If yes, please provide an explanation in the subsequent cell.*

| <b>Question</b>   | <b>Jan-Jun 2028 Update</b> | <b>Jul-Dec 2028 Update</b> |
|---|----------------------------|----------------------------|
| 1. Provide a comparison of actual accomplishments to the objectives established for the reporting period.   |                            |                            |
| 2. If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting project objectives?<br><br>What is your plan to address these problems to ensure that the outputs/outcomes will be met within the period of performance? |                            |                            |
| 3. Have there been any major personnel changes during this reporting period?  |                            |                            |
| 4. Did any public relations events regarding this grant take place during the reporting period?   |                            |                            |
| 5. Are you using websites or other tools used to relay information about this grant to the public?  |                            |                            |
| 6. What project activities are planned for the next reporting period?   |                            |                            |
| 7. Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used.  |                            |                            |
| 8. Have any vehicles, equipment, infrastructure, or activities changed from those included in the final workplan?   |                            |                            |



|   |  |  |
|---|--|--|
| 9. Provide the list of energy providers, including electric utilities and hydrogen suppliers, used in this reporting period |  |  |
| 10. Do you have any other comments or feedback?   |  |  |

ice of Funding Opportunity. Please enter in the requested information in the **blue** shaded cells below; **yellow** fields will access additional rows in this table, click the box containing "+" on row 60; select the appropriate 'Category of Expense' lly update to include added rows.

[illegible]

|      |      |      |      |      |
|------|------|------|------|------|
| \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - |

that is related to an environmental or programmatic goal or objective. Outcomes may be within an assistance agreement funding period.

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U. S. Environmental Protection Agency  
Clean Ports Program

**Workplan Commitments: Community Engagement, Project Sustainability, Workforce Development, Resiliency, and Leveraging of Additional External Funds**

**Instructions**

Please complete this tab to report on commitments related to community engagement, project sustainability, job quality/workforce development, resiliency, and leveraging of additional external funds, as defined in the Notice of Funding Opportunity. Only cells shaded in **blue** need to be filled out. At the end of each of the sections below, there are cells to provide additional narrative responses, as appropriate. Please ensure all questions are answered; provide both **quantitative** and **qualitative** details. **This tab includes multiple tables which may require scrolling down to access.**

**Table 13a. Project Community Engagement**

| Number | Question   | Answer 1      | Answer 2                          |
|--------|--|---------------|-----------------------------------|
| 1a.    | Did the workplan demonstrate that input was sought prior to application, and the proposed project is responsive to comments and concerns of near-port communities?   | (Y or N)      |                                   |
| 1b.    | If yes, describe the engagement with near-port communities prior to application (who, how, and what was the focus), input received, and how the project is responsive to community concerns.   |               |                                   |
| 2a.    | Engaging communities about the project during the project period is a <u>required</u> term and condition of the award. Describe the plan to meaningfully engage with near-port communities during the project (e.g., who, how, and what is the focus), including any specific activities referenced in the workplan. |               |                                   |
| 2b.    | During which project reporting period(s) did this engagement occur?  |               |                                   |
| 2c.    | What were the outcomes of the engagement?  |               |                                   |
| 3a.    | Did the workplan demonstrate that the recipient or project partner(s) have an established long-term policy or process for meaningful community engagement to both receive input on port operations and projects that impact air quality and to address community concerns?   | (Y or N)      |                                   |
| 3b.    | If not, was there a commitment in the workplan to establish a long-term policy or process before the end of the project period?  | (Y or N)      |                                   |
| 3c.    | If yes to either 3a. or 3b. above, describe the policy or process and steps planned to implement the policy or process by the end of the project period.   |               |                                   |
| 3d.    | To date, has the recipient and/or project partner(s) completed this commitment?  | Select Status | Select Reporting Period Completed |

|     |   |             |  |
|-----|---|-------------|--|
| 4a. | Please provide any additional details and relevant status updates related to project community engagement. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 4b. | Please provide any additional details and relevant status updates related to project community engagement. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 4c. | Please provide any additional details and relevant status updates related to project community engagement. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 4d. | Please provide any additional details and relevant status updates related to project community engagement. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |

| Table 13b. Project Sustainability |   |               |                                   |
|-----------------------------------|---|---------------|-----------------------------------|
| Number                            | Question  | Answer 1      | Answer 2                          |
| 1a.                               | Did the workplan demonstrate that the recipient and/or project partner(s) have a publicly available baseline port mobile source emission inventory for greenhouse gases, PM2.5, and/or NOx that was completed and published after 2019?                     | (Y or N)      |                                   |
| 1b.                               | If no, did the workplan commit to completing an emissions inventory before the end of the project period?   | (Y or N)      |                                   |
| 1c.                               | To date, has the recipient and/or project partner(s) completed this commitment?   | Select Status | Select Reporting Period Completed |
| 1d.                               | Please provide the URL for the emissions inventory.   |               |                                   |
| 2a.                               | Did the workplan demonstrate that the recipient and/or project partner(s) have a publicly available plan, finalized and published after 2019, that includes specific targets to reduce port mobile source emissions of greenhouse gases, PM2.5, and/or NOx? | (Y or N)      |                                   |
| 2b.                               | If no, did the workplan commit to completing a plan before the end of the project period?   | (Y or N)      |                                   |
| 2c.                               | To date, has the recipient and/or project partner(s) completed this commitment?   | Select Status | Select Reporting Period Completed |
| 2d.                               | Please provide the URL for the plan.  |               |                                   |

|     |   |             |  |
|-----|---|-------------|--|
| 3a. | Please provide any additional details and relevant status updates related to project sustainability. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 3b. | Please provide any additional details and relevant status updates related to project sustainability. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 3c. | Please provide any additional details and relevant status updates related to project sustainability. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 3d. | Please provide any additional details and relevant status updates related to project sustainability. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |

| Table 13c. Job Quality/Workforce Development |  |               |                                   |
|--|--|---------------|-----------------------------------|
| Number                                       | Question   | Answer 1      | Answer 2                          |
| 1a.  | Did the workplan demonstrate a commitment to support high quality jobs, including but not limited to training workers on new equipment/infrastructure, ensuring worker safety, worker/labor engagement, and/or pay and benefits? | (Y or N)      |                                   |
| 1b.  | If yes, please describe this commitment.   |               |                                   |
| 1c.  | To date, has the recipient and/or project partner(s) completed this commitment?  | Select Status | Select Reporting Period Completed |
| 2a.  | Did the workplan demonstrate a commitment to expand access to high-quality jobs, including for people in near-port communities?  | (Y or N)      |                                   |
| 2b.  | If yes, please describe this commitment.   |               |                                   |
| 2c.  | To date, has the recipient and/or project partner(s) completed this commitment?  | Select Status | Select Reporting Period Completed |

|     |  |             |  |
|-----|--|-------------|--|
| 3a. | Please provide any additional details and relevant status updates related to job quality/workforce development. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 3b. | Please provide any additional details and relevant status updates related to job quality/workforce development. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 3c. | Please provide any additional details and relevant status updates related to job quality/workforce development. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 3d. | Please provide any additional details and relevant status updates related to job quality/workforce development. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |

| Table 13d. Resiliency |  |               |                                   |
|-----------------------|--|---------------|-----------------------------------|
| Number                | Question   | Answer 1      | Answer 2                          |
| 1a.                   | Did the workplan demonstrate how grant-funded technologies (equipment, vehicles, infrastructure, etc.) will be protected from extreme weather? | (Y or N)      |                                   |
| 1b.                   | If yes, please describe this commitment.   |               |                                   |
| 1c.                   | To date, has the recipient and/or project partner(s) completed this commitment?  | Select Status | Select Reporting Period Completed |

|     |  |             |  |
|-----|--|-------------|--|
| 2a. | Please provide any additional details and relevant status updates related to project resilience to extreme weather. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 2b. | Please provide any additional details and relevant status updates related to project resilience to extreme weather. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 2c. | Please provide any additional details and relevant status updates related to project resilience to extreme weather. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |
| 2d. | Please provide any additional details and relevant status updates related to project resilience to extreme weather. Please use the drop downs under 'Select Year' to indicate which year the update was completed. Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell. | Select Year |  |

**Table 13e. Leveraging of Additional External Funds (part 1)**

*Leveraged funds refers to additional, external funds where an applicant or grantee is providing additional resources to support or complement the project above and beyond the EPA grant funds. Additional information about leveraging external funds should be entered into Tab 14., Table 14a., "Leveraging Additional External Funds (part 2)" where appropriate.*

| Number | Question  | Answer 1 | Answer 2 |
|--------|---|----------|----------|
| 1a.    | Did the workplan demonstrate that the recipient has leveraged or plans to leverage additional external funds (outside of the formal cost share in the award document) in order to support project activities? If no, please go to the next table, "Table 13f. Other." If yes, please complete this section and the following tab. | (Y or N) |          |
| 1b.    | If yes, please describe this commitment, including how these funds will be used to contribute to the performance and success of the project.  |          |          |



|     |   |             |  |
|-----|---|-------------|--|
| 2a. | Please provide any additional details and relevant status updates related to leveraging of additional external funds, including a description of how any secured funds are being used to support proposed project activities and how they are contributing to the performance and success of the project. If any proposed funding was not awarded, use the space provided to indicate plans to make up for these funds. Please use the drop downs under 'Select Year' to indicate which year the update was completed. <i>Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell.</i> | Select Year |  |
| 2b. | Please provide any additional details and relevant status updates related to leveraging of additional external funds, including a description of how any secured funds are being used to support proposed project activities and how they are contributing to the performance and success of the project. If any proposed funding was not awarded, use the space provided to indicate plans to make up for these funds. Please use the drop downs under 'Select Year' to indicate which year the update was completed. <i>Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell.</i> | Select Year |  |
| 2c. | Please provide any additional details and relevant status updates related to leveraging of additional external funds, including a description of how any secured funds are being used to support proposed project activities and how they are contributing to the performance and success of the project. If any proposed funding was not awarded, use the space provided to indicate plans to make up for these funds. Please use the drop downs under 'Select Year' to indicate which year the update was completed. <i>Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell.</i> | Select Year |  |
| 2d. | Please provide any additional details and relevant status updates related to leveraging of additional external funds, including a description of how any secured funds are being used to support proposed project activities and how they are contributing to the performance and success of the project. If any proposed funding was not awarded, use the space provided to indicate plans to make up for these funds. Please use the drop downs under 'Select Year' to indicate which year the update was completed. <i>Note: Do not delete data from prior reports. If providing updates for multiple reporting periods in one year, please indicate all updates in the same cell.</i> | Select Year |  |

| Table 13f. Other |          |        |
|------------------|----------|--------|
| Number           | Question | Answer |

|   |   |  |  |
|---|---|--|--|
| 1 | <b>Other:</b> Please provide any additional details or comments regarding community engagement, project sustainability, job quality, workforce development, resiliency, and/or leveraged additional external funds. |  |  |
|---|---|--|--|

U. S. Environmental Protection Agency  
Clean Ports Program  
*Leveraging Additional External Funds*

Instructions

Please provide updates on proposed or secured additional external funds using the rows below. Updates should refer to additional external funds (outside award document), and should not include recipient cost share. Refer to the following definitions when selecting Status:

- "Not Yet Started:" Funding is proposed but the application process has not yet begun
- "In Progress:" The funding application or selection process is underway, but funds have not been awarded
- "Awarded:" Funding has been officially awarded
- "Not Awarded:" Funding that had been applied for was not awarded

*Note: Please add additional rows as needed.*

**Table 14a. Leveraging Additional External Funds (part 2)**  
Additional information about additional external funds should be included in Table 13e, 'Leveraging of Additional External Funds (part 1)'.

| Source Name | Amount (\$) | Status            |
|-------------|-------------|-------------------|
|             |             | Please Select One |
|             |             | Please Select One |
|             |             | Please Select One |
|             |             | Please Select One |
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le of the formal cost share in the

| Reporting Period Awarded |
|--------------------------|
| Select Reporting Period  |
| Select Reporting Period  |
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U. S. Environmental Protection Agency  
Clean Ports Program | Zero-Emission Technology Deployment Competitions  
New Fleet Description

Instructions

The New Fleet Description should detail all vehicles, vessels, and other mobile source equipment that will be purchased as part of the project. Please **yellow** will populate automatically, and some fields will be hashed out if they are not applicable based on the information entered. Please list ALL ports that do NOT need to make a separate worksheet for each port featured in the project. This Fleet Description is connected to the Scrappage Information (see the Fleet Description data definitions on tab 24 (Data Dictionary) for additional guidance on each field.

Build America, Buy America (BABA) requirements

On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America Act (that on or after May 14, 2022, all of the iron, steel, manufactured products, and construction materials used in a federally-funded infrastructure project that includes the installation, upgrading, or replacement of infrastructure, then BABA applies to the entire infrastructure project. For more information, see the BABA guidance at <https://www.ea.gov/baba>.

Table 15. New Vehicle, Equipment, or Powertrain Information

Table 15a: Vehicle/Equipment Overview

| Vehicle or Equipment<br>(user is encouraged to modify values in this column. This is used to identify equipment when completing other tabs) | Vehicle or Equipment Type<br>(select from dropdown) | Vehicle or Equipment Subtype<br>(select option from dropdown that best matches vehicle or equipment; must select 'Vehicle or Equipment Type' first) | If 'Other/Not Listed' Subtype selected, please describe | Technology Type<br>(select from dropdown; note that new powertrain is not available for onroad sector) |
|---|---|---|---|--|
| Example: New Vehicle  | Example: Onroad                                     | Example: Class 8 - Drayage  |   | Example: New Vehicle/Equipment - Battery Electric  |
| Vehicle/ Equipment 001  |   |   |   |  |
| Vehicle/ Equipment 002  |   |   |   |  |
| Vehicle/ Equipment 003  |   |   |   |  |
| Vehicle/ Equipment 004  |   |   |   |  |
| Vehicle/ Equipment 005  |   |   |   |  |
| Vehicle/ Equipment 006  |   |   |   |  |
| Vehicle/ Equipment 007  |   |   |   |  |
| Vehicle/ Equipment 008  |   |   |   |  |
| Vehicle/ Equipment 009  |   |   |   |  |
| Vehicle/ Equipment 010  |   |   |   |  |
| Vehicle/ Equipment 011  |   |   |   |  |
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BABA), Public Law 117-58, §§ 70901-52, was signed into law. BABA requires that all vessels and facilities that receive EPA award funds for port infrastructure projects are produced in the United States. If the EPA award funds part of a project, please visit <https://www.epa.gov/ports-initiative/cleanports#otaq-baba>

EPA Form Number: PFN 5900-721



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**Table 15d. Powertrain Replacement Details (only to be completed if 'Technology Type' selected is "New Powertrain"; otherwise proceed to Table 15e)**

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A decorative background pattern consisting of a grid of small, light blue squares on a white background, with a vertical strip of darker blue squares running down the center.























A decorative background pattern consisting of a grid of small, light blue squares on a white background, with a vertical strip of darker blue squares running down the center.





















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**U. S. Environmental Protection Agency**  
Clean Ports Program | Zero-Emission Technology Deployment  
**Scrappage Information**

**Instructions**

The Scrappage and/or Disposal Information table should detail all vehicles and pieces of equipment that will be scrapped under the project. populate automatically. This Scrappage Information table is connected to the New Fleet Description (Tab 15), and fields in yellow will autopopulate vehicles or equipment. Please refer to the Data Dictionary for additional guidance on each field.

**Table 16. Current Vehicle or Equipment Committed for Scrappage Information**

**Table 16a. Basic Fleet Information and Place(s) of Performance | Note: Yellow fields for the Basic Fleet Information will Automatically Populate**

| Current Vehicle or Equipment<br>(user is encouraged to modify values in this column. This is used to identify equipment when completing other tabs) | Does this scrapped vehicle or equipment correspond to any New Vehicle or Equipment from 'New Fleet Description' table?<br>(select yes or no from dropdown; if no, proceed to Column AA) | Corresponding New Vehicle, Equipment, or Engine Generally Operating in the Same Area<br>(select 'New Vehicle/Equipment from 'New Fleet Description' table, provided in dropdown) | Affiliated Subaward<br>(if part of subaward; select subaward from dropdown, based on entries into Table 2c) |
|---|---|--|---|
| Example: Old Vehicle  | Example Yes   | Example: New Vehicle 01  | Example: Subaward Organization<br>1   |
| Current Vehicle or Equipment 1  |   |  | #NAME?  |
| Current Vehicle or Equipment 2  |   |  | #NAME?  |
| Current Vehicle or Equipment 3  |   |  | #NAME?  |
| Current Vehicle or Equipment 4  |   |  | #NAME?  |
| Current Vehicle or Equipment 5  |   |  | #NAME?  |
| Current Vehicle or Equipment 6  |   |  | #NAME?  |
| Current Vehicle or Equipment 7  |   |  | #NAME?  |
| Current Vehicle or Equipment 8  |   |  | #NAME?  |
| Current Vehicle or Equipment 9  |   |  | #NAME?  |
| Current Vehicle or Equipment 10   |   |  | #NAME?  |
| Current Vehicle or Equipment 11   |   |  | #NAME?  |
| Current Vehicle or Equipment 12   |   |  | #NAME?  |
| Current Vehicle or Equipment 13   |   |  | #NAME?  |
| Current Vehicle or Equipment 14   |   |  | #NAME?  |
| Current Vehicle or Equipment 15   |   |  | #NAME?  |
| Current Vehicle or Equipment 16   |   |  | #NAME?  |
| Current Vehicle or Equipment 17   |   |  | #NAME?  |
| Current Vehicle or Equipment 18   |   |  | #NAME?  |
| Current Vehicle or Equipment 19   |   |  | #NAME?  |
| Current Vehicle or Equipment 20   |   |  | #NAME?  |
| Current Vehicle or Equipment 21   |   |  | #NAME?  |
| Current Vehicle or Equipment 22   |   |  | #NAME?  |

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| Current Vehicle or Equipment 23 |  |  | #NAME? |
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EPA Form Number: PFN 5900-721





















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Please complete the below table if electric vehicle/vessel supply equipment (EVSE) and other charging equipment and supporting infrastru

For all infrastructure tables, the infrastructure needs to be listed by location of installation as well as primary port area of service. For exar areas, if EVSE are being installed in two different locations, the EVSE needs to appear as two separate EVSE Groups. The Infrastructure wo diagonal pattern (///); additional rows may be added as needed to capture all equipment, and may be accessed by unhiding rows in the t must be ENERGY STAR certified. All infrastructure including EVSE, shore power, hydrogen fueling stations, on-site power generation syster information on BABA.

On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy Am manufactured products, and construction materials used in a federally-funded infrastructure project are produced in the United States. If entire infrastructure project. For more information, please visit <https://www.epa.gov/ports-initiative/cleanports#otaq-baba>

Table 17. Electric Vehicle/Vessel Supply Equipment (EVSE) & Other Electric Charging Equipment (not including vessel shore power for nc  
Table 17a. EVSE & Charger Overview

EVSE Group

(user is encouraged to  
modify values in this  
column. This is used to  
identify equipment  
when completing other  
tabs)

Subawardee (if part of  
subaward)

Type of Charger  
(select from dropdown)

If 'Other' charger type  
selected, describe  
charger type

If Level 2, is it ENERGY STAR  
certified  
(select from dropdown)

| Example: EV<br>Infrastructure | Example: Subawardee<br>Organization 1 | Example: Level 2 | Example: High voltage DC<br>for vessel | Example: Yes |
|-------------------------------|---------------------------------------|------------------|--|--------------|
| EVSE Group 1                  |                                       |                  |  |              |
| EVSE Group 2                  |                                       |                  |  |              |
| EVSE Group 3                  |                                       |                  |  |              |
| EVSE Group 4                  |                                       |                  |  |              |
| EVSE Group 5                  |                                       |                  |  |              |
| EVSE Group 6                  |                                       |                  |  |              |
| EVSE Group 7                  |                                       |                  |  |              |
| EVSE Group 8                  |                                       |                  |  |              |
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Table 17h. Year 1 EVSE Activity Details

| Basis for Expected Useful Life of EVSE or Other EV Charger (e.g., manufacturer data or evidence from prior deployments; warranty information) | Annual Total Energy Dispensed (kWh) | EVSE Annual Percentage Uptime (based on hours) | EVSE Total Annual Number of Charging Sessions Completed |
|---|-------------------------------------|--|---|
|   | Year 1                              | Year 1   | Year 1  |
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**EVSE Annual Percentage Uptime**  
(based on hours)  
Year 3

**EVSE Total Annual Number of Charging Sessions Completed Year 3**

Has the EVSE infrastructure been EVER powered by an internal combustion generator in the past year? (Yes or No)  
Year 3

Type of Annual Values for EVSE Activity Data Reported in Table 14j (select from dropdown)  
Year 3

Example: 95%

Example: 800

Example: No

Example: Estimated based on incomplete observed data



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**Table 17k. Year 4 EVSE Activity Details**



Type of Annual Values for EVSE Activity Data Reported in Table 14k (select from dropdown)  
Year 4

Example: Estimated based on incomplete observed data



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| U. S. Environmental<br>Clean Ports Program   Zero-Emission<br>Infrastructure |
| Instru   |

Please complete the below table if shore power systems were purchased under the project.

For all infrastructure tables, the infrastructure needs to be listed by location of installation as well as primary port area of service. For large port areas, if EVSE are being installed in two different locations, the EVSE needs to appear as two separate EVSE Groups. Each EVSE Group should be assigned a unique name and location. The Infrastructure worksheets should be updated semi-annually as infrastructure are procured and installed. Please only fill out rows that are applicable to the project. Rows that are not applicable should be left blank. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for more information. EVSE systems, and battery energy storage systems (BESS) must comply with Build America, Buy America (BABA) requirements. See below for more information.

|   |
|---|
| Build America, Buy America  |
| On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America provisions, was signed into law. The IIJA requires that iron, steel, manufactured products, and construction materials used in a federally-funded infrastructure project are produced in the United States. If a project is funded by the IIJA, then BABA applies to the entire infrastructure project. For more information, please visit <a href="https://www.epa.gov/ports-initiative/clean-ports">https://www.epa.gov/ports-initiative/clean-ports</a> . |

Table 18. Shore Power Equipment Information

Table 18a. Shore Power Equipment Information

**Shore Power Group**  
(user is encouraged to modify values in this column. This is used to identify equipment when completing other tabs)

**Subawardee** (if part of subaward)

**Type of Shore Power Connection**  
(select from dropdown)

**Total Voltage Service Provided**  
(select from dropdown)

**Total Voltage Service Provided, if not listed**

|                                     |                                    |  |                 |                |
|-------------------------------------|------------------------------------|--|-----------------|----------------|
| Example: Shore Power Infrastructure | Example: Subawardee Organization 1 | Example: High voltage shore power connection | Example: 6.6 kV | Example: 10 kV |
| 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                |                                    |  |                 |                |
| Shore Power Group 11                |                                    |  |                 |                |
| Shore Power Group 12                |                                    |  |                 |                |
| Shore Power Group 13                |                                    |  |                 |                |
| Shore Power Group 14                |                                    |  |                 |                |
| Shore Power Group 15                |                                    |  |                 |                |
| Shore Power Group 16                |                                    |  |                 |                |
| Shore Power Group 17                |                                    |  |                 |                |
| Shore Power Group 18                |                                    |  |                 |                |
| Shore Power Group 19                |                                    |  |                 |                |
| Shore Power Group 20                |                                    |  |                 |                |
| Shore Power Group 21                |                                    |  |                 |                |
| Shore Power Group 22                |                                    |  |                 |                |
| Shore Power Group 23                |                                    |  |                 |                |
| Shore Power Group 24                |                                    |  |                 |                |
| Shore Power Group 25                |                                    |  |                 |                |
| Shore Power Group 26                |                                    |  |                 |                |
| Shore Power Group 27                |                                    |  |                 |                |
| Shore Power Group 28                |                                    |  |                 |                |
| Shore Power Group 29                |                                    |  |                 |                |
| Shore Power Group 30                |                                    |  |                 |                |
| Shore Power Group 31                |                                    |  |                 |                |
| Shore Power Group 32                |                                    |  |                 |                |
| Shore Power Group 33                |                                    |  |                 |                |
| Shore Power Group 34                |                                    |  |                 |                |
| Shore Power Group 35                |                                    |  |                 |                |

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| Shore Power Group 36 |  |  |  |  |
| Shore Power Group 37 |  |  |  |  |
| Shore Power Group 38 |  |  |  |  |
| Shore Power Group 39 |  |  |  |  |
| Shore Power Group 40 |  |  |  |  |
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| Shore Power Group 45 |  |  |  |  |
| Shore Power Group 46 |  |  |  |  |
| Shore Power Group 47 |  |  |  |  |
| Shore Power Group 48 |  |  |  |  |
| Shore Power Group 49 |  |  |  |  |
| Shore Power Group 50 |  |  |  |  |

## | Protection Agency

## Technology Deployment Competition

### Description

## ctions

For example, if Port Area A and Port Area B are procuring the same EVSE, the EVSE will appear as two separate EVSE Groups. Similarly, this row represents a **complete infrastructure system**, cost fields must be inclusive of all major component and sub-component costs. Shaded cells highlighted blue with a diagonal pattern (///): additional rows may be added as needed to capture all equipment, materials, and labor (or for data field definitions). All infrastructure including EVSE, shore power, hydrogen fueling stations, on-site power generation or more information on BABA.

## ica (BABA) requirements

<sup>7</sup> America Act (BABA), Public Law 117-58, §§ 70901-52, was signed into law. BABA requires that on or after May 14, 2022, all of the United States. If the EPA award funds part of a project that includes the installation, upgrading, or replacement of infrastructure, ports#otag-baba



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Table 18b. Location of Shore Power Infrastructure

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**Does the Infrastructure Equipment Cost Include Installation?**  
(select Yes/No from dropdown)

**Total Funds Expended Installation  
Cost for Shore Power Group**

**Total EPA Funds  
Expended Installation  
Cost for Shore Power  
Group**

**Total Funds Expended for All other Eligible Shore Power Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.)**

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Please complete the below table if hydrogen fueling stations were purchased under the project.

For all infrastructure tables, the infrastructure needs to be listed by location of installation as well as primary port area of service. For example, if being installed in two different locations, the EVSE needs to appear as two separate EVSE Groups. The Infrastructure worksheets should include as many rows as needed to capture all equipment, and may be accessed by unhiding rows in the tables below. Please refer to the Infrastructure Worksheet Instructions for more information. Hydrogen fueling stations, and battery energy storage systems (BESS) must comply with Build America, Buy America (BABA) requirements.

Build America

On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America and construction materials used in a federally-funded infrastructure project are produced in the United States. If the EPA award funds provide information, please visit <https://www.epa.gov/ports-initiative/cleanports#otaq-baba>

Table 19. Hydrogen Fueling Station Information

Table 19a. Hydrogen Fueling Station Information Overview

Hydrogen Fueling Station  
(user is encouraged to modify values in this column. This is used to identify equipment when completing other tabs)

Subawardee (if part of subaward)

Type of Station  
(select from dropdown)

Type of Hydrogen Storage  
(select from dropdown)

Refilling Pressure (select from dropdown)

| Example: Hydrogen Fueling Station |  | Example: Gas | Example: Above Ground | Example: H35 |
|-----------------------------------|--|--------------|-----------------------|--------------|
| Hydrogen fueling station 1        |  |              |                       |              |
| Hydrogen fueling station 2        |  |              |                       |              |
| Hydrogen fueling station 3        |  |              |                       |              |
| Hydrogen fueling station 4        |  |              |                       |              |
| Hydrogen fueling station 5        |  |              |                       |              |
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| Hydrogen fueling station 7        |  |              |                       |              |
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| Hydrogen fueling station 9        |  |              |                       |              |
| Hydrogen fueling station 10       |  |              |                       |              |
| Hydrogen fueling station 11       |  |              |                       |              |
| Hydrogen fueling station 12       |  |              |                       |              |
| Hydrogen fueling station 13       |  |              |                       |              |
| Hydrogen fueling station 14       |  |              |                       |              |
| Hydrogen fueling station 15       |  |              |                       |              |
| Hydrogen fueling station 16       |  |              |                       |              |
| Hydrogen fueling station 17       |  |              |                       |              |
| Hydrogen fueling station 18       |  |              |                       |              |
| Hydrogen fueling station 19       |  |              |                       |              |
| Hydrogen fueling station 20       |  |              |                       |              |
| Hydrogen fueling station 21       |  |              |                       |              |
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| Hydrogen fueling station 33       |  |              |                       |              |
| Hydrogen fueling station 34       |  |              |                       |              |



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| Hydrogen fueling station 35 |  |  |  |  |
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| Hydrogen fueling station 49 |  |  |  |  |
| Hydrogen fueling station 50 |  |  |  |  |

## Environmental Protection Agency

## Zero-Emission Technology Deployment Competition

### Infrastructure Description

### Instructions

ample, if Port Area A and Port Area B are procuring the same EVSE, the EVSE will appear as two separate EVSE Groups. Similarly, the EVSE Group will be updated semi-annually as infrastructure are procured and installed. Please only fill out shaded cells highlighted **blue** with infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. All infrastructure including EVSE, shore power, etc. will be included in the BABA. See below for more information on BABA.

### China, Buy America (BABA) requirements

nerica Act (BABA), Public Law 117-58, §§ 70901-52, was signed into law. BABA requires that on or after May 14, 2022, all of the part of a project that includes the installation, upgrading, or replacement of infrastructure, then BABA applies to the entire infra

**Refilling Pressure: If Other, specify below**

**Total Hydrogen Storage Tank Capacity (kg)**

**Total Number of Dispensers**

**Maximum Dispensing Flow  
Rate per Hose (kg/min)**

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ly, for large port areas, if EVSE are diagonal pattern (///); additional  
wer, hydrogen fueling stations, on-

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### Total Funds Expended per H2 Fueling Storage Tank

### Total EPA Funds Expended per H2 Fueling Storage Tank

**Total Funds Expended per H.  
Fueling Compressor / Pump**

## 2 Total EPA Funds Expended per H2 Fueling Compressor / Pump

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**Total Funds Expended per H2 Fueling Cooling (refrigeration and heat exchangers) System**

**Total EPA Funds Expended per H2 Fueling Cooling (refrigeration and heat exchangers) System**

**Total Funds Expended for Remaining H2 Fueling  
Balance of Plant (incl. electrical, controls, and  
other components):**



**Total EPA Funds Expended for Remaining H2  
Fueling Balance of Plant (incl. electrical, controls,  
and other components):**

**Description of H2 Fueling Component Costs for Remaining Balance of Plant**  
(i.e. Describe the components with costs included as remaining balance of plant)

**Total Funds Expended Installation Cost**



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**Total EPA Funds Expended Installation Cost:**

**Total Funds Expended for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.)**

**Total EPA Funds Expended for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.)**

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Table 19k. Expected Useful Life

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**U. S. Environmental Protection Agency**  
Clean Ports Program | Zero-Emission Transportation  
**Infrastructure**

**Instructions**

Please complete the below table if on-site power generation systems were purchased under the project.

For all infrastructure tables, the infrastructure needs to be listed by location of installation as well as primary port area of service. For example, if EVSE are being installed in two different locations, the EVSE needs to appear as two separate EVSE Groups. The Infrastructure worksheets should follow the pattern (//); additional rows may be added as needed to capture all equipment, and may be accessed by unhiding rows in the tables below. Please note that power, hydrogen fueling stations, on-site power generation systems, and battery energy storage systems (BESS) must comply with Build America,

**Build America, Buy America Act**

On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America Act, was signed into law. The Act requires that manufactured products, and construction materials used in a federally-funded infrastructure project are produced in the United States. If the EPA is funding an infrastructure project. For more information, please visit <https://www.epa.gov/ports-initiative/cleanports#otaq-baba>

**Table 20. On-Site Power Generation Equipment Information** | Note: If the on-site power generation includes an energy storage system, inform us in the "Infrastructure - BESS" table.

**Table 20a. On-Site Power Generation Equipment Information**

| On-site Power Generation Unit<br>(user is encouraged to modify values in this column. This is used to identify equipment when completing other tabs) | Subaward (if part of subaward) | Type of energy generation<br>(select from dropdown) | Manufacturer of On-site Power Generation<br>(include both panel and inverter manufacturers) | Model of On-site Power Generation<br>(include both panel and inverter models) |
|--|--------------------------------|---|---|---|
| Example: On-site Power Generation  |                                | Example: Solar                                      | Example: Panels: Great Solar Co; Inverter: Blue Skies Electric Co                           | Example: Panels: model; Inverter: model                                       |
| On-site Power Generation 1   |                                |   |   |   |
| On-site Power Generation 2   |                                |   |   |   |
| On-site Power Generation 3   |                                |   |   |   |
| On-site Power Generation 4   |                                |   |   |   |
| On-site Power Generation 5   |                                |   |   |   |
| On-site Power Generation 6   |                                |   |   |   |
| On-site Power Generation 7   |                                |   |   |   |
| On-site Power Generation 8   |                                |   |   |   |
| On-site Power Generation 9   |                                |   |   |   |
| On-site Power Generation 10  |                                |   |   |   |
| On-site Power Generation 11  |                                |   |   |   |
| On-site Power Generation 12  |                                |   |   |   |
| On-site Power Generation 13  |                                |   |   |   |
| On-site Power Generation 14  |                                |   |   |   |
| On-site Power Generation 15  |                                |   |   |   |
| On-site Power Generation 16  |                                |   |   |   |
| On-site Power Generation 17  |                                |   |   |   |
| On-site Power Generation 18  |                                |   |   |   |
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## Protection Agency

## Technology Deployment Competition

### Description

## itions

Port Area A and Port Area B are procuring the same EVSE, the EVSE will appear as two separate EVSE Groups. Similarly, for large port areas, if updated semi-annually as infrastructure are procured and installed. Please only fill out shaded cells highlighted blue with a diagonal line refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. All infrastructure including EVSE, shore power, Buy America (BABA) requirements. See below for more information on BABA.

### ca (BABA) requirements

t (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 funds part of a project that includes the installation, upgrading, or replacement of infrastructure, then BABA applies to the entire

ition for such system needs to be documented in Table 18 on the next tab, "18.

**Table 20b. On-Site Power Generation Location Details**[illegible]





**Zip Code**

**Street Address**

**Who owns the equipment?**

**Does the On-Site Power Generation serve multiple port facilities?**  
(select Yes/No from dropdown)



**Primary Location Served by On-site Power generation: Associated Ports**  
(select from dropdown)

**Secondary Locations served by On-site power generation: Associated Ports (use a colon between facilities)**



Table 20c. On-Site Power Generation Installation Details



**Date(s) On-Site Power Generation Equipment was Manufactured**  
(Major components only, separated by a semicolon)

Example: equipment: 3/2024; housing: 6/2023





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| <p><b>If No or Partly Compliant, explain</b></p> | <p><b>Is a waiver being used to fulfill BABA compliance for the On-site Power Generation?</b><br/> <i>(select from dropdown)</i></p> | <p><b>If Yes - Other EPA Waiver, explain</b></p> |
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Table 20e. On-Site Power Generation Cost Summary

| Equipment Cost only Per Power Generation System | Total EPA Funds Expended Per Power Generation System | Total Funds Expended Installation Cost | Total EPA Funds Expended Installation Cost |
|---|--|--|--|
|---|--|--|--|

Example: \$45,000.00

Example: \$45,000.00

Example: \$7,000.00

Example: \$5,000.00



| Total Funds Expended for All other Eligible On-Site Power Generation Related Expenses (e.g., Permits, Shipping, etc.) | Total EPA Funds Expended for All other Eligible On-Site Power Generation Related Expenses (e.g., Permits, Shipping, etc.) | Description of Other Eligible On-Site Power Generation Related Expenses |
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Clear

Please complete the below table if battery energy storage systems were purchased under the project.

For all infrastructure tables, the infrastructure needs to be listed by location of installation as well as primary port area of service. For example needs to appear as two separate EVSE Groups. The Infrastructure worksheets should be updated semi-annually as infrastructure are procured tables below. Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. All infrastructure including for more information on BABA.

On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America funded infrastructure project are produced in the United States. If the EPA award funds part of a project that includes the installation, upgrade

**Table 21. Battery Energy Storage System (BESS) Equipment Information**

**Table 21a. BESS Equipment Overview**

BESS Group  
(user is encouraged  
to modify values in  
this column. This is  
used to identify  
equipment when  
completing other  
tabs)

Subawardee (if  
part of subaward)

Manufacturer of BESS

Model of BESS

Manufacture Year of BESS Number of Units

| Example: BESS | Example: | Example: Manufacturer<br>Name | Example: Model<br>Name | Example: 2023 | Example: 2 |
|---------------|----------|-------------------------------|------------------------|---------------|------------|
| 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 |          |                               |                        |               |            |
| BESS Group 11 |          |                               |                        |               |            |
| BESS Group 12 |          |                               |                        |               |            |
| BESS Group 13 |          |                               |                        |               |            |
| BESS Group 14 |          |                               |                        |               |            |
| BESS Group 15 |          |                               |                        |               |            |
| BESS Group 16 |          |                               |                        |               |            |
| BESS Group 17 |          |                               |                        |               |            |
| BESS Group 18 |          |                               |                        |               |            |
| BESS Group 19 |          |                               |                        |               |            |
| BESS Group 20 |          |                               |                        |               |            |
| BESS Group 21 |          |                               |                        |               |            |
| BESS Group 22 |          |                               |                        |               |            |
| BESS Group 23 |          |                               |                        |               |            |
| BESS Group 24 |          |                               |                        |               |            |
| BESS Group 25 |          |                               |                        |               |            |
| BESS Group 26 |          |                               |                        |               |            |
| BESS Group 27 |          |                               |                        |               |            |
| BESS Group 28 |          |                               |                        |               |            |
| BESS Group 29 |          |                               |                        |               |            |
| BESS Group 30 |          |                               |                        |               |            |
| BESS Group 31 |          |                               |                        |               |            |
| BESS Group 32 |          |                               |                        |               |            |
| BESS Group 33 |          |                               |                        |               |            |

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| BESS Group 34 |  |  |  |  |  |
| BESS Group 35 |  |  |  |  |  |
| BESS Group 36 |  |  |  |  |  |
| BESS Group 37 |  |  |  |  |  |
| BESS Group 38 |  |  |  |  |  |
| BESS Group 39 |  |  |  |  |  |
| BESS Group 40 |  |  |  |  |  |
| BESS Group 41 |  |  |  |  |  |
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| BESS Group 45 |  |  |  |  |  |
| BESS Group 46 |  |  |  |  |  |
| BESS Group 47 |  |  |  |  |  |
| BESS Group 48 |  |  |  |  |  |
| BESS Group 49 |  |  |  |  |  |
| BESS Group 50 |  |  |  |  |  |

## U. S. Environmental Protection Agency

an Ports Program | Zero-Emission Technology Deployment Competition

### Infrastructure Description

### Instructions

For Port Area A and Port Area B are procuring the same EVSE, the EVSE will appear as two separate EVSE Groups. Similarly, for large and installed. Please only fill out shaded cells highlighted blue with a diagonal pattern (//); additional rows may be added as needed for EVSE, shore power, hydrogen fueling stations, on-site power generation systems, and battery energy storage systems (BESS) modules.

## Build America, Buy America (BABA) requirements

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, or replacement of infrastructure, then BABA applies to the entire infrastructure project. For more information, please visit <https://www.babact.gov>.

| Total Energy Capacity (MWh) | Maximum Continuous Discharge AC Power (kW) | Maximum Continuous Discharge DC Power (kW) | Battery Chemistry<br>(select from dropdown) |
|-----------------------------|--|--|---|
|-----------------------------|--|--|---|

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ge port areas, if EVSE are being installed in two different locations, the EVSE ded to capture all equipment, and may be accessed by unhiding rows in the list comply with Build America, Buy America (BABA) requirements. See below

el, manufactured products, and construction materials used in a federally-  
ps://www.epa.gov/ports-initiative/cleanports#otaq-baba



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Table 21b. Location of BESS Infrastructure

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Table 21d. BABA Compliance

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**Table 21e. BESS Cost Summary**

| Total Equipment Cost Expended Per Unit Acquisition | Total EPA Funds Expended Per Unit Acquisition |
|--|---|
| 100%   | 100%  |

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| Total Funds Expended for BESS Acquisition | Total EPA Funds Expended for BESS Acquisition | Total Funds Expended Installation Cost |
|---|---|--|
| 1,000,000                                 | 1,000,000                                     | 1,000,000                              |

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**Total EPA Funds Expended Installation Cost**

| Total Funds Expended for All other Eligible BESS Related Expenses (e.g., Permits, Shipping, etc.) | Total EPA Funds Expended for All other Eligible BESS Related Expenses (e.g., Permits, Shipping, etc.) |
|---|---|
|   |   |

**Total EPA Funds Expended for All other Eligible BESS Related Expenses (e.g., Permits, Shipping, etc.)**



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Table 21f. Expected Useful Life

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Table 21g. Year 1 BESS Activity Data

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Table 21j. Year 4 BESS Activity Data

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Type of Annual Values for BESS Activity Data  
Reported in Table 21j (select from dropdown)  
Year 4

Example: Estimated based on incomplete observed data



|   |
|---|
| <div>U. S. Environmental Protection Agency</div> <div>Clean Ports Program   Zero-Emission Technology Deployment Competition</div> <div>Infrastructure Description</div>   |
| Instructions  |
| <p>Please complete the below text response if any other eligible infrastructure activity was funded by this grant.</p> <p>The Infrastructure worksheets should be updated semi-annually as infrastructure are procured and installed. Please only fill out shaded cells highlighted blue with a diagonal pattern (///). Please refer to the Infrastructure data definitions on Tab 24 (Data Dictionary) for data field definitions. All infrastructure including EVSE, shore power, hydrogen fueling stations, on-site power generation systems, and battery energy storage systems (BESS) must comply with Build America, Buy America (BABA) requirements. See below for more information on BABA.</p> |

|   |
|---|
| Build America, Buy America (BABA) requirements  |
| <p>On November 15, 2021, the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build America, Buy America 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, manufactured products, and construction materials used in a federally-funded infrastructure project are produced in the United States. If the EPA award funds part of a project that includes the installation, upgrading, or replacement of infrastructure, then BABA applies to the entire infrastructure project. For more information, please visit <a href="https://www.epa.gov/ports-initiative/cleanports#otaq-baba">https://www.epa.gov/ports-initiative/cleanports#otaq-baba</a></p> |

| Question  | Answer |
|---|--------|
| Are there any other infrastructure projects associated with this grant that are not listed on the previous sheets? (select Yes/No)  |        |
| If no, please leave this section blank. If yes, please provide details in the box below to the right on the infrastructure project and describe how BABA compliance was determined. |        |

U. S. Environ  
Climate  
**Final Report: Fir**

**Table 23a. Project  
Record f**

Please paste all planned activities, outputs, and outcomes from the last interannual report. Please indicate the final results below.  
**This tab includes multiple tables which may require scrolling down to access.**

| Activities | Anticipated Outputs |
|------------|---------------------|
|            |                     |
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|            |                     |
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← Click + to access additional rows to the table above. Please do not insert or delete rows.

U. S. Environ  
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*Final Report: Fir*

Table 23b. Project Updates - Programmatic and Narrative Financial Results of Project



Please provide programmatic and narrative financial results on the project.

| Question   | Answer |
|--|--------|
| 1. Provide a narrative description of the project.   |        |
| 2. Explain the reason for any differences in proposed versus actual outputs/outcomes identified in the table above.  |        |
| 3. Provide a narrative discussion of the actual project results (outputs and outcomes) and how the results are quantified. These may include, but are not limited to:<br><br><i>Example outputs:</i> <ul style="list-style-type: none"><li>- Number of ZE drayage trucks purchased;</li><li>- Number of existing drayage trucks (with internal combustion engines) scrapped;</li><li>- Number and type of infrastructure systems installed;</li><li>- Number of local residents and community-based organizations participating in the design, planning, and performance of the project;</li><li>- Other</li></ul><br><i>Example outcomes:</i> <ul style="list-style-type: none"><li>- Emissions reductions, such as tons of pollution avoided annually or over the lifetime of the drayage trucks;</li><li>- Net reductions in gallons of diesel fuel used annually or over the lifetime of the drayage trucks;</li><li>- Establishment of forums to engage near-port communities;</li><li>- Increased capacity for port staff to consider community perspectives in decision-making;</li><li>- Other</li></ul> |        |

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Climate  
**Final Report: Fir**

|  |  |
|--|--|
| 4. Provide information on subrecipients and vendors:<br>- Sub-recipient information (name, award amount, project description);<br>- Vendor information (name, payment amount, good/services provided);<br>- Utility providers for equipment featured in this project<br>- Hydrogen providers for equipment |  |
| 5. Provide a narrative discussion of the successes and lessons learned for the entire project.   |  |
| 6. If any cost-share or additional leveraged funds are reported, identify the source of the funds.   |  |
| 7. Was any program income generated during the project period? Identify amount of program income, how it was generated, and how the program income was used.   |  |

U. S. Environmental Protection Agency  
Clean Air Act  
Final Report: Final Report

8. For projects involving vehicle/equipment scrappage, please provide:

a) Evidence that the scrapped vehicles/equipment met all ownership, usage, and remaining life requirements described in the program Terms and Conditions. Participating fleet owners must attest to each of these criteria in a signed eligibility statement that includes each equipment make, model, year, vehicle or other unique identification number, odometer/usage meter reading, engine make, model, year, horsepower, engine ID or serial number, and vehicle/equipment/vessel registration/licensing number and state.

b) Evidence that the scrapped vehicles/equipment were scrapped or rendered permanently disabled within two years of being replaced, or before the end of the project performance period, whichever comes first. Vehicles/equipment must be scrapped using the preferred method described in the program Terms and Conditions or another acceptable scrappage method approved by the EPA. *\*Include Attachments as Necessary*

9. Did you include at least one photo of successful, new equipment(s) or vehicle(s) employed? If yes, please indicate if you approve of permission for EPA's future use of the photo(s) in future internal and external documents including, but not limited to Reports to Congress and case studies highlighting Clean Ports Program success stories.

10. Do you have any other comments or feedback?

**Table 23c. Project Updates - Subaward Reporting Requirements (if applicable)**

*Please provide subaward information on the project and an explanation in each cell below.*

| Question | Answer |
|----------|--------|
|----------|--------|

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**Final Report: Fir**

|  |  |
|--|--|
| Did this project feature subawards? If yes, please provide the information requested below.  |  |
| Summaries of results of reviews of financial and programmatic reports  |  |
| Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance  |  |
| Environmental results the subrecipient achieved  |  |
| Summaries of audit findings and related pass-through entity management decisions   |  |
| Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance |  |

Environmental Protection Agency

Clean Ports Program

Financial and Narrative Summary

Project Updates - Narrative Responses

Final project information.

| Anticipated Outcomes | Actual Outputs |
|----------------------|----------------|
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| Actual Outcomes |
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| U. S. Environmental Protection Agency<br>Clean Ports Program   Project Reporting Template Data Dictionary   |  |
|---|--|
| <b>Tab 2. Recipient &amp; Project Details</b>   |  |
| <b>Table 2a: Recipient &amp; Project Details</b>  |  |
| Recipient Organization Name   | Enter Name of Recipient Organization   |
| Recipient Address - Street  | Provide the street name and number of mailing address of Recipient Organization  |
| Recipient Address - City  | Provide the city of mailing address of Recipient Organization  |
| Recipient Address - State (select from dropdown)  | Provide the state of mailing address of Recipient Organization   |
| Recipient Address - Zip Code  | Provide the Zip Code of mailing address of Recipient Organization  |
| Primary Contact Information - Name  | Provide the name of the Primary Contact for this award   |
| Primary Contact Information - Title/Role  | Provide the title or role of the Primary Contact for this award  |
| Primary Contact Information - Phone   | Provide the phone number of the Primary Contact for this award   |
| Primary Contact Information - Email   | Provide the email address of the Primary Contact for this award  |
| Recipient Type<br>(See NOFO Section III.A for details)  | Select from dropdown which of the following options best describes the Recipient: 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                      |
| Affiliate Port Authority<br>(if applicable)   | For Recipients that are not Port Authorities or which have affiliated port authorities, provide the name(s) of the port authorities  |
| SAM.gov Unique Entity ID (UEI)  | Enter the SAM.gov Unique Entity Identification Number for the Recipient  |
| EPA Grant ID Number   | Enter the EPA grant ID number for this award   |
| Project Title   | One descriptive sentence only  |
| Project Period - Project start date   | Enter the project period start date (mm/dd/yyyy)   |
| Project Period - Project end date   | Enter the project period end date (mm/dd/yyyy)   |
| Short Project Description   | Briefly describe your project in one to three sentences only, especially noting the expected outputs and outcomes.   |
| Total EPA Funding   | This value should be consistent with the amount included on the SF-424A in cell 5(e) under Section A - Budget Summary and SF-424 in Section 18.a.  |
| Total Recipient Costs   | This value should be consistent with the amount included on the SF-424A in cell 5(f) under Section A - Budget Summary and SF-424 in Section 18.b-e.  |
| Total Project Costs   | Autopopulates the sum of the EPA Funding Requested and Total Recipient Costs   |
| Total Funding for ZE Equipment  | This field will auto-populate upon completing 'New Fleet Description' tab.   |
| This field will auto-populate upon completing the 'Fleet Description' tab.  |  |
| Total Funding for Charging and/or Fueling Infrastructure  | This field will auto-populate upon completing 'Infrastructure' tabs.   |
| This field will auto-populate upon completing the 'Infrastructure' tabs.  |  |
| ZE Technology Deployment Project Scope - Onroad Vehicles  | These fields will auto-populate with X upon completing 'New Fleet Description' tab.  |
| ZE Technology Deployment Project Scope - Cargo Handling Equipment and Other Nonroad   | These fields will auto-populate with X upon completing 'New Fleet Description' tab.  |
| ZE Technology Deployment Project Scope - Locomotive and Rail  | These fields will auto-populate with X upon completing 'New Fleet Description' tab.  |
| ZE Technology Deployment Project Scope - Marine and Harbor Vessels  | These fields will auto-populate with X upon completing 'New Fleet Description' tab.  |
| ZE Technology Deployment Project Scope - Project Features Scavengage of Equivalent Equipment?   | These fields will auto-populate with X upon completing 'Scavengage Information' tab.   |
| ZE Technology Deployment Project Scope - Electric Vehicle/Vessel Supply Equipment (EVSE)  | These fields will auto-populate with X upon completing 'Electric Vehicle/Vessel Supply Equipment (EVSE)' tab.  |
| ZE Technology Deployment Project Scope - Shore Power Infrastructure   | These fields will auto-populate with X upon completing 'Shore Power Infrastructure' tab.   |
| ZE Technology Deployment Project Scope - Hydrogen Fueling Infrastructure  | These fields will auto-populate with X upon completing 'Hydrogen Fueling Infrastructure' tab.  |
| ZE Technology Deployment Project Scope - Solar and Wind Power Generation  | These fields will auto-populate with X upon completing 'Power Generation' tab.   |
| ZE Technology Deployment Project Scope - Battery Energy Storage System  | These fields will auto-populate with X upon completing 'Battery Energy Storage System' tab.  |
| ZE Technology Deployment Project Scope - Other Infrastructure   | These fields will auto-populate with X upon completing 'Other Infrastructure' tab.   |
| Small Water Port Project?<br>(See NOFO Section II.B for specifications)   | Select Yes or No from dropdown   |
| Dry Port Project?<br>(See NOFO section I.B. for specifications)   | Select Yes or No from dropdown   |
| Does the Recipient use LOGINK or any other prohibited logistics platform as described in NOFO Section III.D.?   | Select Yes or No from dropdown   |
| I would like to be contacted by the EPA or its partners about participating in research opportunities to provide vehicle/equipment and/or infrastructure activity data from equipment included in this grant.                                       | Select from the dropdown menu if you would like the EPA or its partners to contact you about participating in research opportunities related to providing vehicle/equipment and/or infrastructure activity data from equipment included in this grant  |
| <b>Tab 3. Project Partners</b>  |  |
| <b>Table 3a: Project Partners</b>   |  |
| Project Partner Organization Name   | Provide the name(s) of the organizations working in partnership with the recipient on this project   |
| Primary Contact Information for Project Partner(s): Name  | Provide the name(s) of the primary contact at this partner organization  |
| Primary Contact Information for Project Partner(s): Title/Role  | Provide the title or role of the primary contact at this partner organization  |
| Primary Contact Information for Project Partner(s): Email   | Provide the email address of the primary contact at this partner organization  |
| Primary Contact Information for Project Partner(s): Phone   | Provide the phone number of the primary contact at this partner organization   |
| Type of Organization<br>(select from dropdown)  | Select from dropdown which of the following options best describes the partner organization(s): 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; Other |
| Type of Organization<br>if Other selected for Type of Organization, describe  | Enter in a brief description of the type of organization   |
| Nature of Partnership with Recipient<br>(select from dropdown)  | Select from dropdown: Statutory Partner or Collaborating Entity (non-statutory)  |
| Role in Project<br>Describe   | Enter in a brief description of the role this project partner is expected to have  |
| In this partner a subawardee?<br>(select Yes/No from dropdown)  | Select from dropdown to indicate whether the partner organization is a subawardee.   |
| <b>Tab 4. Subawardees</b>   |  |
| <b>Table 4a: Subawardee Profile</b>   |  |
| Subawardee Organization Name  | Provide the name(s) of the organizations receiving subawards as part of this project   |
| Subawardee Unique ID<br>(if applicable)   | Enter a unique ID or number for each subawardee  |
| Role in Project<br>(select from dropdown)   | Select from dropdown: Recipient of funds for ZE equipment deployment; Recipient of funds for ZE Infrastructure deployment; Other   |
| Role in Project<br>if Other selected for 'Role in Project', describe  | Enter in a brief description of the role this project partner is expected to have  |
| Subaward Funding Amount   | Enter funding amount to subawardee   |
| <b>Table 4b, 4c, 4d, 4e. Year X Project Updates - Subaward Reporting Requirements</b>   |  |
| Summaries of results of reviews of financial and programmatic reports   | See supporting program documentation for more details  |
| Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance   | See supporting program documentation for more details  |
| Environmental results the subrecipient achieved   | See supporting program documentation for more details  |
| Summaries of audit findings and related pass-through entity management decisions  | See supporting program documentation for more details  |
| Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance.   | See supporting program documentation for more details  |
| <b>Tab 5. Port Facility Locations</b>   |  |
| <b>Table 5a: Port/Port Facility Location(s)</b>   |  |
| Port/Port Facility Name   | If a port or port facility spans more than one county, please enter a new line for each unique county.   |
| If a port or port facility spans more than one county, please enter a new line for each unique county.  |  |
| Project Site ID   | Prepopulated; used for looking up tables in other tables   |
| Port Authority Name (if applicable)   | Enter in the Port Authority Name associated with this Port or Port Facility, if applicable.  |
| State<br>(select from dropdown)   | Select the state abbreviation from the dropdown list provided  |
| County<br>(select from dropdown)  | 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   |
| City  | Enter in the name of the city in which the Port/Port Facility is located   |
| Description of Project Activity at Port/Port Facility   | Provide a brief comment about which project activity or activities are expected to be completed at this site   |
| Estimate of the Share of Overall Project Activity at this Site<br>(For each project location, enter a value between 0-100% based on the percentage of the total grant activities taking place at that location.)                                    | For each project location, enter a value between 0-100% based on the percentage of the total grant activities taking place at that location. The sum of all the values in column H across both Table 5a on this sheet and Table 6a on the next sheet should equal 100%.  |
| County FIPS Code  | Autopopulates  |
| EPA Region  | Autopopulates  |
| Does this county contains a PM2.5 or Ozone Nonattainment Area?  | Autopopulates  |
| Does this county contains a Severe or Extreme Ozone Nonattainment Area?   | Autopopulates  |
| Does this county contains a PM2.5 or Ozone Maintenance Area?  | Autopopulates  |
| Does this county contain an area with High Ambient Diesel PM Concentration?   | Autopopulates  |
| <b>Tab 6. Additional Locations</b>  |  |
| <b>Table 6a: Additional Project Locations: Use this table to identify additional project locations found outside of the ports and port facilities listed in Table 3a above.</b>   |  |
| Site Name   | If an Additional Site spans more than one county, please enter a new line for each unique county.  |
| If an Additional Site spans more than one county, please enter a new line for each unique county.   |  |
| Project Site ID   | Prepopulated; used for looking up tables in other tables   |
| Port(s)/Port Facilities Served by Location<br>(separate additional ports by semicolon)  | Separate additional ports by semicolon   |
| State<br>(select from dropdown)   | Select the state abbreviation from the dropdown list provided  |
| County<br>(select from dropdown)  | 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   |
| City  | Enter in the name of the city in which the Additional Project Location is located  |
| Description of Project Activity at Site<br>(if known)   | Provide a brief comment about which project activity or activities are expected to be completed at this site   |
| Estimate of the Share of Overall Project Activity at Site<br>(For each project location, enter a value between 0-100% based on the percentage of the total grant activities taking place at that location.)   | For each project location, enter a value between 0-100% based on the percentage of the total grant activities taking place at that location. The sum of all the values in column H across both Table 5a on the previous sheet and Table 6a on this sheet should equal 100%.  |
| County FIPS Code  | Autopopulates  |
| EPA Region  | Autopopulates  |
| Does this county contains a PM2.5 or Ozone Nonattainment Area?  | Autopopulates  |
| Does this county contains a Severe or Extreme Ozone Nonattainment Area?   | Autopopulates  |
| Does this county contains a PM2.5 or Ozone Maintenance Area?  | Autopopulates  |
| Does this county contain an area with High Ambient Diesel PM Concentration?   | Autopopulates  |
| <b>Tab 7. Amendments and Modifications</b>  |  |
| <b>Table 7a. Post-Award Amendment and Modification Overview</b>   |  |
| Were there any changes to planning activities, vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in each year of the project period of performance? (Select 'Yes' or 'No' from below; if yes, complete Table 7b) | Use the dropdown options to select "Yes" or "No". Select yes if, in each year of the project period of performance, there were any changes to planning activities, vehicles or equipment numbers, numbers of infrastructure items, and/or funding amounts.   |
| Number of Amendments and/or Modifications By Year   | No action - autopopulated from Table 7b  |
| Change in Funding Amount by Year  | No action - autopopulated from Table 7b  |
| <b>Table 7b. Post-Award Amendments</b>  |  |
| Update Year<br>(select from dropdown)   | Select the update year for the post-award amendment or modification  |
| Type of Award Modification<br>(select from dropdown)  | Use the dropdown options to select "Formal Amendment" or "Project Officer Notification/Informal Modification" to describe the change to be recorded.   |
| Short Description of Modification (select from dropdown)  | Use the dropdown menu to select from one of the following options to best describe the award or modification to be recorded: "Changes to Zero Emission Fueling and/or Charging Infrastructure Deployment", "Changes to Zero Emission Vehicle or Equipment Deployment", or "Changes to Other Planned Activities"  |

|  |   |
|--|---|
| Briefly Describe the Modification  | In a few phrases, briefly describe the scope of the amendment or modification. Note: specific equipment name or quantity changes and corresponding budget changes may be recorded in the subsequent fields in the table (e.g., columns F-4) |
| Original Vehicle, Equipment, Fueling, and/or Charger Type                | Describe the vehicle or equipment type for the original activity  |
| Updated Vehicle, Equipment, Fueling, and/or Charger Type                 | Describe the vehicle or equipment type for the updated activity   |
| Original Quantity of Vehicle, Equipment, Fueling, and/or Charger         | Enter the quantity of vehicles or equipment types for the original activity   |
| Updated Quantity of Vehicle, Equipment, Fueling, and/or Charger          | Enter the quantity of vehicles or equipment types for the updated activity  |
| Original Funding Request Amount  | Enter the funding request amount for the original activity  |
| Updated Funding Request Amount   | Enter the funding request amount for the updated activity   |
| Change in Funding Amount   | No action - autopopulated   |
| Port/Associated Site Name (from Project Location sheets) (if applicable) | Select the corresponding port or associated site. Selection list auto-populates from Table 5a: Port/Port Facility Location(s)   |
| Enter the affected subawardee details, if applicable                     |   |
| Table 3: Financial Summary   |   |
| Table 3a. Summary Rate of Expenditure                                    |   |
| Project Budget   | This value should be consistent with the amount included on the SF-424A in cell 5(e) under Section A - Budget Summary and SF-424 in Section 18.a.   |
| EPA Funds  |   |
| Project Budget   | This value should be consistent with the amount included on the SF-424A in cell 5(f) under Section A - Budget Summary and SF-424 in Section 18.b-e.   |
| Recipient Cost Share   |   |
| Project Budget   |   |
| Total Project Cost   | Autopopulates   |
| Total Expenses to Date   |   |
| EPA Funds  | Autopopulates   |
| Total Expenses to Date   |   |
| Recipient Cost Share   | Autopopulates   |
| Total Expenses to Date   |   |
| Total Project Cost   | Autopopulates   |
| Remaining Balance  |   |
| EPA Funds  | Autopopulates   |
| Remaining Balance  |   |
| Recipient Cost Share   | Autopopulates   |
| Remaining Balance  |   |
| Total Project Cost   | Autopopulates   |
| Table 3b. Annual Rate of Expenditure                                     |   |
| Year 1   |   |
| EPA Funds  | Autopopulates from completion of respective Year reporting tab  |
| Year 1   |   |
| Recipient Cost Share   | Autopopulates from completion of respective Year reporting tab  |
| Year 1   |   |
| Total Project Cost   | Autopopulates from completion of respective Year reporting tab  |
| Year 2   |   |
| EPA Funds  | Autopopulates from completion of respective Year reporting tab  |
| Year 2   |   |
| Recipient Cost Share   | Autopopulates from completion of respective Year reporting tab  |
| Year 2   |   |
| Total Project Cost   | Autopopulates from completion of respective Year reporting tab  |
| Year 3   |   |
| EPA Funds  | Autopopulates from completion of respective Year reporting tab  |
| Year 3   |   |
| Recipient Cost Share   | Autopopulates from completion of respective Year reporting tab  |
| Year 3   |   |
| Total Project Cost   | Autopopulates from completion of respective Year reporting tab  |
| Year 4   |   |
| EPA Funds  | Autopopulates from completion of respective Year reporting tab  |
| Year 4   |   |
| Recipient Cost Share   | Autopopulates from completion of respective Year reporting tab  |
| Year 4   |   |
| Total Project Cost   | Autopopulates from completion of respective Year reporting tab  |
| Tab 9. Year 1  |   |
| Table 9a. Year 1 Annual Rate of Expenditure                              |   |
| Line Item Description  | Add a plain language description of the expense category  |
| Jan-Jun 2025   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |
| Jan-Jun 2025   | Record project expenses during the given time period; Recipient Cost Share  |
| Recipient Cost Share   |   |
| Jan-Jun 2025   | Autopopulates   |
| Total Project Cost   |   |
| Jul-Dec 2025   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |
| Jul-Dec 2025   | Record project expenses during the given time period; Recipient Cost Share  |
| Recipient Cost Share   |   |
| Jul-Dec 2025   | Autopopulates   |
| Total Project Cost   |   |
| Table 9b. Project Updates - Narrative Responses                          |   |
| Activities   | Paste the planned activities from the submitted workplan information  |
| Anticipated Outputs  | Paste the anticipated outputs from the submitted workplan information   |
| Anticipated Outcomes   | Paste the anticipated outcomes from the submitted workplan information  |
| Progress to Date:  |   |
| Jan-Jun 2025   | Select the status of progress for the planned activity during the given time period   |
| (select from dropdown)   |   |
| Progress to Date:  |   |
| Jul-Dec 2025   | Select the status of progress for the planned activity during the given time period   |
| (select from dropdown)   |   |
| Progress Notes   |   |
| Describe   | Detail any relevant detail for the activity. Include details if any changes have occurred to the activities, outputs, or outcomes   |
| Table 9c. Programmatic and Narrative Updates                             |   |
| Jan-Jun 2025 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Jul-Dec 2025 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Tab 10. Year 2   |   |
| Table 10a. Year 2 Annual Rate of Expenditure                             |   |
| Line Item Description  | Add a plain language description of the expense category  |
| Jan-Jun 2026   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |
| Jan-Jun 2026   | Record project expenses during the given time period; Recipient Cost Share  |
| Recipient Cost Share   |   |
| Jan-Jun 2026   | Autopopulates   |
| Total Project Cost   |   |
| Jul-Dec 2026   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |
| Jul-Dec 2026   | Record project expenses during the given time period; Recipient Cost Share  |
| Recipient Cost Share   |   |
| Jul-Dec 2026   | Autopopulates   |
| Total Project Cost   |   |
| Table 10b. Project Updates - Narrative Responses                         |   |
| Activities   | Paste the planned activities from the submitted workplan information  |
| Anticipated Outputs  | Paste the anticipated outputs from the submitted workplan information   |
| Anticipated Outcomes   | Paste the anticipated outcomes from the submitted workplan information  |
| Progress to Date:  |   |
| Jan-Jun 2026   | Select the status of progress for the planned activity during the given time period   |
| (select from dropdown)   |   |
| Progress to Date:  |   |
| Jul-Dec 2026   | Select the status of progress for the planned activity during the given time period   |
| (select from dropdown)   |   |
| Progress Notes   |   |
| Describe   | Detail any relevant detail for the activity. Include details if any changes have occurred to the activities, outputs, or outcomes   |
| Table 10c. Programmatic and Narrative Updates                            |   |
| Jan-Jun 2026 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Jul-Dec 2026 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Tab 11. Year 3   |   |
| Table 11a. Year 3 Annual Rate of Expenditure                             |   |
| Line Item Description  | Add a plain language description of the expense category  |
| Jan-Jun 2027   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |
| Jan-Jun 2027   | Record project expenses during the given time period; Recipient Cost Share  |
| Recipient Cost Share   |   |
| Jan-Jun 2027   | Autopopulates   |
| Total Project Cost   |   |
| Jul-Dec 2027   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |
| Jul-Dec 2027   | Record project expenses during the given time period; Recipient Cost Share  |
| Recipient Cost Share   |   |
| Jul-Dec 2027   | Autopopulates   |
| Total Project Cost   |   |
| Table 11b. Project Updates - Narrative Responses                         |   |
| Activities   | Paste the planned activities from the submitted workplan information  |
| Anticipated Outputs  | Paste the anticipated outputs from the submitted workplan information   |
| Anticipated Outcomes   | Paste the anticipated outcomes from the submitted workplan information  |
| Progress to Date:  |   |
| Jan-Jun 2027   | Select the status of progress for the planned activity during the given time period   |
| (select from dropdown)   |   |
| Progress to Date:  |   |
| Jul-Dec 2027   | Select the status of progress for the planned activity during the given time period   |
| (select from dropdown)   |   |
| Progress Notes   |   |
| Describe   | Detail any relevant detail for the activity. Include details if any changes have occurred to the activities, outputs, or outcomes   |
| Table 11c. Programmatic and Narrative Updates                            |   |
| Jan-Jun 2027 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Jul-Dec 2027 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Tab 12. Year 4   |   |
| Table 12a. Year 4 Annual Rate of Expenditure                             |   |
| Line Item Description  | Add a plain language description of the expense category  |
| Jan-Jun 2028   | Record project expenses during the given time period; EPA Funds   |
| EPA Funds  |   |



|  |   |
|--|---|
| Jan-Jun 2028<br>Recipient Cost Share   | Record project expenses during the given time period; Recipient Cost Share  |
| Jan-Jun 2028<br>Total Project Cost   | Autopopulates   |
| Jul-Dec 2028<br>EPA Funds  | Record project expenses during the given time period; EPA Funds   |
| Jul-Dec 2028<br>Recipient Cost Share   | Record project expenses during the given time period; Recipient Cost Share  |
| Jul-Dec 2028<br>Total Project Cost   | Autopopulates   |
| <b>Table 12b. Project Updates - Narrative Responses</b>  |   |
| Activities   | Paste the planned activities from the submitted workplan information  |
| Anticipated Outputs  | Paste the anticipated outputs from the submitted workplan information   |
| Anticipated Outcomes   | Paste the anticipated outcomes from the submitted workplan information  |
| Progress to Date:<br>Jan-Jun 2028<br>(select from dropdown)  | Select the status of progress for the planned activity during the given time period   |
| Progress to Date:<br>Jul-Dec 2028<br>(select from dropdown)  | Select the status of progress for the planned activity during the given time period   |
| Progress Notes<br>Describe   | Detail any relevant detail for the activity. Include details if any changes have occurred to the activities, outputs, or outcomes   |
| <b>Table 12c. Programmatic and Narrative Updates</b>   |   |
| Jan-Jun 2028 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| Jul-Dec 2028 Update  | Please provide programmatic and narrative updates on the project during the given time period   |
| <b>Tab 13. Workplan Commitments</b>  |   |
| <b>Table 13a. Project Community Engagement</b>   |   |
| All fields   | Please provide programmatic and narrative updates on the project (open response)  |
| <b>Table 13b. Project Sustainability</b>   |   |
| All fields   | Please provide programmatic and narrative updates on the project (open response)  |
| <b>Table 13c. Job Quality/Workforce Development</b>  |   |
| All fields   | Please provide programmatic and narrative updates on the project (open response)  |
| <b>Table 13d. Resiliency</b>   |   |
| All fields   | Please provide programmatic and narrative updates on the project (open response)  |
| <b>Table 13e. Leveraging of Additional External Funds (part 1)</b>   |   |
| All fields   | Please provide programmatic and narrative financial results on the project (open response)  |
| <b>Table 13f. Other</b>  |   |
| All fields   | Please provide programmatic and narrative updates on the project (open response)  |
| <b>Tab 14. Additional External Funds</b>   |   |
| <b>Table 14a. Leveraging Additional External Funds (part 2)</b>  |   |
| Source Name  | Provide the name(s) of additional funding sources, spelling out all acronyms.   |
| Amount (\$)  | Provide the amount (\$) of additional funding amounts   |
| Status   | Select the status of the funding from the dropdown menu options provided. Not Yet Started; In Progress; Awarded; Not Awarded.   |
| Reporting Period Awarded   | For funding sources that were successfully awarded, select the project period for this project in which the external funding was awarded.   |
| <b>Tab 15. New Fleet Description</b>   |   |
| <b>Table 15. New Vehicle, Equipment, or Engine Information</b>   |   |
| <b>Table 15a: Vehicle/Equipment Overview</b>   |   |
| Vehicle or Equipment Type<br>(select from dropdown)  | Using the dropdown menu, select the equipment type sector from the following options: Onroad, Locomotive_and_Rail, Marine_and_Harbor_Vessels, and Cargo_Handling_Equipment_and_Other_Nonroad  |
| Vehicle or Equipment Subtype<br>(select option from dropdown that best matches vehicle or equipment; must select 'Vehicle or Equipment Type' first)  | Using the dropdown menu, select the option that best matches the vehicle or equipment subtype   |
| If 'Other/Not Listed' Subtype selected, please describe<br>(onroad, cargo handling equipment, and vessels only)  | Describe the vehicle or equipment subtype if 'Other' selected in previous field   |
| Technology Type<br>(select from dropdown; note that new powertrain is not available for onroad sector)   | Using the dropdown menu, select the technology type that best matches the vehicle or equipment  |
| If 'Other' selected for Technology Type, please describe   | Describe the technology type if 'Other' selected in previous field  |
| Fleet Owner  | List the name and/or organization that owns the new vehicle or equipment  |
| Subawardee (if part of subaward)   | List the subawardee, if part of a subaward, for the new vehicle or equipment. Populate tab 4. Subawardees first.  |
| <b>Table 15b: Place(s) of Performance</b>  |   |
| <b>Primary Place of Performance</b>  |   |
| Vehicle or Equipment Operates in Multiple Performance Locations Within this project?<br>(select Yes/No from dropdown)  | Select yes if the vehicle or equipment operates in multiple performance locations within this project   |
| Primary Port or Port Facility<br>(select from dropdown based on Table 5a of this template)   | Select the primary port affected by each vehicle or equipment's operation from the dropdown menu, which will be populated with fields from Table 5a.  |
| If primary location of vehicle/equipment is not at a port or port facility listed in Table 5a, provide the Name of the Additional Project Location as listed in Table 6a<br>(select from dropdown based on Table 6a of this template)                      | If the primary location of the vehicle or equipment's operation is not at a port, provide the primary site affected by each vehicle from the dropdown menu, which will be populated with fields from Table 6a.  |
| Project Site ID  | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| State  | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| County   | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| Percentage of Equipment Operation within the Primary County and/or port location<br>(% of time for nonroad equipment & % of miles driven for onroad equipment; enter a value between 0-100%)   | 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%. Note, entry should be the for percent of time for nonroad equipment and the percent of miles driven for onroad equipment.      |
| City   | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| FIPS Code  | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| <b>Secondary Place of Performance (if applicable)</b>  |   |
| Secondary Port or Port Facility<br>(select from dropdown if vehicle or equipment serves more than one location)  | If there is a secondary place of performance that's also a port where this vehicle or equipment is expected to operate, select the port from the list of options on the dropdown menu, which will be populated with fields from Table 5a.                                 |
| If secondary location of vehicle/equipment is not at a port or port facility, provide the Name of the Additional Project Location<br>(select from dropdown)  | If there is a secondary place of performance that's also not a port where this vehicle or equipment is expected to operate, select the additional location of operation from the list of options on the dropdown menu, which will be populated with fields from Table 6a. |
| Secondary Location Project Site ID   | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| Secondary Location State   | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| Secondary Location County  | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| Percentage of Equipment Operation within Secondary County and/or port location   | 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%.  |
| Secondary Location City  | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| Secondary Location FIPS Code   | No action needed; this field will auto-populate based on the response to the prior fields using the information entered into the Cover Sheet  |
| <b>Additional Location Details (if applicable)</b>   |   |
| Additional Counties where Vehicle Operates   | List the names of the additional counties where the vehicle operates; separate multiple counties using a semicolon  |
| Percentage of Equipment Operation in Each Additional County<br>(% of time for nonroad equipment & % of miles driven for onroad – format multiple responses as (number)%; in county, state abbreviation), and use a semicolon if listing multiple counties) | List the relative share of time each vehicle or equipment operates in the additional counties listed in the field before.<br>Example of desired formatting for multiple additional locations:<br>12% in County1, CA; 5% in County2, CA; 3% in County3, CA                 |
| <b>Table 15c: Details of New Vehicle, Vessel, and/or Equipment</b>   |   |
| Vehicle or Equipment Manufacturer  | Enter the manufacturer of the new vehicle or equipment  |
| Vehicle or Equipment Model   | Enter the model of the new vehicle or equipment   |
| Vehicle or Equipment Model Year  | Enter the model year of the new vehicle or equipment  |
| Vehicle Class<br>(select from dropdown; onroad vehicles only)  | Select from the dropdown menu the Vehicle/Equipment Class for onroad vehicles, as appropriate.  |
| Vehicle GVWR<br>(onroad vehicles only)   | Enter the vehicle's gross vehicle weight rating (only required for Onroad Vehicles)   |
| Powertrain Family Name   | Enter the powertrain family name for the new vehicle or equipment   |
| Vehicle, Equipment, or Vessel Hull Identification Number   | Enter the unique identifier for the vehicles; where applicable, provide a Vehicle Identification Number (VIN), or similar unique vehicle or equipment identifier  |
| Acquisition Cost per Vehicle or Equipment<br>(\$ of Cost per Unit)   | Enter the total cost expended for acquiring this vehicle or equipment   |
| Total EPA Funds Expended Per Vehicle or Equipment Acquisition<br>(\$ of Total Cost per Unit)   | Enter the total EPA funds from this grant expended for acquiring this vehicle or equipment  |
| <b>Table 15d. Powertrain Replacement Details (only to be completed if 'Technology Type' selected is "New Powertrain"; otherwise proceed to Table 15e.)</b>   |   |
| New Powertrain Make and/or Manufacturer  | Enter the manufacturer of the powertrain.   |
| New Powertrain Model   | Enter the model of the powertrain.  |
| New Powertrain Model Year  | Enter the model year of the powertrain.   |
| New Powertrain Horsepower  | Enter the horsepower of the powertrain.   |
| New Powertrain Family Name   | Enter the powertrain family name.   |
| New Powertrain Serial Number   | Enter the engine Serial # of the powertrain.  |
| Number of New Propulsion Units<br>(vessels only)   | Enter the total number of propulsion units on the vessel.   |
| Number of New Auxiliary Units<br>(vessels only)  | Enter the total number of auxiliary units on the vessel.  |
| Total Acquisition Cost per New Powertrain<br>(\$ of Cost per Unit)   | Enter the total cost expended for acquiring each powertrain   |
| EPA Funds Expended for New Powertrain Acquisition<br>(\$ of Cost per Unit)   | Enter the total EPA funds from this grant expended for acquiring each powertrain  |
| Total Funds Expended for Labor related to Powertrain Replacement   | Enter the total cost expended on labor related to this powertrain installation and/or repower   |
| EPA Funds Expended for Labor related to Powertrain Replacement   | Enter the total EPA funds from this grant expended on labor related to this powertrain installation and/or repower  |
| Total Combined Costs for New Engine Acquisition and Labor related to Powertrain Replacement  | No action needed; this field will automatically sum the previously listed acquisition and labor costs listed previously   |
| Total EPA Funds Expended for New Engine Acquisition and Labor related to Powertrain Replacement  | No action needed; this field will automatically sum the previously listed acquisition and labor costs listed previously   |
| <b>Table 15e: Details for Battery Electric Vehicles or Equipment</b>   |   |
| Manufacturer of Battery Pack   | Name of the Battery Manufacturer  |
| Number of Battery Packs  | Number of battery packs on the vehicle. If not known, enter 1.  |
| Battery Capacity per Battery Pack (kWh)  | Listed battery capacity per battery pack; if only entire capacity known, enter that value here, and 1 as the battery pack.  |
| Vehicle or Equipment Total Battery Capacity, (kWh)   | No action needed; This field multiplies the number of battery packs by the capacity per battery pack  |
| Rated Charging Power (kW)  | Enter the rated charging power in kW  |
| Battery Chemistry<br>(select from dropdown)  | Select the chemistry of the installed primary battery for the vehicle or equipment  |
| Battery Chemistry: If Other selected for 'Battery Chemistry', describe   | Enter the chemistry of the installed primary battery. If not provided in the prior field  |
| Vehicle or Equipment Capable of Bidirectional Charging?<br>(select Yes/No/N/A from dropdown)   | Provide information about if the vehicle or equipment is capable of bidirectional charging, by selecting, yes, no, or non applicable, if new vehicle/vessel is not a battery electric.  |
| Estimated Range in Miles<br>(for Onroad Battery Electric only)   | For onroad battery electric vehicles only, enter in the estimated range in miles  |
| Estimated Range in Hours (for Nonroad Battery Electric only)   | For non-road battery electric equipment only, enter the estimated number of hours of operation  |
| <b>Table 15f. Battery Warranty</b>   |   |
| Is the Battery Warranty Included?<br>(select Yes/No from dropdown)   | Using the dropdown menu, select yes or no if a battery warranty is included.  |
| Battery Warranty: Number of Years  | If the battery includes a warranty, indicate the number of years the coverage is valid for  |
| Battery Warranty: Number of Miles  | For onroad battery electric vehicle only - if the battery includes a warranty, indicate the number of miles the coverage is valid for   |
| Battery Warranty: Total MWh of Energy discharge over Warranty Period   | If the battery includes a warranty, indicate the total amount of discharged energy (MWh) the coverage is valid for. 1 MWh = 1,000 kWh   |
| <b>Table 15g. Powertrain Warranty</b>  |   |

|   |  |
|---|--|
| Powertrain Warranty included?<br>(select Yes/No from dropdown)  | Using the dropdown menu, select yes or no if a powertrain warranty is included.  |
| Powertrain Warranty: Number of Years  | If the powertrain includes a warranty, indicate the number of years the coverage is valid for  |
| Powertrain Warranty: Number of Miles  | If the powertrain includes a warranty, indicate the number of miles the coverage is valid for (on-road)  |
| Powertrain Warranty: Number of Hours  | If the powertrain includes a warranty, indicate the number of hours of operation the coverage is valid for (non-road)  |
| Table 15h. Vehicle or Equipment Information - Hydrogen Fuel Cell  |  |
| Manufacturer of Fuel Cell System (if known)   | Name of the fuel cell system manufacturer  |
| Fuel Cell Capacity (kW)   | Maximum output power of fuel cell system in kW   |
| Hydrogen Fuel Tank Capacity (kg)  | Capacity of the vehicle's hydrogen fuel tank in kg   |
| Table 15i. Emergency Power Systems  |  |
| Vehicle or Equipment Equipped with Internal Combustion Engine (ICE) Emergency Power Unit?<br>(select Yes/No from dropdown)  | Select yes or no reflecting the vehicle's capabilities   |
| ICE Emergency Power Type (if not applicable, then NA)   | Describe the engine(s) and circumstances under which emergency power is used   |
| Table 15j. Vehicle or Equipment BABA Details  |  |
| Is the Vehicle or Equipment BABA Compliant?<br>(select from dropdown)   | Using the dropdown, select yes or no if the vehicle or equipment is BABA compliant   |
| If No, explain  | If the vehicle or equipment is not BABA compliant, provide an explanation  |
| Is a waiver being used to fulfill BABA compliance for the Vehicle or Equipment? (select from dropdown)  | Using the dropdown, select yes or no if a waiver is being used to fulfill BABA compliance  |
| If Yes - Other, explain   | If a waiver is being used that is not included in the prior field, describe the waiver   |
| Table 15k. Vehicle or Equipment Expected Useful Life  |  |
| Date in Service for Vehicle or Equipment<br>(mm/dd/yyyy)  | Enter the date that the vehicle or equipment was placed into service and/or commissioned   |
| Expected Useful Life of Vehicle or Equipment: Number of Years   | Enter the expected useful life of the vehicle or equipment in years  |
| Basis for Expected Useful Life of Vehicle or Equipment (e.g., manufacturer data or evidence from prior deployments)   | Describe the basis for the expected useful life entered in the prior field   |
| Table 15l. Performance Monitoring   |  |
| Vehicle or Equipment Equipped with Telematics? (select Yes/No from dropdown)  | Select yes or no reflecting the vehicle's capabilities   |
| If Yes, Name of the Telematics Service Provider   | Provide the name of the telematics service provider in the space provided.   |
| Table 15m. Year 1 Vehicle or Equipment Activity Data and Serving a Port Verification  |  |
| Vehicle/Equipment Annual Hours of Operation   | Enter the average number of hours the equipment operates per year per vehicle (only required for Nonroad equipment)  |
| Share of Hours serving Ports included in Project<br>(for Locomotives, Harbor Craft, Cargo Handling Equipment, and other eligible Non-road Equipment;<br>enter value from 0% to 100%)            |  |
| Vehicle Annual Miles Traveled<br>(miles per vehicle; onroad only)   | Enter the average number of vehicle miles traveled per year per vehicle (only required for Onroad vehicles)  |
| Annual Number of Visits to Ports included in this Project<br>(onroad, locomotive, and marine/ harbor vessels only)  | Enter the annual number of visits to a port location included in this project, for onroad, locomotive, and marine vessels only.  |
| Number of Days Operating at Ports included in Project<br>(locomotive only)  | Enter the number of days operating at a port location included in this project   |
| Type of Annual Values for Vehicle or Equipment Activity Data Reported in Table 15m (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 15n. Year 2 Vehicle or Equipment Activity Data and Serving a Port Verification  |  |
| Vehicle/Equipment Annual Hours of Operation   | Enter the average number of hours the equipment operates per year per vehicle (only required for Nonroad equipment)  |
| Share of Hours serving Ports included in Project<br>(for Locomotives, Harbor Craft, Cargo Handling Equipment, and other eligible Non-road Equipment;<br>enter value from 0% to 100%)            |  |
| Vehicle Annual Miles Traveled<br>(miles per vehicle; onroad only)   | Enter the average number of vehicle miles traveled per year per vehicle (only required for Onroad vehicles)  |
| Annual Number of Visits to Ports included in this Project<br>(onroad, locomotive, and marine/ harbor vessels only)  | Enter the annual number of visits to a port location included in this project, for onroad, locomotive, and marine vessels only.  |
| Number of Days Operating at Ports included in Project<br>(locomotive only)  | Enter the number of days operating at a port location included in this project   |
| Type of Annual Values for Vehicle or Equipment Activity Data Reported in Table 15n (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 15o. Year 3 Vehicle or Equipment Activity Data and Serving a Port Verification  |  |
| Vehicle/Equipment Annual Hours of Operation   | Enter the average number of hours the equipment operates per year per vehicle (only required for Nonroad equipment)  |
| Share of Hours serving Ports included in Project<br>(for Locomotives, Harbor Craft, Cargo Handling Equipment, and other eligible Non-road Equipment;<br>enter value from 0% to 100%)            |  |
| Vehicle Annual Miles Traveled<br>(miles per vehicle; onroad only)   | Enter the average number of vehicle miles traveled per year per vehicle (only required for Onroad vehicles)  |
| Annual Number of Visits to Ports included in this Project<br>(onroad, locomotive, and marine/ harbor vessels only)  | Enter the annual number of visits to a port location included in this project, for onroad, locomotive, and marine vessels only.  |
| Number of Days Operating at Ports included in Project<br>(locomotive only)  | Enter the number of days operating at a port location included in this project   |
| Type of Annual Values for Vehicle or Equipment Activity Data Reported in Table 15o (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 15p. Year 4 Vehicle or Equipment Activity Data and Serving a Port Verification  |  |
| Vehicle/Equipment Annual Hours of Operation   | Enter the average number of hours the equipment operates per year per vehicle (only required for Nonroad equipment)  |
| Share of Hours serving Ports included in Project<br>(for Locomotives, Harbor Craft, Cargo Handling Equipment, and other eligible Non-road Equipment;<br>enter value from 0% to 100%)            |  |
| Vehicle Annual Miles Traveled<br>(miles per vehicle; onroad only)   | Enter the average number of vehicle miles traveled per year per vehicle (only required for Onroad vehicles)  |
| Annual Number of Visits to Ports included in this Project<br>(onroad, locomotive, and marine/ harbor vessels only)  | Enter the annual number of visits to a port location included in this project, for onroad, locomotive, and marine vessels only.  |
| Number of Days Operating at Ports included in Project<br>(locomotive only)  | Enter the number of days operating at a port location included in this project   |
| Type of Annual Values for Vehicle or Equipment Activity Data Reported in Table 15p (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 16. Current Vehicle or Equipment Committed for Scrappage Information  |  |
| Table 16a. Basic Fleet Information and Place(s) of Performance   Note: Yellow fields for the Basic Fleet Information will Automatically Populate upon selecting the corresponding new equipment |  |
| Does this scrapped vehicle or equipment correspond to any New Vehicle or Equipment from 'New Fleet Description' table?<br>(select yes or no from dropdown; if no, proceed to Column AA)         | Select the new vehicle, equipment, or engine from the list, that corresponds with the scrapped vehicle. The list is auto-populated from column A of the New Fleet Description sheet.   |
| Corresponding New Vehicle, Equipment, or Engine Generally Operating in the Same Area<br>(select New Vehicle/Equipment from 'New Fleet Description' table, provided in dropdown)                 |  |
| Affiliated Subawardee<br>(if part of subaward; select subawardee from dropdown, based on entries into Table 4a)   | Enter subawardee details, if applicable to this vehicle or equipment   |
| Vehicle or Equipment Type   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Vehicle or Equipment Subtype  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| If 'Other' location selected, please describe   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Technology Type   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| If 'Other' selected for Technology Type, please describe  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Fleet Owner   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Vehicle or Equipment Operates in Multiple Performance Locations Within this project? (Yes/No)   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Primary Place of Performance  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| If Primary location of vehicle/equipment is not at a port or port facility listed in Table 5a, provide the Name of the Additional Project Location as listed in Table 6a                        | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Project Site ID   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| State   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| County  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Percentage of Time operated in County   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| City  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| PIPS Code   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Secondary Place of Performance (if applicable)  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Secondary Port or Port Facility   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| If Secondary location of vehicle/equipment is not at a port or port facility, provide the Name of the Additional Project Location   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Project Site ID   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| State   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| County  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Percentage of Time operated in County<br>(enter value 0-1, where 1= 100%)   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| City  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| PIPS Code   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Additional Location Details (if applicable)   | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| Additional Counties where Vehicle Operates  | No action needed; this field autopopulates based on responses entered on the New Fleet Description sheet   |
| If this vehicle or equipment does not correspond to a 'New Vehicle/Equipment', provide the state in which this vehicle or equipment primarily operated in.<br>(Select from dropdown.)           | Enter the state which the scrapped vehicle primarily operates.   |
| If this vehicle or equipment does not correspond to a 'New Vehicle/Equipment', provide the county in which this vehicle or equipment primarily operated in.<br>(Select from dropdown.)          | Enter the county which the scrapped vehicle primarily operates.  |
| If this vehicle or equipment does not correspond to a 'New Vehicle/Equipment', provide the city in which this vehicle or equipment primarily operated in.                                       | Enter the City which the scrapped vehicle primarily operates.  |
| Vehicle or Equipment Type<br>(select from dropdown)   | Select a vehicle or equipment type from the dropdown   |
| Vehicle or Equipment Subtype<br>(select option from dropdown that best matches vehicle or equipment; must select 'Vehicle or Equipment Type - first')   | Select the vehicle or equipment subtype. The prior field must be populated first.  |
| If 'Other/Not Listed' Subtype selected, please describe. 2  | If the vehicle or equipment subtype is not listed, please describe with a text description.  |
| Table 16b. Current Vehicle or Equipment Specifications  |  |
| Current Vehicle Class<br>(select from dropdown; onroad vehicles only)   | Enter current vehicle's classification (only required for Onroad Vehicles)   |
| Current Vehicle GVWR<br>(onroad vehicles only)  | Enter current vehicle's gross vehicle weight rating in lbs. (only required for Onroad Vehicles)  |
| Current Vehicle or Equipment Manufacturer   | Enter the manufacturer of the existing vehicle or equipment  |

|  |  |
|--|--|
| Current Vehicle or Equipment Model   | Enter the model of the existing vehicle or equipment   |
| Current Vehicle or Equipment Model Year  | Enter the model year of the existing vehicle or equipment  |
| Current Fuel Type<br>(select from dropdown)  | Select the fuel type of the existing vehicle or equipment  |
| Current Powertrain Family Name   | Enter the name of the existing vehicle's or equipment's powertrain family  |
| Current Vehicle or Equipment Identification Number   | Enter the Serial number or VIN number for each engine or vehicle   |
| Method of Vehicle or Equipment Scrapage<br>(select from dropdown)  | Enter the method the vehicle was disposed of. See Program Guidance for eligible methods of disposal (e.g., scrapage)   |
| If Other Method of Vehicle or Equipment Scrapage, please describe  | If a preferred/eligible disposal (scrapage) method was not used, describe the EPA-approved alternative disposal method that was used   |
| <b>Table 16c. Current Engine Information</b>   |  |
| Current Engine Serial Number(s)  | Enter the engine serial number   |
| Current Engine Make  | Enter the manufacturer of the existing Engine.   |
| Current Engine Model   | Enter the model of the existing Engine.  |
| Current Engine Model Year  | Enter the model year of this engine set.   |
| Current Engine Tier  | Enter the engine tier using the dropdown menu.   |
| Current Engine Horsepower  | Enter the average horsepower of the engine/equipment. (1 hp = 1 kW / 1.341)  |
| Current Engine Cylinder Displacement<br>(select from dropdown; liters/cylinder; marine only)   | Use the dropdown menu to select the engine cylinder displacement   |
| Current Engine Number of Cylinders (# of cylinders per engine; marine only)  | Enter the number of cylinders  |
| Current Engine Total Displacement (liters per engine; marine only)   | Use the dropdown menu to select the engine cylinder displacement   |
| Current Engine Family Name (If unregulated, then N/A)  | Enter the engine family name   |
| Current Engine Fuel Type<br>(select from dropdown)   | Use the dropdown menu to select the fuel type  |
| Total # of Propulsion Engines (per vessel; marine only)  | Enter the number of propulsion engines   |
| Total # of Auxiliary Engines (per vessel; marine only)   | Enter the number of auxiliary engines  |
| Method of Powertrain Scrapage<br>(select from dropdown)  | Select the method of scrapage from the dropdown menu   |
| If Other Method of Powertrain Scrapage, please briefly describe the alternative scrapage plan for this powertrain  | If the method of powertrain scrapage is not available in the prior field, describe the alternative scrapage plan.  |
| <b>Table 16d. Current Annual Vehicle Activity Data &amp; Estimated Remaining Life</b>  |  |
| Annual Amount of Fuel Used (gallons/year per engine)   | Enter the amount of fuel used by current vehicle annually  |
| Annual Usage Hours (hours per year per engine; includes idling hours; nonroad, locomotive, and marine only)  | Enter the amount of hours used by current vehicle annually; limited only to non-road (including cargo-handling equipment), locomotives, and marine vessels only.   |
| Annual Miles Traveled (miles per vehicle; onroad only)   | Enter the amount of miles traveled by current vehicle annually; limited only to on-road vehicles   |
| Annual Idling Hours (hours per engine; on-highway only)  | Enter the amount of idling hours used by current vehicle annually; limited only to on-road (leave blank if vehicle does not track idling hours)  |
| Annual Hoteling Hours (hours per year per engine; class 8 long-haul combination only)  | Enter the amount of hoteling hours by current vehicle annually; limited only to Class 8 long-haul combination on-road trucks only  |
| Remaining Life of Current Engine/Vehicle (years per engine; total # of years of engine life remaining at time of upgrade action)   | Enter the estimated number of years of remaining life of the vehicle or engine.  |
| Type of Annual Values for Equipment/Vehicle Activity Data Reported in Table 16d (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| <b>Tab 17. Infrastructure - EVSE</b>   |  |
| Table 17. Electric Vehicle/Vessel Supply Equipment (EVSE) & Other Electric Charging Equipment (not including vessel shore power for non-electric vessels)                            |  |
| Table 17a. EVSE & Charger Overview   |  |
| Subawardee (if part of subaward)   | List the subawardee, if part of a subaward, for the new vehicle or equipment. Populate tab 4. Subawardees first.   |
| Type of charger<br>(select from dropdown)  | 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).  |
| If "Other" charger type selected, describe charger type  | Enter a brief description of the type of EVSE, if "Other" was selected in the prior field.   |
| If Level 2, is it ENERGY STAR certified<br>(select from dropdown)  | Confirm and select yes if applicable. Please see <a href="https://www.energystar.gov/">https://www.energystar.gov/</a>   |
| EVSE or other EV charger Manufacturer  | Enter the manufacturer of the charging equipment   |
| EVSE or other EV charger Model   | Enter the model name of the charging equipment.  |
| EVSE or other EV charger Manufacture Year  | Enter the year the charging equipment was manufactured.  |
| EVSE or Other EV Charger Maximum Output Power (kW)   | Enter the maximum power output of the charging equipment, measured in kilowatts.   |
| Number of Plugs on EVSE or other EV charger  | Enter the number of plugs installed on each unit of the charging equipment.  |
| Is the EVSE or Other EV Charger Capable of Bidirectional Charging?<br>(select Yes/No from dropdown)  | Select yes or no into the cell to specify whether the charging equipment is capable of bidirectional charging.   |
| Will the Vehicle/Equipment and EVSE or Other EV Charger be Used for Vehicle to Grid (V2G)?<br>(select Yes/No from dropdown)  | Select yes or no into the cell to specify whether the vehicles/equipment and charging equipment will be used for vehicle-to-grid (V2G) services.   |
| Number of EVSE or other EV Charger Units   | Enter the quantity of charging equipment unit  |
| Table 17b. Location of Charging Infrastructure   |  |
| State<br>(select from dropdown)  | Select the two letter postal code for the state in which the charging equipment will be located.   |
| County<br>(select from dropdown)   | Enter the county in which the charging equipment will be located.  |
| City   | Enter the city in which the charging equipment will be located.  |
| Zip Code   | Enter the zip code in which the charging equipment will be located.  |
| Street Address of Charger(s)   | Enter the street address in which the charging equipment will be located.  |
| Who owns the charger?  | Enter the name of the port or organization that owns the charger equipment.  |
| Does the EVSE or Other EV Charger serve multiple port facilities?<br>(select Yes/No from dropdown)   | Select whether or not the charging equipment serve more than one port area within the project submitted in this award.   |
| Primary Port Served by EVSE and/or EV Charger (select from dropdown)   | Enter the name of the port area in which the charging equipment will primarily serve.  |
| Secondary Locations served by EVSE and/or EV Charger (use semicolon to separate between multiple port locations)   | 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).   |
| Table 17c. Charging Management Service & Strategy Details  |  |
| Does the EVSE use a charge management strategy? (select Yes/No from dropdown)  | Select yes if a charge management strategy is being used for this EVSE, or if this EVSE is a part of managed charging.   |
| If Yes to previous field, please describe the charge management strategy(-ies) used.   | Describe the charge management strategies being used. Potential responses may include: Shared charger optimization (between multiple chargers); Scheduled charging / time of use; Reduced charging rates. Note if the charge management strategy involves a utility program.   |
| Name of Charging Management Service Provider   | Enter the name of the charging management service provider.  |
| Does the Infrastructure Equipment Cost Include Charging Management Service?<br>(select Yes/No from dropdown)   | Select whether or not the equipment cost includes the cost of the charging management service.   |
| If Charging Management Service not included in cost, but is acquired, what is the cost and frequency of charges?   | If Charging Management Service not included in the grant cost, but is acquired, what is the cost and frequency of charges paid by the award recipient.   |
| Table 17d. Infrastructure Installation Information   |  |
| Description of Installation Work, including all equipment installed  | Describe the work done during installation, including all equipment that became part of the installed EVSE or other EV charging system.  |
| Installation Work Performed By   | List the name of the company (or companies) performing the installation of the EVSE or other EV charging system.   |
| Was installation conducted by an individual who meets the infrastructure electrician requirements as outlined in the program guidance? If Yes, indicate who issued the certification | Describe if the installation was conducted by an individual who meets the electrician requirements. If yes, list the certification(s)  |
| Date EVSE or Other EV Charger was Manufactured (mm/dd/yyyy)  | Enter the date (or date range) the EVSE or other EV charging system was manufactured.  |
| Date of EVSE or Other EV Charger Installation (mm/dd/yyyy)   | Enter the date (or date range) the charger system was installed.   |
| Date EVSE or Other EV Charger Commissioned (mm/dd/yyyy)  | Enter the date by which the charger system became fully operational.   |
| Table 17e. EVSE BABA Details   |  |
| Is the EVSE and Other EV Infrastructure BABA Compliant?<br>(select from dropdown)  | Select from the dropdown menu which parts of the infrastructure project are BABA compliant.  |
| If No or Partly Compliant, explain   | For the previous column, explain which parts are not compliant.  |
| Is a waiver being used to fulfill BABA compliance for this infrastructure?<br>(select from dropdown)   | Select from the dropdown menu how BABA requirements are being met for the infrastructure project.  |
| If Yes - Other EPA Waiver, explain   | If a waiver is being used that is not included in the prior field, describe the waiver   |
| Table 17f. EVSE Cost Summary   |  |
| Does the Infrastructure Equipment Cost Include Installation?<br>(select Yes/No from dropdown)  | Select whether or not the equipment cost includes installation of the EVSE or other EV charger system.   |
| EVSE or Other EV Charger Equipment Cost Per Unit   | Enter the equipment cost for each unit of the charging infrastructure system.  |
| Total EPA Funds Expended Per EVSE or Other EV Charger Unit   | Enter the EPA funds expended for the equipment in each unit of the EVSE or other EV charging system.   |
| Total Funds Expended for EVSE or Other EV Charger  | No action - autopopulated  |
| Total EPA Funds Expended for EVSE or Other EV Charger  | No action - autopopulated  |
| Total Funds Expended on Installation Cost  | Enter the total amount of funds expended for installation of all the units in the charging infrastructure system.  |
| Total EPA Funds Expended on Installation Cost  | Enter the total amount of EPA funds expended for installation of all the units in the charging infrastructure system.  |
| Total Funds Expended for All other Eligible EVSE or Other EV Charger Related Expenses (e.g., Permits, Shipping, etc.)  | Enter the total amount of funds expended for all other eligible expended related to the charging infrastructure project in this award, including permits, shipping, etc.   |
| Total EPA Funds Expended for All other Eligible EVSE or Other EV Charger Related Expenses (e.g., Permits, Shipping, etc.)  | Enter the total amount of EPA funds expended for all other eligible expended related to the charging infrastructure project in this award, including permits, shipping, etc.   |
| Description of Other Eligible EVSE or Other EV Charger Administrative Expenses   | Describe the items corresponding to the previous two columns.  |
| Total Funds Expended on EVSE or Other EV Charger Equipment, Installation, and Other Eligible EVSE or Other EV Charger Related Expenses   | No action - autopopulated  |
| Total EPA Funds on EVSE or Other EV Charger Equipment, Installation, and Other Eligible EVSE or Other EV Charger Related Expenses  | No action - autopopulated  |
| Table 17g. Expected Useful Life  |  |
| Expected Useful Life of EVSE: Number of Years  | Enter the expected useful life of the EVSE in years  |
| If equipment covered under warranty, provide the years of protection offered by warranty   | Enter the warranty period in number of years   |
| Basis for Expected Useful Life of EVSE (e.g., manufacturer data or evidence from prior deployments)  | Describe the basis for the expected useful life entered in the prior field   |
| Table 17h. Year 1 EVSE Activity Details  |  |
| Annual Total Energy Dispensed (kWh)<br>Year 1  | Enter the annual total energy dispensed by this EVSE in kilowatthours  |
| EVSE Annual Percentage Uptime (based on hours)<br>Year 1   | Enter the percentage uptime (availability) of this EVSE, i.e. percent of time that the charger is in service and available for use   |
| EVSE Total Annual Number of Charging Sessions Completed<br>Year 1  | Enter the total annual count of independent charging sessions supplied by this EVSE  |
| Has the EVSE infrastructure been EVER powered by an internal combustion generator in the past year? (Yes or No)<br>Year 1  | Select a response from the dropdown  |
| Type of Annual Values for EVSE Activity Data Reported in Table 17h (select from dropdown)<br>Year 1  | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 17i. Year 2 EVSE Activity Details  |  |
| Annual Total Energy Dispensed (kWh)<br>Year 2  | Enter the annual total energy dispensed by this EVSE in kilowatthours  |
| EVSE Annual Percentage Uptime (based on hours)<br>Year 2   | Enter the percentage uptime (availability) of this EVSE, i.e. percent of time that the charger is in service and available for use   |
| EVSE Total Annual Number of Charging Sessions Completed<br>Year 2  | Enter the total annual count of independent charging sessions supplied by this EVSE  |
| Has the EVSE infrastructure been EVER powered by an internal combustion generator in the past year? (Yes or No)<br>Year 2  | Select a response from the dropdown  |

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| Type of Annual Values for EVSE Activity Data Reported in Table 17f (select from dropdown)<br>Year 2                                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 17f. Year 3 EVSE Activity Details   |  |
| Annual Total Energy Dispensed (kWh)<br>Year 3   | Enter the annual total energy dispensed by this EVSE in kilowatthours  |
| EVSE Annual Percentage Uptime (based on hours)<br>Year 3  | Enter the percentage uptime (availability) of this EVSE, i.e. percent of time that the charger is in service and available for use   |
| EVSE Total Annual Number of Charging Sessions Completed<br>Year 3   | Enter the total annual count of independent charging sessions supplied by this EVSE  |
| Has the EVSE Infrastructure been EVER powered by an internal combustion generator in the past year? (Yes or No)<br>Year 3               | Select a response from the dropdown  |
| Type of Annual Values for EVSE Activity Data Reported in Table 17f (select from dropdown)<br>Year 3                                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 17k. Year 4 EVSE Activity Details   |  |
| Annual Total Energy Dispensed (kWh)<br>Year 4   | Enter the annual total energy dispensed by this EVSE in kilowatthours  |
| EVSE Annual Percentage Uptime (based on hours)<br>Year 4  | Enter the percentage uptime (availability) of this EVSE, i.e. percent of time that the charger is in service and available for use   |
| EVSE Total Annual Number of Charging Sessions Completed<br>Year 4   | Enter the total annual count of independent charging sessions supplied by this EVSE  |
| Has the EVSE Infrastructure been EVER powered by an internal combustion generator in the past year? (Yes or No)<br>Year 4               | Select a response from the dropdown  |
| Type of Annual Values for EVSE Activity Data Reported in Table 14k (select from dropdown)<br>Year 4                                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| 18. Infrastructure-Shore Power  |  |
| Table 18a. Shore Power Equipment Information  |  |
| Subawardee (if part of subaward)  | List the subawardee, if part of a subaward, for the new vehicle or equipment. Populate tab 4. Subawardees first.   |
| Type of Shore Power Connection (select from dropdown)   | Select the type of shore power connection, either high-voltage (HVSC) or low-voltage (LVSC).   |
| Total Voltage Service Provided (select from dropdown)   | Select the total voltage provided from the dropdown menu, if listed.   |
| Total Voltage Service Provided, if Not Listed   | Enter the total voltage service provided if the amount is not listed in the dropdown menu.   |
| Manufacturer  | Enter the manufacturer of the shore power system.  |
| Model   | Enter the model name of the shore power system.  |
| Number of Vessel Berths that can be served by Shore Power Pedestal  | Enter the number of vessel berths that can be served by the shore power system.  |
| Number of Plugs per Shore Power Pedestal  | Enter the number of available plugs per shore power pedestal installed.  |
| Number of Shore Power Pedestals   | Enter the total number of shore power pedestals installed.   |
| Table 18b. Location of Shore Power Infrastructure   |  |
| State (select from dropdown)  | Select the two letter postal code for the state in which the charging equipment will be located.   |
| County (select from dropdown)   | Enter the county in which the charging equipment will be located.  |
| City  | Enter the city in which the charging equipment will be located.  |
| Zip Code  | Enter the zip code in which the charging equipment will be located.  |
| Port Facility where Shore Power Installed (select from dropdown)  | Enter the name of the port facility in which the shore power infrastructure is installed.  |
| Who owns the Shore Power Infrastructure?  | Enter the name of the port or organization that owns the charging equipment.   |
| Table 18c. Shore Power Infrastructure Installation Information  |  |
| Description of Installation Work, including all equipment installed   | Describe the work done during installation, including all equipment that became part of the installed shore power system.  |
| Installation Work Performed By  | List the name of the company (or companies) performing the installation of the shore power system.   |
| Date(s) Shore Power Equipment was Manufactured (mm/dd/yyyy)   | Enter the date (or date range) the shore power system was manufactured.  |
| Date of shore power installation (mm/dd/yyyy)   | Enter the date (or date range) the shore power system was installed.   |
| Date of shore power Completely Operational (mm/dd/yyyy)   | Enter the date by which the shore power system became fully operational.   |
| Table 18d. Shore Power BABA Details   |  |
| Is the Shore Power Infrastructure BABA Compliant? (select from dropdown)  | Select from the dropdown menu which parts of the shore power infrastructure project are BABA compliant.  |
| If No or Partly Compliant, explain  | For the previous column, explain which parts are not compliant.  |
| Is a waiver being used to fulfill BABA compliance for this infrastructure? (select from dropdown)                                       | Select from the dropdown menu how BABA requirements are being met for the shore power infrastructure project.  |
| If Yes - Other EPA Waiver, explain  | If a waiver is being used that is not included in the prior field, describe the waiver   |
| Table 18e. Shore Power Cost Summary   |  |
| Equipment Cost only Per Shore Power Pedestal:   | Enter the equipment cost for each unit of the shore power infrastructure system.   |
| Total EPA Funds Expended Per Shore Power Pedestal   | Enter the EPA funds expended for the equipment in each shore power pedestal.   |
| Does the Infrastructure Equipment Cost Include Installation? (select Yes/No from dropdown)  | Select whether or not the equipment cost includes installation of the shore power equipment.   |
| Total Funds Expended Installation Cost for Shore Power Group  | No action - autopopulated  |
| Total EPA Funds Expended Installation Cost for Shore Power Group  | No action - autopopulated  |
| Total Funds Expended for All other Eligible Shore Power Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.)     | Enter the total amount of funds expended for acquisition and installation of all the units in the shore power system.  |
| Total EPA Funds Expended for All other Eligible Shore Power Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.) | Enter the total amount of EPA funds expended for acquisition and installation of all the units in the shore power system.  |
| Description of Other Eligible Shore Power Related Expenses  | Describe the items corresponding to the previous two columns.  |
| Total Funds Expended for Shore Power Equipment Acquisition (total # of pedestals x Funds Expended/pedestal)                             | No action - autopopulated  |
| Total EPA Funds Expended for Shore Power Equipment Acquisition (total # of pedestals x EPA Funds Expended/pedestal)                     | No action - autopopulated  |
| Total Funds Expended for Shore Power Equipment Acquisition, Installation, and Other Costs   | No action - autopopulated  |
| Total EPA Funds Expended for Shore Power Equipment Acquisition & Installation, and Other Costs  | No action - autopopulated  |
| EPA Cost-Shore Expended For Shore Power Equipment   | No action—autopopulated  |
| EPA Cost Share for Shore Power Installation   | No action—autopopulated  |
| Overall EPA Cost Share for Shore Power Equipment  | No action—autopopulated  |
| Table 18f. Expected Useful Life and Warranty  |  |
| Expected Useful Life of Shore Power Equipment: Number of Years  | Enter the expected useful life of the shore power system in years  |
| If equipment covered under warranty, provide the years of protection offered by warranty  | Enter the warranty period in number of years   |
| Basis for Expected Useful Life of Shore Power Equipment (e.g., manufacturer data or evidence from prior deployments)                    | Describe the basis for the expected useful life entered in the prior field   |
| Table 18g. Year 1 Shore Power utilization   |  |
| Typical Auxiliary Engine Tier of Vessels Using Shore Power (select from dropdown)<br>Year 1   | Select the typical engine tier of vessels using the shore power system.  |
| Fuel Type of Vessels Using Shore Power (select from dropdown)<br>Year 1   | Select the fuel type of vessels using the shore power system.  |
| If "Other/Not Listed" Fuel Type of Vessels selected, describe fuel type used<br>Year 1  | If the prior field was "Other/Not Listed," please describe the fuel type used  |
| Number of Annual Vessel Calls Utilizing Shore Power<br>Year 1   | Enter the number of annual vessel calls utilizing shore power.   |
| Average Hotel Hours Per Vessel Call Utilizing Shore Power<br>Year 1   | Enter the average hotel hours per vessel call utilizing shore power.   |
| Maximum Output Power (kW)<br>Year 1   | Enter the maximum power output of the shore power system, measured in kilowatts.   |
| Annual Total Energy Dispensed in MWh<br>Year 1  | Enter the estimated total annual energy output of the shore power system in megawatt-hours.  |
| Shore Power Annual Percentage Uptime (based on hours)<br>Year 1   | Enter the percentage uptime (availability) of the shore power system, i.e. percent of time that the system is in service and available for use   |
| Type of Annual Values for Shore Power Activity Data Reported in Table 18g (select from dropdown)<br>Year 1                              | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 18h. Year 2 Shore Power utilization   |  |
| Typical Auxiliary Engine Tier of Vessels Using Shore Power (select from dropdown)<br>Year 2   | Select the typical engine tier of vessels using the shore power system.  |
| Fuel Type of Vessels Using Shore Power (select from dropdown)<br>Year 2   | Select the fuel type of vessels using the shore power system.  |
| If "Other/Not Listed" Fuel Type of Vessels selected, describe fuel type used<br>Year 2  | If the prior field was "Other/Not Listed," please describe the fuel type used  |
| Number of Annual Vessel Calls Utilizing Shore Power<br>Year 2   | Enter the number of annual vessel calls utilizing shore power.   |
| Average Hotel Hours Per Vessel Call Utilizing Shore Power<br>Year 2   | Enter the average hotel hours per vessel call utilizing shore power.   |
| Maximum Output Power (kW)<br>Year 2   | Enter the maximum power output of the shore power system, measured in kilowatts.   |
| Annual Total Energy Dispensed in MWh<br>Year 2  | Enter the estimated total annual energy output of the shore power system in megawatt-hours.  |
| Shore Power Annual Percentage Uptime (based on hours)<br>Year 2   | Enter the percentage uptime (availability) of the shore power system, i.e. percent of time that the system is in service and available for use   |
| Type of Annual Values for Shore Power Activity Data Reported in Table 18h (select from dropdown)<br>Year 2                              | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 18i. Year 3 Shore Power utilization   |  |
| Typical Auxiliary Engine Tier of Vessels Using Shore Power (select from dropdown)<br>Year 3   | Select the typical engine tier of vessels using the shore power system.  |
| Fuel Type of Vessels Using Shore Power (select from dropdown)<br>Year 3   | Select the fuel type of vessels using the shore power system.  |

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| If 'Other/Not Listed' Fuel Type of Vessels selected, describe fuel type used<br>Year 3  | If the prior field was "Other/Not Listed," please describe the fuel type used  |
| Number of Annual Vessel Calls Utilizing Shore Power<br>Year 3   | Enter the number of annual vessel calls utilizing shore power.   |
| Average Hotel Hours Per Vessel Call Utilizing Shore Power<br>Year 3   | Enter the average hotel hours per vessel call utilizing shore power.   |
| Maximum Output Power (kW)<br>Year 3   | Enter the maximum power output of the shore power system, measured in kilowatts.   |
| Annual Total Energy Dispensed in MWh<br>Year 3  | Enter the estimated total annual energy output of the shore power system in megawatt-hours.  |
| Shore Power Annual Percentage Uptime (based on hours)<br>Year 3   | Enter the percentage uptime (availability) of the shore power system. I.e., percent of time that the system is in service and available for use  |
| Type of Annual Values for Shore Power Activity Data Reported in Table 18f (select from dropdown)<br>Year 3  | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e., from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e., extrapolating incomplete telematics data to represent a full year of operation. |
| Table 18f. Year 4 Shore Power utilization   |  |
| Typical Auxiliary Engine Tier of Vessels Using Shore Power (select from dropdown)<br>Year 4   | Select the typical engine tier of vessels using the shore power system.  |
| Fuel Type of Vessels Using Shore Power (select from dropdown)<br>Year 4   | Select the fuel type of vessels using the shore power system.  |
| If 'Other/Not Listed' Fuel Type of Vessels selected, describe fuel type used<br>Year 4  | If the prior field was "Other/Not Listed," please describe the fuel type used  |
| Number of Annual Vessel Calls Utilizing Shore Power<br>Year 4   | Enter the number of annual vessel calls utilizing shore power.   |
| Average Hotel Hours Per Vessel Call Utilizing Shore Power<br>Year 4   | Enter the average hotel hours per vessel call utilizing shore power.   |
| Maximum Output Power (kW)<br>Year 4   | Enter the maximum power output of the shore power system, measured in kilowatts.   |
| Annual Total Energy Dispensed in MWh<br>Year 4  | Enter the estimated total annual energy output of the shore power system in megawatt-hours.  |
| Shore Power Annual Percentage Uptime (based on hours)<br>Year 4   | Enter the percentage uptime (availability) of the shore power system. I.e., percent of time that the system is in service and available for use  |
| Type of Annual Values for Shore Power Activity Data Reported in Table 18f (select from dropdown)<br>Year 4  | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e., from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e., extrapolating incomplete telematics data to represent a full year of operation. |
| Table 19. Infrastructure - Hydrogen   |  |
| Table 19a. Hydrogen Fueling Station Information Overview  |  |
| Subawardee (if part of subaward)  | List the subawardee, if part of a subaward, for the new vehicle or equipment. Populate tab 4. Subawardees first.   |
| Type of Station (select from dropdown)  | Select from the dropdown menu what type of hydrogen fueling station is installed under this project.   |
| Type of Hydrogen Storage (select from dropdown)   | Select from the dropdown menu what type of hydrogen storage is installed under this project.   |
| Refilling Pressure (select from dropdown)   | Select from the dropdown menu the refilling pressure level of supported by the hydrogen fueling equipment.   |
| Refilling Pressure: If Other, specify below   | If you selected "Other" for the previous column, please enter the refilling pressure information.  |
| Total Hydrogen Storage Tank Capacity (kg)   | Enter the capacity of the hydrogen storage tank in kilograms.  |
| Total Number of Dispensers  | Enter the total number of dispenser hoses installed on the hydrogen fueling station.   |
| Maximum Dispensing Flow Rate per Hose (kg/min)  | Enter the maximum hydrogen dispensing flow rate per dispenser hose in kilograms per minute.  |
| Total Dispensing Capacity of the Station (kg/day)   | Enter the total capacity of hydrogen dispensing flow rate for the hydrogen fueling station in kilograms per day.   |
| Total Number of Cooling Systems   | Enter the total number of cooling systems installed on the hydrogen fueling station.   |
| Total Number of Compressors   | Enter the total number of compressors installed on the hydrogen fueling station.   |
| Number of Storage Tanks   | Enter the total number of hydrogen storage tanks installed on the hydrogen fueling station.  |
| Table 19b. H2 Dispenser Pedestal Details  |  |
| Number of Dispenser Pedestals   | Enter the number of dispenser pedestals  |
| Number of Hoses per Pedestal  | Enter the number of dispenser hoses installed on each pedestal of the hydrogen fueling station.  |
| H2 Dispenser Pedestal Manufacturer  | Enter the manufacturer of the hydrogen dispensing pedestal equipment.  |
| H2 Dispenser Pedestal Model   | Enter the model name of the hydrogen dispensing pedestal equipment.  |
| H2 Dispenser Pedestal Manufacture Year  | Enter the year the hydrogen dispensing pedestal equipment was manufactured.  |
| Table 19c. H2 Storage Tank  |  |
| H2 Compressor Manufacturer  | Enter the manufacturer of the hydrogen storage tank.   |
| H2 Compressor Model   | Enter the model name of the hydrogen storage tank.   |
| H2 Compressor Manufacture Year  | Enter the year the hydrogen storage tank was manufactured.   |
| Table 19d. H2 Compressor  |  |
| H2 Compressor Manufacturer  | Enter the manufacturer of the compressor.  |
| H2 Compressor Model   | Enter the model name of the compressor.  |
| H2 Compressor Manufacture Year  | Enter the year the compressor was manufactured.  |
| Table 19e. H2 Cooling System (refrigeration and heat exchanger)   |  |
| H2 Cooling System Manufacturer  | Enter the manufacturer of the compressor.  |
| H2 Cooling System Model   | Enter the model name of the compressor.  |
| H2 Cooling System Manufacture Year  | Enter the year the compressor was manufactured.  |
| Table 19f. Service Details  |  |
| Does the H2 fueling station serve multiple port facilities within this project? (select Yes/No from dropdown)   | Select whether or not the hydrogen fueling station serve more than one port area within the project submitted in this award.   |
| Primary Location Served by the H2 fueling station: Associated Port Facility (select from dropdown)  | Enter the name of the port area in which the hydrogen fueling station will primarily serve.  |
| Secondary Locations served by the H2 fueling station: Associated Port (use a semicolon between facilities e.g., Port of Galveston; Port of Corpus Christi).   | Enter the name of the other port areas in 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).   |
| Who owns the H2 Fueling Station?  | Enter the name of the port or organization that owns the hydrogen fueling equipment.   |
| Table 19g. Location of H2 Station   |  |
| State (select from dropdown)  | Select the two letter postal code for the state in which the hydrogen fueling station will be located.   |
| County (select from dropdown)   | Enter the county in which the hydrogen fueling station will be located.  |
| City  | Enter the city in which the hydrogen fueling station will be located.  |
| Zip Code  | Enter the zip code in which the charging equipment hydrogen fueling station will be located.   |
| Street Address  | Enter the street address in which the hydrogen fueling station will be located.  |
| Table 19h. Installation Details   |  |
| Description of H2 Fueling Station Installation Work Performed   | Describe the work done during installation, including all equipment that became part of the installed hydrogen fueling station.  |
| H2 Fueling Station Installation Performed by:   | List the name of the company (or companies) performing the installation of the hydrogen fueling station.   |
| Date(s) of H2 Fueling Station & Equipment was Manufactured  | Enter the date (or date range) the hydrogen fueling station and equipment was manufactured.  |
| Date of H2 Fueling Station Installation (mm/dd/yyyy)  | Enter the date (or date range) the hydrogen fueling station was installed.   |
| Date H2 Fueling Station Operational (mm/dd/yyyy)  | Enter the date by which the hydrogen fueling station became fully operational.   |
| Table 19i. BABA Compliance  |  |
| Is the Hydrogen Fueling Infrastructure BABA Compliant? (select from dropdown)   | Select from the dropdown menu which parts of the hydrogen fueling infrastructure project are BABA compliant.   |
| If No or Partly Compliant, explain  | For the previous column, explain which parts are not compliant.  |
| Is a waiver being used to fulfill BABA compliance for the H2 Fueling Infrastructure? (select from dropdown)   | Select from the dropdown menu how BABA requirements are being met for the hydrogen fueling infrastructure project.   |
| If Yes - Other EPA Waiver, explain  | If a waiver is being used that is not included in the prior field, describe the waiver   |
| Table 19j. Funding Details  |  |
| Total Funds Expended Per H2 Fueling Pedestal / Dispenser Acquisition:   | Enter the total funds expended for acquiring each unit of the hydrogen fueling pedestal.   |
| Total EPA Funds Expended Per H2 Fueling Pedestal / Dispenser Acquisition:   | Enter the total EPA funds expended for acquiring each unit of the hydrogen fueling pedestal.   |
| Total Funds Expended per H2 Fueling Storage Tank  | Enter the total funds expended for acquiring each storage tank   |
| Total EPA Funds Expended per H2 Fueling Storage Tank  | Enter the total EPA funds expended for acquiring each storage tank   |
| Total Funds Expended per H2 Fueling Compressor / Pump   | Enter the total funds expended for acquiring each compressor or pump (unit)  |
| Total EPA Funds Expended per H2 Fueling Compressor / Pump   | Enter the total EPA funds expended for acquiring each compressor or pump (unit)  |
| Total Funds Expended per H2 Fueling Cooling (refrigeration and heat exchangers) System  | Enter the total funds expended for acquiring each cooling system, consisting of refrigeration and heat exchangers  |
| Total EPA Funds Expended per H2 Fueling Cooling (refrigeration and heat exchangers) System  | Enter the total EPA funds expended for acquiring each cooling system, consisting of refrigeration and heat exchangers  |
| Total Funds Expended for Remaining H2 Fueling Balance of Plant (incl. electrical, controls, and other components):  | Enter the total funds expended for acquiring the remaining balance of plant; I.e., systems or components not included in another funding category, including electrical, controls, and other.  |
| Total EPA Funds Expended for Remaining H2 Fueling Balance of Plant (incl. electrical, controls, and other components):  | Enter the total EPA funds expended for acquiring the remaining balance of plant; I.e., systems or components not included in another funding category, including electrical, controls, and other.  |
| Description of H2 Fueling Component Costs for Remaining Balance of Plant (i.e., Describe the components with costs included as remaining balance of plant)  | Describe the component(s) with costs entered in the two prior fields. E.g. <i>Electrical control system</i>  |
| Total Funds Expended Per Additional H2 Supporting Infrastructure  | Enter the total funds expended for acquiring additional eligible supporting infrastructure, e.g. pipes   |
| Total EPA Funds Expended Per Additional H2 Supporting Infrastructure  | Enter the total EPA funds expended for acquiring additional eligible supporting infrastructure, e.g. pipes   |
| Total Funds Expended Installation Cost  | Enter the total amount of funds expended for installation of all the units in the hydrogen fueling station.  |
| Total EPA Funds Expended Installation Cost:   | Enter the total amount of EPA funds expended for installation of all the units in the hydrogen fueling station.  |
| Total Funds Expended for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.)   | Enter the total amount of funds expended for acquisition and installation of all the units in the hydrogen fueling system.   |
| Total EPA Funds Expended for All other Eligible H2 Fueling Infrastructure Acquisition & Installation Related Expenses (e.g., Permits, Shipping, etc.)   | Enter the total amount of EPA funds expended for acquisition and installation of all the units in the hydrogen fueling system.   |
| Description of Other Eligible H2 Fueling Related Expenses   | Enter a description of the expenses  |
| Total Funds Expended for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses (Total # of pedestals x Total Funds Expended/pedestal + supporting infrastructure + installation + other eligible expenses)     | Describe the items corresponding to the previous two columns.  |
| Total Funds Expended for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses (Total # of pedestals x Total Funds Expended/pedestal + supporting infrastructure + installation + other eligible expenses)     | No action - autopopulated  |
| Total EPA Funds Expended for H2 Infrastructure Acquisition, Installation, and Other Eligible Expenses (Total # of pedestals x Federal Funds Expended/pedestal + supporting infrastructure installation + other eligible expenses) | No action - autopopulated  |
| Table 19k. Expected Useful Life   |  |
| Expected Useful Life of Hydrogen Fueling Station: Number of Years   | Enter the expected useful life of the hydrogen filling station in years  |
| If equipment covered under warranty, provide the years of protection offered by warranty: Number of Years   |  |
| Basis for Expected Useful Life of Hydrogen Fueling Station (e.g., manufacturer data or evidence from prior deployments)   | Describe the basis for the expected useful life entered in the prior field   |
| Table 19l. Year 1 H2 Station Utilization  |  |
| Annual Total Number of Fueling Events<br>Year 1   | Enter the number (count) of fueling events. A fueling event is any single instance where H2 fuel was delivered to a vehicle. This can consist of an actual, observed value, or an estimate.  |



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| Annual Total H2 Dispensed (kg)<br>Year 1  | Enter the total H2 dispensed, in kilograms (kg). This can consist of an actual, observed value, or an estimate.  |
| Type of Annual Values for H2 Fueling Station Activity Data Reported in Table 19f (select from dropdown)<br>Year 1                 | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 19m. Year 1 H2 Station Utilization  |  |
| Annual Total Number of Fueling Events<br>Year 2   | Enter the number (count) of fueling events. A fueling event is any single instance where H2 fuel was delivered to a vehicle. This can consist of an actual, observed value, or an estimate.  |
| Annual Total H2 Dispensed (kg)<br>Year 2  | Enter the total H2 dispensed, in kilograms (kg). This can consist of an actual, observed value, or an estimate.  |
| Type of Annual Values for H2 Fueling Station Activity Data Reported in Table 19k (select from dropdown)<br>Year 2                 | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 19n. Year 1 H2 Station Utilization  |  |
| Annual Total Number of Fueling Events<br>Year 3   | Enter the number (count) of fueling events. A fueling event is any single instance where H2 fuel was delivered to a vehicle. This can consist of an actual, observed value, or an estimate.  |
| Annual Total H2 Dispensed (kg)<br>Year 3  | Enter the total H2 dispensed, in kilograms (kg). This can consist of an actual, observed value, or an estimate.  |
| Type of Annual Values for H2 Fueling Station Activity Data Reported in Table 19n (select from dropdown)<br>Year 3                 | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 19o. Year 1 H2 Station Utilization  |  |
| Annual Total Number of Fueling Events<br>Year 4   | Enter the number (count) of fueling events. A fueling event is any single instance where H2 fuel was delivered to a vehicle. This can consist of an actual, observed value, or an estimate.  |
| Annual Total H2 Dispensed (kg)<br>Year 4  | Enter the total H2 dispensed, in kilograms (kg). This can consist of an actual, observed value, or an estimate.  |
| Type of Annual Values for H2 Fueling Station Activity Data Reported in Table 19o (select from dropdown)<br>Year 4                 | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Tab 20. Infrastructure - Power Gen  |  |
| Table 20a. On-Site Power Generation Equipment Information   |  |
| Subawardee  |  |
| Type of energy generation (select from dropdown)  | Select from the dropdown menu the renewable source of energy for power generation: solar or wind.  |
| Manufacturer of On-site Power Generation  | Enter the name of the manufacturer of the on-site power generation system. Include details about both the solar panels and inverter(s).  |
| Model of On-site Power Generation   | Enter the model name of the on-site power generation system. Include details about both the solar panels and inverter(s).  |
| Manufacture Year of On-site Power Generation  | Enter the year the on-site power generation system was manufactured.   |
| AC Capacity of the system (kW)  | Enter the AC capacity of the on-site power generation system in kilowatts. The AC capacity is based on the total nameplate capacity of the system's inverter(s).   |
| Table 20b. On-Site Power Generation Location Details  |  |
| State (select from dropdown)  | Select the two letter postal code for the state in which the on-site power generation system will be located.  |
| County (select from dropdown)   | Enter the county in which the on-site power generation system will be located.   |
| City  | Enter the city in which the on-site power generation system will be located.   |
| Zip Code  | Enter the zip code in which the on-site power generation system will be located.   |
| Street Address  | Enter the street address in which the on-site power generation system will be located.   |
| Who owns the equipment?   | Enter the name of the port or organization that owns the on-site power generation system.  |
| Does the On-Site Power Generation serve multiple port facilities? (select Yes/No from dropdown)                                   | Select whether or not the on-site power generation system serves more than one port area within the project submitted in this award.   |
| Primary Location Served by On-site Power generation: Associated Ports (select from dropdown)                                      | Enter the name of the port area in which the on-site power generation system will primarily serve.   |
| Secondary Locations served by On-site power generation: Associated Ports (use a colon between facilities)                         | Enter the name of the <u>other</u> port areas in which the on-site 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).   |
| Table 20c. On-Site Power Generation Installation Details  |  |
| Description of Installation Work Performed  | Describe the work done during installation, including all equipment that became part of the installed on-site power generation system.   |
| Installation of Power Generation Infrastructure Performed by Date(s) On-Site Power Generation Equipment was Manufactured          | List the name of the company (or companies) performing the installation of the on-site power generation system.  |
| Completion Date of the On-Site Power Generation Installation (mm/dd/yyyy)   | Enter the date (or date range) the on-site power generation system and equipment was manufactured.   |
| Date of the On-site Power Generation Operational (mm/dd/yyyy)   | Enter the date by which the on-site power generation system became fully operational.  |
| Table 20d. BABA Compliance  |  |
| Is the On-site Power Generation Infrastructure BABA Compliant? (select from dropdown)   | Select from the dropdown menu which parts of the on-site power generation infrastructure project are BABA compliant.   |
| If No or Partly Compliant, explain  | For the previous column, explain which parts are not compliant.  |
| Is a waiver being used to fulfill BABA compliance for the On-site Power Generation? (select from dropdown)                        | Select from the dropdown menu how BABA requirements are being met for the on-site power generation infrastructure project.   |
| If Yes - Other EPA Waiver, explain  | If a waiver is being used that is not included in the prior field, describe the waiver   |
| Table 20e. On-Site Power Generation Cost Summary  |  |
| Equipment Cost only Per Power Generation System   | Enter the equipment cost for each unit of the one-site power generation infrastructure system.   |
| Total EPA Funds Expended Per Power Generation System  | Enter the EPA funds expended for each unit of one-site power generation infrastructure system.   |
| Total Funds Expended Installation Cost  | Enter the total amount of funds expended for installation of all the units in the one-site power generation infrastructure system.   |
| Total EPA Funds Expended Installation Cost  | Enter the total amount of EPA funds expended for installation of all the units in the one-site power generation infrastructure system.   |
| Total Funds Expended for All other Eligible On-Site Power Generation Related Expenses (e.g., Permits, Shipping, etc.)             | Enter the total amount of funds expended for acquisition and installation of all the units in the shore power system.  |
| Description of Other Eligible On-Site Power Generation Related Expenses   | Describe the items corresponding to the previous two columns.  |
| Total Funds Expended on On-site Power Generation Equipment, Installation, and other Eligible Expenses                             | No action - autopopulated  |
| Total EPA Funds Expended on On-site Power Generation Equipment, Installation, and other Eligible Expenses                         | No action - autopopulated  |
| Table 20f. Expected Useful Life   |  |
| Expected Useful Life of On-site Power Generation Equipment: Number of Years   | Enter the expected useful life of the on-site power generation equipment in years  |
| If equipment covered under warranty, provide the years of protection offered by warranty  |  |
| Basis for Expected Useful Life of On-site Power Generation Equipment (e.g., manufacturer data or evidence from prior deployments) | Describe the basis for the expected useful life entered in the prior field   |
| Table 20g. Year 1 On-site Power Generation Activity Data  |  |
| On-Site Power Generation Annual Energy Dispensed (MWh)  | Enter the annual total energy produced by this on-site power generation system in megawatt hours   |
| On-Site Power Generation Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the on-site power generation system. I.e. percent of time that the system is in service and available for use  |
| Type of Annual Values for On-Site Power Generation Activity Data Reported in Table 20g (select from dropdown)                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 20h. Year 2 On-site Power Generation Activity Data  |  |
| On-Site Power Generation Annual Energy Dispensed (MWh)  | Enter the annual total energy produced by this on-site power generation system in megawatt hours   |
| On-Site Power Generation Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the on-site power generation system. I.e. percent of time that the system is in service and available for use  |
| Type of Annual Values for On-Site Power Generation Activity Data Reported in Table 20h (select from dropdown)                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 20i. Year 3 On-site Power Generation Activity Data  |  |
| On-Site Power Generation Annual Energy Dispensed (MWh)  | Enter the annual total energy produced by this on-site power generation system in megawatt hours   |
| On-Site Power Generation Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the on-site power generation system. I.e. percent of time that the system is in service and available for use  |
| Type of Annual Values for On-Site Power Generation Activity Data Reported in Table 20i (select from dropdown)                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Table 20j. Year 4 On-site Power Generation Activity Data  |  |
| On-Site Power Generation Annual Energy Dispensed (MWh)  | Enter the annual total energy produced by this on-site power generation system in megawatt hours   |
| On-Site Power Generation Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the on-site power generation system. I.e. percent of time that the system is in service and available for use  |
| Type of Annual Values for On-Site Power Generation Activity Data Reported in Table 20j (select from dropdown)                     | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, i.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, i.e. extrapolating incomplete telematics data to represent a full year of operation. |
| Tab 21. Infrastructure - BESS   |  |
| Table 21a. BESS Equipment Overview  |  |
| Subawardee  |  |
| Manufacturer of BESS  | Enter the manufacturer of the BESS equipment.  |
| Model of BESS   | Enter the model name of the BESS equipment.  |
| Manufacture Year of BESS  | Enter the year the BESS equipment was manufactured.  |
| Number of Units   | Enter the number of BESS units.  |
| Total Energy Capacity (please indicate unit: kWh or MWh)  | Enter the total energy capacity of the BESS system and indicate the unit of energy (kWh or MWh)  |
| Maximum Continuous Discharge AC Power (kW)  | Enter the maximum continuous discharge alternative current power in kW   |
| Maximum Continuous Discharge DC Power (kW)  | Enter the maximum continuous discharge direct current power in kW  |
| Battery Chemistry (select from dropdown)  | Using the dropdown menu, select the chemistry of the battery   |
| If 'Other' selected for Battery Chemistry, describe   | From the previous column, describe the battery chemistry of the BESS   |
| Is the Battery Warranty Included? (select Yes/No from dropdown)   | Using the dropdown menu, select whether or not a battery warranty is included.   |
| Battery Warranty: Number of Years   | If the battery includes a warranty, indicate the number of years the coverage is valid for   |
| Battery Warranty: Total Discharged Energy (please indicate unit: kWh or MWh)  | If the battery includes a warranty, indicate the total amount of discharged energy (kWh) the coverage is valid for   |
| Energy Retention at the End of Warranty Period (%)  | Enter the minimum amount of energy that the battery will be able to store and discharge, in percent (%) of the new battery energy capacity rating.   |
| Table 21b. Location of BESS Infrastructure  |  |
| State (select from dropdown)  | Select the two letter postal code for the state in which the BESS equipment will be located.   |
| County (select from dropdown)   | Enter the county in which the BESS equipment will be located.  |
| City  | Enter the city in which the BESS equipment will be located.  |
| Zip Code  | Enter the zip code in which the BESS equipment will be located.  |
| Street Address  | Enter the street address in which the BESS equipment will be located.  |
| Who owns the equipment?   | Enter the name of the port or organization that owns the BESS equipment.   |

|   |  |
|---|--|
| Does the BESS serve multiple port facilities?<br>(select Yes/No from dropdown)  | Select whether or not the BESS equipment serves more than one port area within the project submitted in this award.  |
| Primary Location Served by BESS: Associated Port<br>(select from dropdown)  | Enter the name of the port area in which the BESS equipment will primarily serve.  |
| Secondary Locations served by BESS: Associated Port(s) (use a colon between facilities)   | Enter the name of the <b>other</b> port areas in which the BESS 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).  |
| <b>Table 21c: BESS Installation Details</b>   |  |
| Description of Installation Work Performed  | Describe the work done during installation, including all equipment that became part of the installed BESS.  |
| BESS Installation Performed by  | List the name of the company (or companies) performing the installation of the BESS.   |
| Date(s) BESS and related Equipment was Manufactured   | Enter the date (or date range) the BESS equipment was manufactured.  |
| Completion Date of the BESS Installation (mm/dd/yyyy)   | Enter the date (or date range) the BESS was installed.   |
| Date BESS Operational (mm/dd/yyyy)  | Enter the date by which the BESS equipment became fully operational.   |
| <b>Table 21d: BABA Compliance</b>   |  |
| Is the BESS Infrastructure BABA Compliant?<br>(select from dropdown)  | Select from the dropdown menu which parts of the BESS infrastructure project are BABA compliant.   |
| If No or Partly Compliant, explain  | For the previous column, explain which parts are not compliant.  |
| Is a waiver being used to fulfill BABA compliance for the BESS?<br>(select from dropdown)   | Select from the dropdown menu how BABA requirements are being met for the BESS infrastructure project.   |
| If Yes - Other EPA Waiver, explain  | If a waiver is being used that is not included in the prior field, describe the waiver   |
| <b>Table 21e: BESS Cost Summary</b>   |  |
| Total Equipment Cost Expended Per Unit Acquisition  | Enter the equipment cost for each unit of the BESS.  |
| Total EPA Funds Expended Per Unit Acquisition   | Enter the EPA funds expended for the equipment in each BESS unit.  |
| Total Cost Expended for BESS Acquisition  | Enter the total amount of funds expended for all items related to acquiring BESS.  |
| Total EPA Funds Expended for BESS Acquisition   | Enter the total amount of EPA funds expended for all items related to acquiring BESS.  |
| Total Funds Expended Installation Cost  | Enter the total amount of funds expended for acquisition and installation of all the units in the shore power system.  |
| Total EPA Funds Expended Installation Cost:   | Enter the total amount of EPA funds expended for acquisition and installation of all the units in the shore power system.  |
| Total Funds Expended for All other Eligible BESS Related Expenses (e.g., Permits, Shipping, etc.)   | Enter the total amount of funds expended for all other eligible BESS-related expenses such as permits, shipping of equipment, etc.   |
| Total EPA Funds Expended for All other Eligible BESS Related Expenses (e.g., Permits, Shipping, etc.)   | Enter the total amount of EPA funds expended for all other eligible BESS-related expenses such as permits, shipping of equipment, etc.   |
| Description of Other Eligible BESS Related Expenses   | Describe the items corresponding to the previous two columns.  |
| Total Funds Expended on BESS Equipment, Installation, and Other Eligible Expenses   | No action - autopopulated  |
| Total EPA Funds Expended BESS Equipment, Installation, and Other Eligible Expenses  | No action - autopopulated  |
| <b>Table 21f: Expected Useful Life</b>  |  |
| Expected Useful Life of BESS: Number of Years   | Enter the expected useful life of the BESS in years  |
| Basis for Expected Useful Life of BESS (e.g., manufacturer data or evidence from prior deployments)   | Describe the basis for the expected useful life entered in the prior field   |
| <b>Table 21g: Year 1 BESS Activity Data</b>   |  |
| BESS Annual Energy Dispersed/Discharged (MWh)   | Enter the annual total energy dispensed (discharged) by this BESS in megawatt hours  |
| BESS Annual Energy Received/Charged from Grid (MWh)   | Enter the annual total energy received (charged) to this BESS from the grid in megawatt-hours (MWh)  |
| BESS Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the BESS. I.e. percent of time that the system is in service and available   |
| Has the BESS infrastructure been EVER charged by an internal combustion generator in the past year? (Yes or No)   | Select a response from the dropdown  |
| Type of Annual Values for BESS Activity Data Reported in Table 21g (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, I.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, I.e. extrapolating incomplete telematics data to represent a full year of operation. |
| <b>Table 21h: Year 2 BESS Activity Data</b>   |  |
| BESS Annual Energy Dispersed/Discharged (MWh)   | Enter the annual total energy dispensed (discharged) by this BESS in megawatt hours  |
| BESS Annual Energy Received/Charged from Grid (MWh)   | Enter the annual total energy received (charged) to this BESS from the grid in megawatt-hours (MWh)  |
| BESS Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the BESS. I.e. percent of time that the system is in service and available   |
| Has the BESS infrastructure been EVER charged by an internal combustion generator in the past year? (Yes or No)   | Select a response from the dropdown  |
| Type of Annual Values for BESS Activity Data Reported in Table 21g (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, I.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, I.e. extrapolating incomplete telematics data to represent a full year of operation. |
| <b>Table 21i: Year 3 BESS Activity Data</b>   |  |
| BESS Annual Energy Dispersed/Discharged (MWh)   | Enter the annual total energy dispensed (discharged) by this BESS in megawatt hours  |
| BESS Annual Energy Received/Charged from Grid (MWh)   | Enter the annual total energy received (charged) to this BESS from the grid in megawatt-hours (MWh)  |
| BESS Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the BESS. I.e. percent of time that the system is in service and available   |
| Has the BESS infrastructure been EVER charged by an internal combustion generator in the past year? (Yes or No)   | Select a response from the dropdown  |
| Type of Annual Values for BESS Activity Data Reported in Table 21g (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, I.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, I.e. extrapolating incomplete telematics data to represent a full year of operation. |
| <b>Table 21j: Year 4 BESS Activity Data</b>   |  |
| BESS Annual Energy Dispersed/Discharged (MWh)   | Enter the annual total energy dispensed (discharged) by this BESS in megawatt hours  |
| BESS Annual Energy Received/Charged from Grid (MWh)   | Enter the annual total energy received (charged) to this BESS from the grid in megawatt-hours (MWh)  |
| BESS Annual Percentage Uptime (based on hours)  | Enter the percentage uptime (availability) of the BESS. I.e. percent of time that the system is in service and available   |
| Has the BESS infrastructure been EVER charged by an internal combustion generator in the past year? (Yes or No)   | Select a response from the dropdown  |
| Type of Annual Values for BESS Activity Data Reported in Table 21g (select from dropdown)   | Select a response from the dropdown that characterizes the previous responses in this table.<br><b>Actual</b> - responses represent complete data, I.e. from telematics or other method; <b>Estimated - no observed data</b> - responses are estimates in lieu of real-world data; <b>Estimated based on incomplete observed data</b> - responses are based on some combination of incomplete data, I.e. extrapolating incomplete telematics data to represent a full year of operation. |
| <b>Tab 22: Infrastructure - Other</b>   |  |
| Are there any other infrastructure projects associated with this grant that are not listed on the previous sheets? (select Yes/No)  | Select a response from the dropdown  |
| If no, please leave this section blank. If yes, please provide details in the box below to the right on the infrastructure project and describe how BABA compliance was determined. | Describe other infrastructure not captured on the previous infrastructure tabs   |
| <b>Tab 23: Final Report</b>   |  |
| <b>Table 23a: Project Updates - Narrative Responses</b>   |  |
| Activities  | Paste the planned activities from the last interannual report  |
| Anticipated Outputs   | Paste the anticipated outputs from the last interannual report   |
| Anticipated Outcomes  | Paste the anticipated outcomes from the last interannual report  |
| Actual Results  | Describe the final, actual results for the planned activity  |
| <b>Table 23b: Project Updates - Programmatic and Narrative Financial Results of Project</b>   |  |
| All fields  | Please provide programmatic and narrative financial results on the project (open response)   |
| <b>Table 23c: Project Updates - Subaward Reporting Requirements (if applicable)</b>   |  |
| All fields  | Please provide subaward information on the project and an explanation in each cell   |