

**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program
Project Reporting AND Final Reporting Template**

Burden Statement for EPA Form: 5900-691

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Instructions

Per grant agreement terms and conditions, this reporting template should be submitted 1) quarterly (or biannually, depending on the grant's Terms and Conditions) throughout the project period of performance and 2) a Final Report (120-days after) the completion of the grant period. Information that is submitted on quarterly (or biannually, depending on the grant's Terms and Conditions) reports should NOT be changed in future quarterly (or biannually, depending on the grant's Terms and Conditions) report submissions unless approved by EPA. Please only update information for the specific quarter (or biannual, depending on the grant's Terms and Conditions) 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 **orange** are simply for informative purposes and/or automated from other tabs in this spreadsheet. Please complete tabs in this workbook according to the instructions below.

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.

Note: This workbook uses a variety of conditional formatting, data validations, and cell protections. The protections are not locked with a password.

<u>Excel Workbook Tab</u>	<u>Definition</u>
1. Instructions	Basic instructions for all worksheets in this reporting workbook.
2. Financial Summary	Financial summary for the entire grant period of performance. Please only complete shaded cells highlighted blue with a diagonal pattern (///) that contain grantee and original project budget information. Other cells on this worksheet will automatically feed from information in tabs 3-7 (Year 1-Year 5). If a modification to the grant is approved, please update the financial tabs accordingly.
3. Year 1	Financial summary for the first year of the project period. For each quarterly (or biannually, depending on the grant's Terms and Conditions) report, please complete all financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter (or biannual, depending on the grant's Terms and Conditions) the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant. Note: VW Mitigation Funds should only be used as a voluntary cost share for the State program. Also, some Tribal and territory grantees may be exempt from the mandatory cost share.
4. Year 2	Financial summary for the second year of the project period. For each quarterly (or biannually, depending on the grant's Terms and Conditions) report, please complete all financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter (or biannual, depending on the grant's Terms and Conditions) the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant. Note: VW Mitigation Funds should only be used as a voluntary cost share for the State program. Also, some Tribal and territory grantees may be exempt from the mandatory cost share.

5. Year 3	Financial summary for the third year of the project period. For each quarterly (or biannually, depending on the grant's Terms and Conditions) report, please complete all financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter (or biannual, depending on the grant's Terms and Conditions) the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant. Note: VW Mitigation Funds should only be used as a voluntary cost share for the State program. Also, some Tribal and territory grantees may be exempt from the mandatory cost share.
6. Year 4	Financial summary for the fourth year of the project period. For each quarterly (or biannually, depending on the grant's Terms and Conditions) report, please complete all financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter (or biannual, depending on the grant's Terms and Conditions) the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant. Note: VW Mitigation Funds should only be used as a voluntary cost share for the State program. Also, some Tribal and territory grantees may be exempt from the mandatory cost share.
7. Year 5	Financial summary for the fifth year of the project period. For each quarterly (or biannually, depending on the grant's Terms and Conditions) report, please complete all financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter (or biannual, depending on the grant's Terms and Conditions) the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant. Note: VW Mitigation Funds should only be used as a voluntary cost share for the State program. Also, some Tribal and territory grantees may be exempt from the mandatory cost share.
8. Amendments	The Amendments tab should be used to update any changes in vehicle or equipment quantities, infrastructure quantities, or other activities, and their corresponding changes in to funding amounts post-award. Please update this tab on an annual basis at the end of each year of project performance and at project closeout.
9. DERA Priorities	The tab should be completed based upon community engagement, sustainability, workforce development, project resiliency, and/or leveraging of additional external funds commitments defined in the proposed workplan. Please complete this tab during regular interannual reporting, if the proposed workplan committed to ANY community engagement, sustainability, workforce development, project resiliency, and/or leveraging of additional external funds commitments as referred to in the evaluation metrics defined in the NOFO. During each 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, sustainability, workforce development, project resiliency, and/or leveraging of additional external funds commitments completed during the project period.
10. Fleet Description	The tab should be completed based upon the final workplan fleet sheet submitted and approved by EPA. The Fleet Description should be updated in a set frequency based on the grant's Terms and Conditions with any revisions to vehicle and engine information. Please refer to additional information on field definitions in tab 13 (Data Dictionary).

11. Infrastructure	The tab should be completed based upon the final workplan infrastructure submitted and approved by EPA. The Infrastructure tab should be updated quarterly (or biannually, depending on the grant's Terms and Conditions) with any revisions to zero emission charging and/or fueling infrastructure information. Please refer to additional information on field definitions in tab 13 (Data Dictionary).
12. Final Report	Final project details including actual emission and programmatic results. Please only complete shaded cells highlighted blue with a diagonal pattern (///). Emissions results should be copy and pasted from DEQ results.
13. Data Dictionary	Please refer to the dictionary on this tab for support in completing the Fleet Description (tab 10) and Infrastructure Description (tab 11).

U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program
Financial Summary - Project Lifetime

Grant Recipient	
Project Period of Performance	
Grant Number	
Project Title	
DERA Program	

DERA Grant Fiscal Summary Year #	
Program Fiscal Year	
EPA Project Award Amount Year #1	
Total Cost Share Amount	
Total Voluntary Cost Share	
Total Mandatory Cost Share Amount	
Total Project Costs (EPA + Cost Share)	

DERA Grant Fiscal Summary TOTAL Year #1 + Year #2	
EPA Project Award Amount Total	\$ -
Total Cost Share Amount	\$ -
Total Project Costs (EPA + Cost Share)	\$ -
EPA Funds Expended to Date	\$ -
EPA Funds Remaining	\$ -

DERA Grant Fiscal Summary Year #2 (If ap	
Program Fiscal Year	
EPA Project Award Amount Year #2	
Total Cost Share Amount	
Total Voluntary Cost Share	
Total Mandatory Cost Share Amount	
Total Project Costs (EPA + Cost Share)	

Table 1. Summary Rate of Expenditure

Record project budget funds ONLY from approved final workplan. All other numbers will reflect automatically from su

Financial Summary	Total Project Budget					Total Expenses to Date				
	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds (State program ONLY)	Other Funds				VW Mitigation Funds (State program ONLY)	Other Funds	
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Participant Support Costs (e.g., Rebates)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

EPA Budget Details by Fiscal Year										
Financial Summary	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds (State program ONLY)	Other Funds				VW Mitigation Funds (State program ONLY)	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -		\$ -	\$ -	\$ -	\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 2. Annual Rate of Expenditure

No Entry Needed - ALL numbers will reflect automatically from subsequent tabs.

Financial Summary	Year 1					Year 2				
	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds (State program ONLY)	Other Funds				VW Mitigation Funds (State program ONLY)	Other Funds	
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Participant Support Costs (e.g., Rebates)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Summary	Year 4					Year 5				
	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds (State program ONLY)	Other Funds				VW Mitigation Funds (State program ONLY)	Other Funds	
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Participant Support Costs (e.g., Rebates)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Indirect Charges	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
TOTALS	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

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Subsequent tabs.				
Remaining Balance				
EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
		VW Mitigation Funds (State program ONLY)	Other Funds	
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Total Project Budget				
EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
		VW Mitigation Funds (State program ONLY)	Other Funds	
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Year 3				
EPA Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
		VW Mitigation Funds (State program ONLY)	Other Funds	
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**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program**

Financial and Narrative Summary - Year 1

*Note: *Fields that contain the symbol (*) are dependant of Grants Terms and Conditions.*

Grant Recipient	
Grant Number	
Project Title	

Total EPA Funds Expended: Year 1	\$ -
*Reporting Cadence	Quarterly
Project Reporting Period	

Table 3. Year 1 Annual

Record and update project expenses at each interval according to the reporting cadence determined by your Project Officer. Previous fields should remain and edits should be made to the w

Enter Dates for this Reporting Period	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date
			VW Mitigation Funds (State program only)	Other Funds				VW Mitigation Funds (State program only)	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 4. Project Updates - Narrative Responses

Record and update project updates below.

Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information accordingly. Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.

Fiscal Year	Activities	Anticipated Outcomes

Please provide programmatic and narrative financial updates on the project. As reports are submitted, indicate updates or changes for each report. For each report, please indicate if there was a change.

Question	Quarter 1 Update	Quarter 2 Update	
Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.			
Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)			
Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.			
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?			
If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.			
Have there been any major personnel changes during this reporting period?			

Did any public relations events regarding this grant take place during the reporting period?			
Are you using websites or other tools used to relay information about this grant to the public?			
What project activities are planned for the next reporting period?			
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.			
(State program only)What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.			
Do you have any other comments or feedback?			

Subaward Reporting Requirements			
<i>Please provide subaward updates on the project. As reports are submitted, indicate updates or changes for each quarter. For each report, please indicate if there was a change from the prev</i>			
Question	Quarter 1 Update	Quarter 2 Update	
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			

ly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3)

Progress to Date				Progress Notes
Q1	Q2	Q3	Q4	Write below, as appropriate.

as a change from the previous quarter. If yes, please provide an explanation in the subsequent	
Quarter 3 Update	Quarter 4 Update

ious report. If yes, please provide an explanation in the subsequent cell.	
Quarter 3 Update	Quarter 4 Update

**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program**
Financial and Narrative Summary - Year 2

Note: *Fields that contain the symbol (*) are dependant of Grants Terms and Conditions.

Grant Recipient	
Grant Number	
Project Title	

Total EPA Funds Expended: Year 1	\$ -
*Reporting Cadence	Quarterly
Project Reporting Period	

Table 5. Year 2 Annual

Record and update project expenses at each interval according to the reporting cadence determined by your Project Officer. Previous fields should remain and edits should be made to the w

Enter Dates for this Reporting Period	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date
			VW Mitigation Funds (State program only)	Other Funds				VW Mitigation Funds (State program only)	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 6. Project Updates - Narrative Responses
Record and update project updates below.

Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information accordingly. Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.

Fiscal Year	Activities	Anticipated Outcomes

Please provide programmatic and narrative financial updates on the project. As reports are submitted, indicate updates or changes for each report. For each report, please indicate if there w subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	
Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.			
Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)			
Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.			
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?			
If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.			
Have there been any major personnel changes during this reporting period?			

Did any public relations events regarding this grant take place during the reporting period?			
Are you using websites or other tools used to relay information about this grant to the public?			
What project activities are planned for the next reporting period?			
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.			
(State program only)What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.			
Do you have any other comments or feedback?			

Subaward Reporting Requirements			
<i>Please provide subaward updates on the project. As reports are submitted, indicate updates or changes for each quarter. For each report, please indicate if there was a change from the prev</i>			
Question	Quarter 1 Update	Quarter 2 Update	
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			

[illegible]

ly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3)

Progress to Date				Progress Notes
Q1	Q2	Q3	Q4	Write below, as appropriate.

as a change from the previous quarter. If yes, please provide an explanation in the	
Quarter 3 Update	Quarter 4 Update

<i>rious report. If yes, please provide an explanation in the subsequent cell.</i>	
Quarter 3 Update	Quarter 4 Update

**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program**
Financial and Narrative Summary - Year 3

Note: *Fields that contain the symbol (*) are dependant of Grants Terms and Conditions.

Grant Recipient	
Grant Number	
Project Title	

Total EPA Funds Expended: Year 1	\$	-
*Reporting Cadence	Quarterly	
Project Reporting Period		

Table 7. Year 3 Annual I

Record and update project expenses at each interval according to the reporting cadence determined by your Project Officer. Previous fields should remain and edits should be made to the w

Enter Dates for this Reporting Period	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date
			VW Mitigation Funds (State program only)	Other Funds				VW Mitigation Funds (State program only)	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 8. Project Updates - Narrative Responses		
Record and update project updates below.		
Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information accordingly. Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.		
Fiscal Year	Activities	Anticipated Outcomes

Please provide programmatic and narrative financial updates on the project. As reports are submitted, indicate updates or changes for each report. For each report, please indicate if there w subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	
Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.			
Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)			
Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.			
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?			
If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.			
Have there been any major personnel changes during this reporting period?			

Did any public relations events regarding this grant take place during the reporting period?			
Are you using websites or other tools used to relay information about this grant to the public?			
What project activities are planned for the next reporting period?			
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.			
(State program only)What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.			
Do you have any other comments or feedback?			

Subaward Reporting Requirements			
<i>Please provide subaward updates on the project. As reports are submitted, indicate updates or changes for each quarter. For each report, please indicate if there was a change from the prev</i>			
Question	Quarter 1 Update	Quarter 2 Update	
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			

[illegible]

ly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3)

Progress to Date				Progress Notes
Q1	Q2	Q3	Q4	Write below, as appropriate.

as a change from the previous quarter. If yes, please provide an explanation in the	
Quarter 3 Update	Quarter 4 Update

ious report. If yes, please provide an explanation in the subsequent cell.	
Quarter 3 Update	Quarter 4 Update

**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program**

Financial and Narrative Summary - Year 4

*Note: *Fields that contain the symbol (*) are dependant of Grants Terms and Conditions.*

Grant Recipient	
Grant Number	
Project Title	

Total EPA Funds Expended: Year 1	\$ -
*Reporting Cadence	Quarterly
Project Reporting Period	

Table 9. Year 4 Annual Report

Record and update project expenses at each interval according to the reporting cadence determined by your Project Officer. Previous fields should remain and edits should be made to the w

Enter Dates for this Reporting Period	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date
			VW Mitigation Funds (State program only)	Other Funds				VW Mitigation Funds (State program only)	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 10. Project Updates - Narrative Responses
Record and update project updates below.

Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information according: progress, or 3) Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.

Fiscal Year	Activities	Anticipated Outcomes

Please provide programmatic and narrative financial updates on the project. As reports are submitted, indicate updates or changes for each report. For each report, please indicate if there was a subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	Continued
Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.			
Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)			
Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.			
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?			
If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.			
Have there been any major personnel changes during this reporting period?			

Did any public relations events regarding this grant take place during the reporting period?			
Are you using websites or other tools used to relay information about this grant to the public?			
What project activities are planned for the next reporting period?			
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.			
(State program only)What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.			
Do you have any other comments or feedback?			

Subaward Reporting Requirements			
Please provide subaward updates on the project. As reports are submitted, indicate updates or changes for each quarter. For each report, please indicate if there was a change from the previous report.			
Question	Quarter 1 Update	Quarter 2 Update	Change from Previous Report
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			

Use of Expenditure

Whenever interannual reports are submitted. Note the table will update based upon the Reporting Cadence field, selected above.

[illegible]

ly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In

Progress to Date				Progress Notes
Q1	Q2	Q3	Q4	Write below, as appropriate.

as a change from the previous quarter. If yes, please provide an explanation in the

Quarter 3 Update	Quarter 4 Update

ious report. If yes, please provide an explanation in the subsequent cell.	
Quarter 3 Update	Quarter 4 Update

**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program**
Financial and Narrative Summary - Year 5

Note: *Fields that contain the symbol (*) are dependant of Grants Terms and Conditions.

Grant Recipient	
Grant Number	
Project Title	

Total EPA Funds Expended: Year 1	\$	-
*Reporting Cadence	Quarterly	
Project Reporting Period		

Table 11. Year 5 Annual

Record and update project expenses at each interval according to the reporting cadence determined by your Project Officer. Previous fields should remain and edits should be made to the w

Enter Dates for this Reporting Period	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date	EPA Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Cost Share Expended this Reporting Period		Total Project Cost To Date
			VW Mitigation Funds (State program only)	Other Funds				VW Mitigation Funds (State program only)	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 12. Project Updates - Narrative Responses		
Record and update project updates below.		
Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information accordingly. Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.		
Fiscal Year	Activities	Anticipated Outcomes

Please provide programmatic and narrative financial updates on the project. As reports are submitted, indicate updates or changes for each report. For each report, please indicate if there w subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	
Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.			
Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)			
Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.			
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?			
If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.			
Have there been any major personnel changes during this reporting period?			

Did any public relations events regarding this grant take place during the reporting period?			
Are you using websites or other tools used to relay information about this grant to the public?			
What project activities are planned for the next reporting period?			
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.			
(State program only)What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.			
Do you have any other comments or feedback?			

Subaward Reporting Requirements			
<i>Please provide subaward updates on the project. As reports are submitted, indicate updates or changes for each quarter. For each report, please indicate if there was a change from the prev</i>			
Question	Quarter 1 Update	Quarter 2 Update	
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			

Rate of Expenditure

Whenever interannual reports are submitted. Note the table will update based upon the Reporting Cadence field, selected above.

[illegible]

ly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3)

Progress to Date				Progress Notes
Q1	Q2	Q3	Q4	Write below, as appropriate.

as a change from the previous quarter. If yes, please provide an explanation in the	
Quarter 3 Update	Quarter 4 Update

ious report. If yes, please provide an explanation in the subsequent cell.	
Quarter 3 Update	Quarter 4 Update

**U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program
Amendments**

Instructions

Please use this tab to indicate any changes in planning activities, vehicle or equipment numbers, as well as numbers of infrastructure items, and/or funding amounts post-award. Use one row per

Were there any changes to planned activities, including vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in Year 1 of the project period of performance? If yes, please indicate the change(s) using the table below.	(Y or N)
Were there any changes to planned activities, including vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in Year 2 of the project period of performance? If yes, please indicate the change(s) using the table below.	(Y or N)
Were there any changes to planned activities, including vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in Year 3 of the project period of performance? If yes, please indicate the change(s) using the table below.	(Y or N)
Were there any changes to planned activities, including vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in Year 4 of the project period of performance? If yes, please indicate the change(s) using the table below.	(Y or N)
Were there any changes to planned activities, including vehicle or equipment numbers, number of infrastructure items, and/or funding amounts in Year 5 of the project period of performance? If yes, please indicate the change(s) using the table below.	(Y or N)

Table 13. Post-Award Amendments

	Changes to Vehicle, Equipment, or Eligible Infrastructure Deployment			
	Update Year (select from dropdown)	Type of Amendment (Select from dropdown)	Original Vehicle, Equipment, or Eligible Infrastructure Type	Updated Vehicle, Equipment, or Eligible Infrastructure Type
Ex 1	Year 1 Update	Changes to Vehicle or Equipment Deployment	Company A RTG Electric Crane v2000	Company A RTG Electric Crane v3000
Ex 2	Year 1 Update	Changes to Other Planned Activities		
1				
2				
3				
4				

5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

per amendment made. Fill out this tab at the end of each year of project performance.

	Number of Amendments By Year	Change in Funding Amount by Year
Project Year 1	0	\$ -
Project Year 2	0	\$ -
Project Year 3	0	\$ -
Project Year 4 (if applicable)	0	\$ -
Project Year 5 (if applicable)	0	\$ -

		Other Changes	Corresponding Funding Changes		Change in Funding Amount
Original Quantity of Vehicle, Equipment, or Eligible Infrastructure Type	Updated Quantity of Vehicle, Equipment, or Eligible Infrastructure Type	If other changes selected, describe	Original Funding Request Amount	Updated Funding Request Amount	
25	20		\$ 1,250,000	\$ 1,300,000	\$ (50,000)
		Decreased personnel funding required	\$ 15,000	\$ 12,000	\$ 3,000
					\$ -
					\$ -
					\$ -
					\$ -

					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-

U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program
DERA Priorities

Grant Recipient	
Program FY	
Grant Number	
Project Title	

Instructions

Please complete this tab if your organization committed to ANY community engagement, sustainability, workforce development, climate impact resiliency, or leveraging of additional external funds actions or commitments in your application, as referred to in the evaluation metrics defined in the NOFO or Program Guide. Only cells shaded in **blue** need to be filled out; cells shaded in yellow will automatically populate based on information entered in earlier tabs. **If planned activities or commitments changed between the submitted application and approved workplan, please indicate on the first question below.** Please use the drop downs for columns to indicate any updates that occurred during the reporting period indicating continued progress towards commitments. At the end of each of the sections below, there is a cell to provide additional narrative responses, as appropriate. **For narrative responses, please include at least 1-2 sentences.** Please take care to ensure all questions are answered; the final question is on row 144 of this sheet.

Did any planned activities or commitments change between the submitted application and the approved workplan?	(Y or N)
If no, please jump to the next section, "Prioritized Communities and Withdrawn Participants." If yes, please provide context and details to the approved changes (example: the number of school buses was reduced due to partial funding).	

Table 14. Prioritized Communities and Withdrawn Participants

1. Did the workplan demonstrate that the project will benefit nonattainment, maintenance, and/or areas of air toxics concern as defined in the NOFO or Program Guide?	(Y or N or N/A)
2. Did any of the beneficiaries from the workplan decide to no longer participate in the project? If yes, please use the rows below to indicate which beneficiaries withdrew their participation from the project, and if applicable, please note what beneficiary was chosen as a replacement. <i>Note: Please add additional rows as needed.</i>	(Y or N or N/A)

Withdrawn Beneficiary	Project location (State, County)	Nonattainment, Maintenance, or Area of Air Toxics Concern?	Date of Withdrawal	Brief Description of Reason for Withdrawal	Replacement Beneficiary (use "N/A" if beneficiary not replaced)	Project location (State, County)	Nonattainment, Maintenance, or Area of Air Toxics Concern?
		(Y or N or N/A)	Select Reporting Period				(Y or N or N/A)
		(Y or N or N/A)	Select Reporting Period				(Y or N or N/A)
		(Y or N or N/A)	Select Reporting Period				(Y or N or N/A)
		(Y or N or N/A)	Select Reporting Period				(Y or N or N/A)
		(Y or N or N/A)	Select Reporting Period				(Y or N or N/A)
		(Y or N or N/A)	Select Reporting Period				(Y or N or N/A)

Table 15. Community Engagement

Did the workplan demonstrate actions and/or commitments to engage communities? <i>If no, please jump to the next section, "Project Sustainability". If yes, please complete the rest of this section.</i>			(Y or N)	
1. How did the workplan demonstrate engagement with the communities identified above, especially local residents, to ensure their meaningful participation with respect to the design, planning, and performance of the project?				
Policy/Process to Engage Communities and Point of Contact		Application	Status Update	Reporting Period Completed
1. Did the workplan for this project demonstrate that the recipient and/or project partner(s) has an existing clear point of contact in a public platform (e.g., newsletter, website) for community issues and complaints (specific to air quality or broader) and a publicly documented policy or process to engage communities and get their input on operations and projects that impact air quality? The process could be a meeting in the past year and/or a policy or process to have a meeting or otherwise get input (e.g., a standing citizens advisory committee). <i>Please include any narrative details in question 2.</i>		(Y or N or N/A)		
1.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to completing one before the end of the project period?		(Y or N or N/A)		
1.b. To date, has the recipient and/or project partner(s) completed this commitment?			Select Status	Select Reporting Period
2. Please provide any additional details and/or a status update to be provided for this category, including but not limited to the URL(s) where the public can find the clear point of contact and policy or process; a description of the point of contact and policy or process; and any other relevant information. Please use the drop downs under 'Please Select One' to indicate when the update was completed. <i>Note: Do not delete data from prior quarterly reports. If providing updates for multiple quarters in one year, please indicate all updates in the same cell.</i>				
				Select Date
				Please Select One
				Please Select One
3. Does the recipient have a publicly available baseline mobile source emission inventory for PM2.5 and/or NOx that was completed after 2016?				(Y or N or N/A)
3.a. If no, does the recipient commit to completing one before the end of the project period?				(Y or N or N/A)
3.b. Please provide any additional details.				

4. Does the recipient have a publicly available plan to reduce mobile source emissions that includes specific PM2.5 and/or NOx emission targets that was completed after 2017?	(Y or N or N/A)
4.a. If no, will the recipient have a documented commitment to have a publicly available plan to reduce mobile source emissions that includes specific PM2.5 and/or NOx emission targets BEFORE the end of the project period?	(Y or N or N/A)
4.b. Please provide any additional details.	

Table 16. Project Sustainability

Did the workplan demonstrate actions and/or commitments to promote sustainable project results and benefits? <i>If no, please jump to the next section, "Workforce Development". If yes, please complete the rest of this section.</i>		(Y or N)	
1. How did the workplan demonstrate that project results and benefits will be sustainable and that the applicant and project partners have the ability to promote and continue efforts to reduce emissions from school buses after EPA funding for the project has ended?			
A. Zero-Emission Projects <i>For non-ZE projects, skip to part B.</i>		Application	Status Update Reporting Period Completed
A1. Did the workplan for this project demonstrate coordination and/or consultation with utilities on the feasibility of the project? This could include, but is not limited to, discussion with utilities on project charging needs, project upgrade needs, project costs, rates for future service, and/or the timeframe for necessary upgrades. Please include any narrative details in question A2.		(Y or N or N/A)	
A1.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to such coordination before the end of the project period?		(Y or N or N/A)	
A1.b. To date, has the recipient and/or project partner(s) completed this commitment?			Select Status Select Reporting Period
A2. Please provide additional details and any relevant status updates for this section, including but not limited to describing the extent of coordination with utilities, noting the timing and frequency of discussions with utilities, and any project decisions impacted by these discussions. Please use the drop downs under 'Please Select One' to indicate when the update was completed. <i>Note: Do not delete data from prior quarterly reports. If providing updates for multiple quarters in one year, please indicate all updates in the same cell.</i>			
			Please Select One
			Please Select One

Please Select One

B. Non Zero-Emission Projects	Application	Status Update	Reporting Period Completed
B1. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have existing idle reduction policies? <i>Please include any narrative details in question B4.</i>	(Y or N or N/A)		
B1.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to completing one before the end of the project period?	(Y or N or N/A)		
B1.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
B2. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have contract specifications requiring the use of cleaner, more efficient vehicles and equipment? <i>Please include any narrative details in question B4.</i>	(Y or N or N/A)		
B2.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to completing one before the end of the project period?	(Y or N or N/A)		
B2.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
B3. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have adopted other strategies to promote and continue efforts to reduce diesel emissions? If yes, please describe the other policies in more detail below. <i>Please include any narrative details in question B4.</i>	(Y or N or N/A)		
B3.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to adopting one or more strategies before the end of the project period?	(Y or N or N/A)		
B3.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
B4. Please provide additional details and any relevant status updates for this section, including but not limited to descriptions of idle reduction policies, contract specifications, and/or any additional diesel emission reduction strategies, as well as any changes made to these throughout the project period. Please use the drop downs under 'Please Select One' to indicate when the update was completed. <i>Note: Do not delete data from prior quarterly reports. If providing updates for multiple quarters in one year, please indicate all updates in the same cell.</i>			
			Please Select One

		Please Select One
		Please Select One

Table 17. Workforce Development			
Did the workplan demonstrate actions and/or commitments to promote workforce development? <i>If no, please jump to the next section, "Project Resilience to Climate Impacts". If yes, please complete the rest of this section.</i>			(Y or N)
1. How did the workplan demonstrate a plan to prepare the workforce for the project?			
	Application	Status Update	Reporting Period Completed
2. Did the workplan for this project demonstrate that current drivers, mechanics, electricians, and other essential personnel have received training to safely operate and maintain the new vehicles and infrastructure? This could include the establishment of workforce training programs for zero emission vehicles and charging infrastructure. Please include any narrative details in question 6.	(Y or N or N/A)		
2.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to ensuring current drivers, mechanics, electricians, and other essential personnel receive training to safely operate and maintain the new buses and infrastructure before the end of the project period?	(Y or N or N/A)		
2.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
3. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have clarified protections to ensure existing workers are not replaced or displaced because of new technologies? <i>Please include any narrative details in question 6.</i>	(Y or N or N/A)		
3.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to clarifying protections to ensure existing workers are not replaced for displaced because of new technologies before the end of the project period?	(Y or N or N/A)		
3.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period

<p>4. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have increased the availability of domestic manufacturing and workforce for zero- and near-zero emission vehicles, engines, and other key components (e.g., batteries)? <i>Please include any narrative details in question 6.</i></p>	<p>(Y or N or N/A)</p>		
<p>4.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to increasing the availability of domestic manufacturing and workforce for zero- and near-zero emission vehicles, engines, and other key components (e.g., batteries) before the end of the project period?</p>	<p>(Y or N or N/A)</p>		
<p>4.b. To date, has the recipient and/or project partner(s) completed this commitment?</p>		<p>Select Status</p>	<p>Select Reporting Period</p>

5. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have other measures and/or policies in place to promote workforce development? If yes, please describe the other measures and/or policies in more detail below. <i>Please include any narrative details in question 6.</i>	(Y or N or N/A)		
5.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit establishing measures and/or policies to promote workforce development before the end of the project period?	(Y or N or N/A)		
5.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
6. Please provide additional details and any relevant status updates for this section, including but not limited to details on training programs, protections for existing workers, measures taken to increase the availability of domestic manufacturing and workforce, and/or descriptions of any additional policies and measures to promote workforce development, as well as any changes made to these throughout the project period. Please use the drop downs under 'Please Select One' to indicate when the update was completed. <i>Note: Do not delete data from prior quarterly reports. If providing updates for multiple quarters in one year, please indicate all updates in the same cell.</i>			
			Please Select One
			Please Select One
			Please Select One

Table 18. Project Resilience			
Did the workplan demonstrate actions and/or commitments to promote project resilience to extreme weather? <i>If no, please jump to the next section, "Leveraging of Additional External Funds". If yes, please complete the rest of this section.</i>			(Y or N)
1. How did the workplan demonstrate planning or action taken towards building project resilience and reducing vulnerabilities to extreme weather?			
	Application	Status Update	Reporting Period Completed

2. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have assessed and implemented extreme weather adaptation considerations to help ensure that the project achieves its expected outcomes even as the climate changes? This could include assessing project vulnerability to local extreme weather impacts when making siting decision and operational plans, ensuring fleets and equipment are protected from extreme weather impacts, and/or protecting infrastructure from storm damage. <i>Please include any narrative details in question 4.</i>	(Y or N or N/A)		
2.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit to assessing and implementing climate change adaptation considerations before the end of the project period?	(Y or N or N/A)		
2.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
3. Did the workplan for this project demonstrate that the recipient and/or project partner(s) have other measures and/or policies in place to promote project resilience to extreme weather? If yes, please describe the other measures and/or policies in more detail below. <i>Please include any narrative details in question 4.</i>	(Y or N or N/A)		
3.a. If no, did the workplan for this project demonstrate that the recipient and/or project partner(s) commit establishing measures and/or policies to promote project resilience to extreme weather impacts before the end of the project period?	(Y or N or N/A)		
3.b. To date, has the recipient and/or project partner(s) completed this commitment?		Select Status	Select Reporting Period
4. Please provide additional details and any relevant status updates for this section, including but not limited to details on extreme weather impact assessments, descriptions of project decisions impacted by these assessments, and/or descriptions of any additional policies and measures to promote project resilience to extreme weather impacts, as well as any changes made to these throughout the project period. Please use the drop downs under 'Please Select One' to indicate when the update was completed. Note: Do not delete data from prior quarterly reports. If providing updates for multiple quarters in one year, please indicate all updates in the same cell.			
			Please Select One
			Please Select One
			Please Select One
			Please Select One

Table 19. Leveraging of Additional External Funds

Did the workplan demonstrate that the recipient has leveraged or plans to leverage additional external funds in order to support proposed project activities? If no, please select "no" and no other information is needed for this section, and you may proceed to Table 20 on the next tab. If yes, please select "yes" and complete the rest of this section.	(Y or N)
---	-----------------

1. How did the workplan demonstrate that the recipient has leveraged or plans to leverage additional external funds in order to support proposed project activities, as well as how these funds will be used to contribute to the performance and success of the project?

--

2. Please provide updates on proposed or secured additional external funds using the rows below. This should include additional external leveraged funds, but should *not* include applicant funds. 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.

Source Name	Amount (\$)	Status	Reporting Period Awarded
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period

		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
		Please Select One	Select Reporting Period
3. Are there any updates to be provided or additional information for any proposed or secured additional external funds? If yes, please provide additional details and a status update below, 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 your plans to make up for these funds. Please use the drop downs under 'Please Select One' to indicate when the update was completed. <i>Note: Do not delete data from prior quarterly reports. If providing updates for multiple quarters in one year, please indicate all updates in the same cell.</i>			(Y or N or N/A)
			Please Select One

U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program
Fleet Description

INSTRUCTIONS: This Fleet Description should detail all vehicles and engines impacted under the project. The fields below align with EPA's Diesel Emission Quantifier (DEQ), a requirement for the application. The description is broken into two sections: 1) Current Vehicle and Engine Information and 2) New Vehicle and Engine Upgrade Information. All rows of data are required, unless specified as not being applicable in the Dictionary) for additional guidance on each field.
Each vehicle/engine group column below can represent one or more similar pieces of equipment operating in the same fleet. You can copy and paste additional columns as needed to capture all vehicle information.
Note: Individual marine vessels must be listed in separate vehicle/engine group columns. If both auxiliary and propulsion engines on an individual vessel are part of a project, these different engine types must be listed separately.
Fields that contain the symbol () will not populate dropdown options until preceding field is selected.

Table 20. CURRENT VEHICLE AND ENGINE INFORMATION

Table 20a. Basic Fleet Information				Table 20b. Current Vehicle Information					
Vehicle	Group Name	Fleet Owner	Publicly or Privately Owned (select from dropdown)	Equipment Type (select from dropdown)	*Target Fleet (select from dropdown)	Vehicle Class (onroad vehicles, as defined in data dictionary)	Vehicle or Engine Group Sector	Vocation	Vehicle Identification Number (VIN) (Use Capital Letters)
Example Vehicle	Sample	Company A	Publicly Owned	Onroad	Transit Bus	Class 6	Municipal	Other	1234567891011
Vehicle 1									
Vehicle 2									
Vehicle 3									
Vehicle 4									
Vehicle 5									
Vehicle 6									
Vehicle 7									
Vehicle 8									
Vehicle 9									
Vehicle 10									
Vehicle 11									
Vehicle 12									
Vehicle 13									
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Vehicle 99									
Vehicle 100									

ation, workplan, and final reports as part of program grant requirements. The Fleet Description should be updated quarterly with all vehicle and engine upgrades completed. This Fleet cable to the Equipment Type or Target Fleet. These exceptions are highlighted in parentheses in the table below. Please refer to the Fleet Description data definitions on tab 12 (Data

se/engine groups. Please indicate in the Financial Information row the fiscal year of funds used for the activity described within the table.

es must be listed in separate vehicle/engine group columns.

10. Fleet Description
Page 84 of 320

[illegible]

[illegible]

Table 20e. Place of Performance[illegible]

[illegible][illegible]

[illegible]

[illegible]

Table 21b. Vehicle Replacement and/or Upgrade Information

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Compliance

[illegible]

[illegible]

U. S. Environmental Protection Agency
Diesel Emissions Reduction Act (DERA) Grant Program
Infrastructure Description

Instructions

The EVSE Equipment Information table (Table 22) should detail all electric vehicle supply equipment (EVSE) purchased under the project that uses any source of funding. The Shore Power Infrastructure details purchased as part of the project that uses any source of funding. Any other eligible infrastructure included in the project, that uses any source of funding, should be included only fill out shaded cells highlighted blue with a diagonal pattern (///); however, additional rows may be added as needed to capture all equipment. Please refer to the infrastructure data definition. Reminder: All Level 2 EVSEs must be ENERGY STAR certified. All EVSE and other infrastructure projects must comply with Build America, Buy America (BABA) requirements. See below for more information.

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 (BABA), Public Law 117-58, §§ 70901-52, and in 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 pay for the replacement of infrastructure, then BABA applies to the entire infrastructure project. For more information, please visit <https://www.epa.gov/ports-initiative/cleanports#otaq-baba>.

Table 22: Electric Vehicle Supply Equipment Information

	Table 22a. EVSE Equipment Information Overview						
	Type of Charger	If Level 2, is it ENERGY STAR certified	EVSE Manufacturer	EVSE Model	EVSE Manufacture Year	Is the EVSE BABA Compliant?	EVSE Maximum Output Power (kW)
Example EV Infrastructure	Level 2	Yes	Manufacturer Name	Model Name	2023	Yes - This Infrastructure is BABA Compliant	24
EVSE Group 1							
EVSE Group 2							
EVSE Group 3							

EVSE Group 4							
EVSE Group 5							
EVSE Group 6							
EVSE Group 7							
EVSE Group 8							
EVSE Group 9							
EVSE Group 10							

Table 23: Shore Power Information							
	Table 23a. Shore Power Equipment Information & Demand Overview						
	Type of Shore Power Connection	Total Voltage Service Provided (select from dropdown)	Total Voltage Service Provided, if not listed	Manufacturer	Model	Manufacture Year	Typical Engine Tier of Vessels Using Shore Power
Example Shore Power Infrastructure	High voltage shore power connection (HVSC)	6.6 kV	10 kV	Manufacturer Name	Model Name	2023	Tier 1
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							

Are there any other infrastructure projects associated with this grant that are not listed above (e.g. electrified parking space, stationary generator or other stationary equipment)?

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

information table (Table 23) should detail all shore power included in the free response at the bottom of this page. Please refer to the definitions on Tab 13 (Data Dictionary) for data field definitions. For more information on BABA.

was signed into law. BABA requires that on or after May 14, 2022, the start of a project that includes the installation, upgrading, or

Number of Plugs on EVSE	Is the EVSE Capable of Bidirectional Charging?	Will the Vehicle/Equipment and EVSE be Used for Vehicle to Grid (V2G)?	Number of EVSE Units	EVSE Equipment Cost only Per Unit:	Total Federal Funds Expended Per EVSE Unit	Total Federal Funds Expended for EVSE	Date of EVSE was Manufactured (mm/dd/yyyy)	Date of EVSE Installation (mm/dd/yyyy)
2	No	No	2	\$ 18,000.00	\$ 12,000.00	\$ 24,000.00	3/28/2024	6/28/2024

								Table 23b. Location
Fuel Type of Vessels Using Shore Power	Number of Annual Vessel Calls to Berth where Shore Power Installed	Average Hotel Hours per Vessel Call per Berth where Shore Power Installed	Number of Vessel Berths that can be served by Shore Power Pedestal	Maximum Output Power (kW)	Estimated Annual Total Energy Provided in MW-h	Number of Plugs per Shore Power Pedestal	Number of Shore Power Pedestals	State (select from dropdown)
Marine Gas Oil (MGO, 0.10% S)	500	72	1	24	1 MW-h	2	2	VA

	(Y or N)

Table 22b. Location of EV Infrastructure					
Date EVSE Operational (mm/dd/yyyy)	State (select from dropdown)	County (select from dropdown)	City	Zip Code	Street Address of Charger(s)
8/28/2024	VA	Arlington County	Alexandria	22305	400 1st Street

of Shore Power Infrastructure					Table 23c. Installation Details
County <i>(select from dropdown)</i>	City	Zip Code	Port Facility where Shore Power Installed	Who owns the Shore Power Infrastructure?	Total Funds Expended Installation Cost for Shore Power Group
Arlington County	Alexandria	22305	Port of Guam	Port of Guam	\$ 120,000.00

Table 22c. Charging Management Service Providers				
Who owns the charger?	Anticipated User(s) of the charger	Name of Charging Management Service Provider (NA if not applicable)	Does the Infrastructure Equipment Cost Include Charging Management Service? (Yes/No)	If Charging Management Service not included in cost, but is acquired, what is the cost and frequency of charges?
Walton School District	Electric school buses serving Walton School District	Charge Manage & Co.	Yes	\$250 per charger per month

Total Federal Funds Expended Installation Cost for Shore Power Group	Does the Infrastructure Equipment Cost Include Installation?	Description of Installation Work, including all equipment installed	Installation Work Performed By	Date(s) Shore Power Equipment was Manufactured (mm/dd/yyyy)
\$ 70,000.00	No	Upgrades to the electrical panel, wiring, and installation for two DCFC	XYZ Electric Co.	5/25/2023

Table 22d. Infrastructure Installation Information				
Total Funds Expended on Installation Cost	Total EPA Funds Expended on Installation Cost	Does the Infrastructure Equipment Cost Include Installation?	Description of Installation Work	Installation Work Performed By
\$ 12,000.00	\$ 7,000.00	No	Upgrades to the electrical panel, wiring, and installation for two DCFC	XYZ Electric Co.

Table 23d. Shore Power BABA Details				
Date Equipment Installed	Date Equipment Fully Operational	Is waiver being used to fulfill BABA compliance for this infrastructure?	If 'Yes - Other Waiver' selected, please describe	Are the Shore Power Equipment, Housing, and all Accessories BABA Compliant?
6/24/2024	8/24/2024	No - Infrastructure meets all BABA requirements		Yes - Housing, Wiring, Cables, and All Accessories are BABA Compliant

			Table 22e. EVSE Cost Summary	
Installation was conducted by an individual who meets the infrastructure electrician requirements as outlined in the program guidance?	Is waiver being used to fulfill BABA compliance for this infrastructure?	If 'Yes - Other Waiver' selected, please describe	Total EPA Funds Expended on EVSE Equipment and Installation	Total Funds Expended on EVSE Equipment and Installation
Yes - Certification from EVITP	No - Infrastructure meets all BABA requirements		\$31,000.00	\$48,000.00

Table 23e. Shore Power Cost Summary				
If No, Partly Compliant, or Unsure, explain	Equipment Cost only Per Shore Power Pedestal:	Total Federal Funds Expended Per Shore Power Pedestal	Total Federal Funds Expended for All Shore Power Equipment (total # of pedestals x Federal Funds Expended/pedestal)	Federal Cost Share Expended For Shore Power Equipment
	\$ 18,000.00	\$ 12,000.00	\$ 24,000.00	67%
			\$ -	
			\$ -	
			\$ -	
			\$ -	

			\$	-	
			\$	-	
			\$	-	
			\$	-	
			\$	-	
			\$	-	

	Table 22f. Optional Participation in Future of Transportation Research		Table 22g. EVSE Serial Number	
Federal Cost Share Expended Per Unit (% of Total Cost per EVSE)	EPA or its partners may contact me about participating in research opportunities to provide EVSE data that could inform future transportation work. (Yes/No)	If Yes, Primary Point of contact (Name and email)	Serial Number: Unit 1	Serial Number: Unit 2
65%	Yes	Sarah Smith, Smith.Sarah@hsd.edu	L1-0357-ISO-3240-049390	VX-1263-11C1-2-2310-05642

	Table 23f. Optional Participation in Future of Transportation Research	Table 23g. Shore Power Serial Number		
Federal Cost Share for Shore Power Installation	EPA or its partners may contact me about participating in research opportunities to provide data that could inform future transportation work. (Yes/No)	If Yes, Primary Point of contact (Name and email)	Serial Number: Unit 1	Serial Number: Unit 2
58%	Yes	Sarah Smith, Smith.Sarah@hsd.edu	L1-0357-ISO-3240-049390	VX-1263-11C1-2-2310-05642

Serial Number: Unit 3	Serial Number: Unit 4	Serial Number: Unit 5	Serial Number: Unit 6	Serial Number: Unit 7
170182509830170	9124-1GT05-09830170	VX-1265-11C1-2-2635-07842	VX-1264-11C1-2-2502-05872	VX-1266-11C1-2-2502-05642

Serial Number: Unit 3	Serial Number: Unit 4	Serial Number: Unit 5	Serial Number: Unit 6	Serial Number: Unit 7
170182509830170	9124-1GT05-09830170	VX-1265-11C1-2-2635-07842	VX-1264-11C1-2-2502-05872	VX-1266-11C1-2-2502-05642

Serial Number: Unit 8	Serial Number: Unit 9	Serial Number: Unit 10	Serial Number: Unit 11	Serial Number: Unit 12
VX-1267-11C1-2-2502-15426	VX-1268-11C1-2-2503-96834	9125-1GT27-0983253	VX-1269-11C1-2-2502-05872	VX-1270-11C1-2-2502-05872

Serial Number: Unit 8	Serial Number: Unit 9	Serial Number: Unit 10	Serial Number: Unit 11	Serial Number: Unit 12
VX-1267-11C1-2-2502-15426	VX-1268-11C1-2-2503-96834	9125-1GT27-0983253	VX-1269-11C1-2-2502-05872	VX-1270-11C1-2-2502-05872

Serial Number: Unit 13	Serial Number: Unit 14	Serial Number: Unit 15	Serial Number: Unit 16	Serial Number: Unit 17
VX-1271-11C1-2-2502-05872	VX-1272-11C1-2-2502-05872	VX-1273-11C1-2-2502-05872	VX-1274-11C1-2-2502-05872	VX-1275-11C1-2-2502-05872

Serial Number: Unit 13	Serial Number: Unit 14	Serial Number: Unit 15	Serial Number: Unit 16	Serial Number: Unit 17
VX-1271-11C1-2-2502-05872	VX-1272-11C1-2-2502-05872	VX-1273-11C1-2-2502-05872	VX-1274-11C1-2-2502-05872	VX-1275-11C1-2-2502-05872

Serial Number: Unit 18	Serial Number: Unit 19	Serial Number: Unit 20	Serial Number: Unit 21	Serial Number: Unit 22
VX-1276-11C1-2-2502-05872	VX-1277-11C1-2-2502-05872	VX-1278-11C1-2-2502-05872	VX-1279-11C1-2-2502-05872	VX-1280-11C1-2-2502-05872

Serial Number: Unit 18	Serial Number: Unit 19	Serial Number: Unit 20	Serial Number: Unit 21	Serial Number: Unit 22
VX-1276-11C1-2-2502-05872	VX-1277-11C1-2-2502-05872	VX-1278-11C1-2-2502-05872	VX-1279-11C1-2-2502-05872	VX-1280-11C1-2-2502-05872

Serial Number: Unit 23	Serial Number: Unit 24	Serial Number: Unit 25	Serial Number: Unit 26	Serial Number: Unit 27
VX-1281-11C1-2-2502-05872	VX-1282-11C1-2-2502-05872	VX-1283-11C1-2-2502-05872	VX-1284-11C1-2-2502-05872	VX-1285-11C1-2-2502-05872

Serial Number: Unit 23	Serial Number: Unit 24	Serial Number: Unit 25	Serial Number: Unit 26	Serial Number: Unit 27
VX-1281-11C1-2-2502-05872	VX-1282-11C1-2-2502-05872	VX-1283-11C1-2-2502-05872	VX-1284-11C1-2-2502-05872	VX-1285-11C1-2-2502-05872

Serial Number: Unit 28	Serial Number: Unit 29	Serial Number: Unit 30
VX-1286-11C1-2-2502-05872	VX-1287-11C1-2-2502-05872	VX-1288-11C1-2-2502-05872

Serial Number: Unit 28	Serial Number: Unit 29	Serial Number: Unit 30
VX-1286-11C1-2-2502-05872	VX-1287-11C1-2-2502-05872	VX-1288-11C1-2-2502-05872

U. S. Environmental Protection Agency
DERA Grant Report
Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Table 24. Final Emissions - Actual Results

Record final project information for DEQ results. Each fiscal year of funding should be reported separately (emission results for the first fiscal year should be reported in the first results table the second fiscal year should be reported in the second results table). Tip: Copy and paste results from the Diesel Emission Quantifier Results webpage or excel export.

Please select fiscal year from the drop down menu.

<u>Annual Results (short tons)</u>	NOx	PM2.5	HC	CO	CO2	Fuel
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						
<u>Lifetime Results (short tons)</u>						
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						
<u>Lifetime Cost Effectiveness (\$/short ton reduced)</u>						
Capital Cost Effectiveness (unit & labor costs only)						
Total Cost Effectiveness (includes all project costs)						

Please select fiscal year from the drop down menu.

<u>Annual Results (short tons)</u>	NOx	PM2.5	HC	CO	CO2	Fuel
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						

U. S. Environmental Protection Agency

DERA Grant Report

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Percent Reduced After Upgrades						
--------------------------------	--	--	--	--	--	--

Lifetime Results (short tons)

Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						

Lifetime Cost Effectiveness (\$/short ton reduced)

Capital Cost Effectiveness (unit & labor costs only)						
Total Cost Effectiveness (includes all project costs)						

U. S. Environmental Protection Agency
DERA Grant Report
Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Table 25. Project Updates - Narrative Responses Record final project information.			
Please paste the planned activities, outputs, and outcome from the last quarterly report. Please indicate the final results below. Please select the fiscal year of funds used for the activity			
Fiscal Year	Activities	Anticipated Outputs	Anticip
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			

U. S. Environmental Protection Agency

DERA Grant Report

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			
Please select fiscal year from the drop down menu.			

U. S. Environmental Protection Agency

DERA Grant Report

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Table 26. Additional Questions

Please provide programmatic and narrative financial results on the project.

Question	Answer
Provide a narrative description of the project and summarize the accomplishments that occurred during the grant period.	
Did you award any rebates or subawards during the grant period? If so, list the recipients, how much funding they received, and the good/services provided.	

**U. S. Environmental Protection Agency
DERA Grant Report**

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the original project Work Plan. This information may include:

- ? Number of replaced or retrofitted engines/vehicles/equipment and/or hours of idling reduced;
- ? Adoption of an idle-reduction policy or changes in driver behavior regarding idling practices
- ? Dissemination of the project information and increased knowledge via list serves, websites, journals, and press/outreach events (provide web links where applicable);
- ? Widespread adoption of the implemented technology;
- ? Increased public awareness of project and results
- ? Other

If anticipated outputs/outcomes and/or timelines/milestones from the original submitted proposal were not met, why not? Did you encounter any problems during the grant period which may have precluded you from meeting the project objectives?

How did you remedy any problems? Detail how and the date you had to address any problems that changed the original work plan and/or work plan schedule.

U. S. Environmental Protection Agency

DERA Grant Report

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

Provide a narrative discussion of the successes and lessons learned for the entire project.	
If any cost-share funds are reported, identify the source of the funds.	
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
DERA Grant Report**

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

For projects involving vehicle/equipment replacement and repowers provide:
1) Evidence that the replacement activity is an “early replacement,” and would not have occurred during the project period through normal attrition (i.e. without the financial assistance provided by EPA). Supporting evidence can include verification that the vehicles or equipment replaced had useful life left and fleet characterization showing fleet age ranges and average turnover rates per the vehicle or fleet owner’s budget plan, operating plan, standard procedures, or retirement schedule; and
2) Evidence of appropriate scrappage or remanufacture, including the engine serial number and/or the vehicle identification number (VIN). **Include Attachments as Necessary*

For projects that take place in an area affected by, or that include affected vehicles, engines or equipment affected by, Federal, State or local law mandating emissions reductions, provide evidence that emission reductions funded with EPA funds were implemented prior to the effective date of the mandate and/or are in excess of (above and beyond) those required by the applicable mandate. **Include Attachments as Necessary*

U. S. Environmental Protection Agency

DERA Grant Report

Final Report: Financial and Narrative Summary

Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

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 DERA success stories.	
(State program only)What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.	
Do you have any other comments or feedback?	

Table 27. 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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U. S. Environmental Protection Agency DERA Grant Report <i>Final Report: Financial and Narrative Summary</i>
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Grant Recipient	
Grant Number	
Project Title	
DERA Program	

Total EPA Funds Awarded	\$
Total Voluntary Cost Share	\$
Total Mandatory Cost Share Amount	\$
Total Project Costs (Fed. + Cost Share)	\$
Federal (EPA) Funds Expended to Date	\$
Federal (EPA) Funds Remaining	\$

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	

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able and emission results from
port file.

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described in the table.	
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Fleet Description Data Fields: Please refer to the following data field dictionary for support in completing tab 10 (Fleet Description).

CURRENT VEHICLE AND ENGINE UPGRADE INFORMATION

Basic Fleet Information

Group Name	Enter the group name of the fleet.
Fleet Owner	Enter the first and last name of the individual or organization that owns the fleet.
Publicly or Privately Owned?	If the vehicles are part of a public fleet or benefit the public (i.e. a private school bus company contracted by a public school; drayage vehicles that serve a port; private construction equipment contracted to a public works project, etc.) enter "Publicly", otherwise enter "Privately".
Place of Performance	Enter the next four fields for each vehicle's place(s) of performance.
- State(s):	Enter the two letter postal code for the state in which the vehicle(s) will operate.
- County(s):	Enter the county in which the vehicle(s) will operate.
- City(s):	Enter the city in which the vehicle(s) will operate.
- Zip Code(s):	Enter the zip code which the vehicle(s) will operate.
- % of Time operated in each Zip Code (Total to Equal 100%)	Enter the percent of time the vehicle group operates in each zip code, if there is more than one. For example, 80% of time in 85310 and 20% of time in 85308.
Equipment Type	Enter the vehicle type from the dropdown, OnRoad Vehicle, NonRoad Equipment, Locomotive, or Marine.
Target Fleet	Select the target fleet from the dropdown menu.
Class	Select from the dropdown menu the Vehicle/Equipment Class for onroad vehicles, as appropriate.
Vehicle or Engine Group Sector:	Using the drop down, enter the sector associated with the vehicle or engine group.
Vocation	Select the vocation type from the dropdown menu.

Current Vehicle Information

Vehicle Identification Number(s):	Enter the Serial number or VIN number for each engine or vehicle
Vehicle Make	Enter the manufacturer of the existing vehicle
Vehicle Model	Enter the model of the existing vehicle
Baseline Vehicle Model Year:	Enter the model year of the existing vehicle.

Current Engine Information

Engine Serial Number(s) :	Enter the engine Serial # for each vehicle or engine to be scrapped/replaced.
Engine Make:	Enter the manufacturer of the existing Engine.
Engine Model:	Enter the model of the existing Engine.
Engine Model Year:	Enter the model year of this engine set.
Engine Tier (nonroad, locomotive, and marine only):	For REPOWERS AND UPGRADES ONLY, Select from the dropdown menu the Current Tier Level.
Tier 4 Standards (Tier 4 only):	For tier 4 only engines, please use the drop down to indicate interim for final.
Engine After-Treatment Technology	Enter the appropriate drop down for collection on emission control technologies for the current engine.
Engine Horsepower:	Enter the average horsepower of the engine/equipment.

Engine Cylinder Displacement (liters/cylinder; marine only):	Enter the engine displacement per cylinder in liters.
Engine Number of Cylinders (# of cylinders per engine):	Enter the number of cylinders per engine.
Engine Total Displacement (liters per engine; marine only)	Enter the engine displacement per cylinder in liters.
Engine Family Name (if unregulated, then NA):	Enter the Engine Family name of the existing Engine. NOTE: unregulated engines will not have an Engine Family Name. Engine Optional for Idle Reduction, Aerodynamic Technology, Low Rolling Resistance Tires, and Fuels projects.
Baseline Engine Fuel Type:	Select the type of fuel that is currently being used (prior to any clean diesel activity change).
Total # of Propulsion Engines (per vessel; marine only):	Enter the total number of propulsion engines on the vessel.
Total # of Auxiliary Engines (per vessel; marine only):	Enter the total number of auxiliary engines on the vessel.

Current Annual Vehicle Data	
Annual Amount of Fuel Used (gallons/year per engine):	Enter the amount of fuel used in gallons/year.
Annual Usage Hours (hours per year per engine; includes idling hours; nonroad, locomotive, and marine only)	Enter the average number of hours the equipment is used per year.
Annual Miles Traveled (miles per vehicle; on-highway only):	Enter the average number of vehicle miles traveled per year per vehicle.
Annual Idling Hours (hours per engine; on-highway only):	Enter the average number of hours the vehicle idles per year.
Annual Hoteling Hours (hours per year per engine; class 8 long-haul combination only):	Enter the average number of hoteling hours per year, per engine.
Remaining Life of Baseline Engine/Vehicle (years per engine; total # of years of engine life remaining at time of upgrade action):	Enter the remaining life of baseline engine/vehicle in years at the time of the upgrade action
NEW VEHICLE AND ENGINE UPGRADE INFORMATION	
Upgrade Information	
Year of Upgrade Action:	Enter the year in which the upgrade will take place (i.e., if in 2010, you're replacing a 1995 bus with a 2007 bus, the upgrade year is 2010.)
Upgrade Type:	Enter the type of upgrade that will take place from the dropdown menu.
Upgrade Specific:	Using the drop down, enter the specific type of upgrade that will take place during the project.
Class (onroad vehicles):	Using the drop down list provided, select the appropriate vehicle class (for onroad vehicles only).
VIN for New Vehicle(s):	Please enter the vehicle identification numbers for the new vehicle(s) being replaced.
Total Cost per Unit (equipment cost plus labor):	Automated cell that will sum the upgrade equipment cost (row 55) and labor cost (row 56).
Upgrade Equipment Cost only per unit:	Enter the cost of the technology or equipment cost per unit.
Upgrade Labor Cost only per unit:	Enter the cost of installing or labor cost of the technology per unit.
Total Federal Funds Expended per Unit (\$ Total Cost per Unit):	Enter the federal funds expended in dollars per unit.
Federal Cost Share Expended per Unit (% Total Cost per Unit):	Automated cell that will calculate the federal cost share based upon the federal funds expended entered in row 57.
New Engine Information	
New Engine Model Year:	For REPLACEMENTS AND REPOWERS ONLY, Enter the model year of the new vehicle/engine.
New Engine Tier (nonroad, locomotive, and marine only):	For REPLACEMENTS, REPOWERS AND UPGRADES ONLY, Select from the dropdown menu the new Tier Level.
Tier 4 Standards (Tier 4 only):	For tier 4 only engines, please use the drop down to indicate interim for final.

New Engine After-Treatment Technology (Tier 4 nonroad only):	Enter the appropriate drop down for collection on emission control technologies for the new engine.
New Engine Horsepower:	Enter the new horsepower of the engine or equipment.
New Engine Duty Cycle (line-haul locomotive only):	Please enter the new engine duty cycle - for line-haul locomotive ONLY.
New Engine Cylinder Displacement (liters per cylinder per engine; marine only):	Enter the new engine displacement per cylinder in liters.
New Engine Total Displacement (liters per engine; marine only)	Select from the dropdown menu the displacement per cylinder in liters.
New Engine Number of Cylinders (per engine; marine only):	Enter the number of cylinders in the new engine.
New Engine Family Name:	For REPLACEMENTS AND REPOWERS ONLY, Enter the Engine Family Name of the new engine.
New Engine Fuel Type:	Select the type of fuel that is for the new engine or vehicle.
New Annual Vehicle Data	
Annual Idling Hours Reduced (hours per vehicle; on-highway only):	For IDLE REDUCTION STRATEGIES ONLY, Enter the average number of idling hours reduced for the engine.
Annual Hoteling Hours Reduced (hours per vehicle; class 8 long-haul combination only):	Enter the average number of hoteling hours per year, per engine.
New Annual Fuel Volume (estimated gallons/year per engine):	Please enter the new annual fuel volume, in gallons. New Annual Fuel Volume should be from new engine efficiency, not changes in use.
Zero Emission Vehicle Data	
Capable of Bidirectional Charging? (if Battery Electric or Hybrid)	Select yes or no into the cell to specify whether the vehicle is capable of bidirectional charging.
Estimated Range in Miles (for Onroad Battery Electric only)	Enter the estimated range in miles for the zero-emission vehicle.
Battery Capacity per Battery Packs (kWh) (for ZEV only)	Enter the battery capacity in kilowatt-hours for the zero-emission vehicle.
Is the Battery Warranty Included? (for Battery Electric only)	Select yes or no into the cell to specify whether the vehicle battery warranty is included.
Battery Warranty: Indicate Number of Years Covered (for Battery Electric only)	If the battery includes a warranty, indicate the number of years the coverage is valid for.
Battery Warranty: Indicate Number of Years Covered (for Battery Electric only)	If the battery includes a warranty, indicate the number of miles the coverage is valid for.
Battery Warranty: Total kWh of battery discharge Covered by Warranty (for Battery Electric only)	If the battery includes a warranty, indicate the total kWh of battery discharge the coverage is valid for.
Powertrain Warranty Included?	Select yes or no into the cell to specify whether a powertrain battery 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.

Is the vehicle/equipment equipped with Telematics?	Select yes or no into the cells it specify whether the vehicle is equipped with telematics.
EPA or its partners may contact me about participating in research opportunities to provide vehicle/equipment data that could inform future transportation work.	Select yes or no.
If Yes, Telematics Primary Point of contact (Name and email)	Enter First and Last name and email address.

11. INFRASTRUCTURE	
EVSE Equipment Information	
Type of Charger	Enter the type of charger, either Level 2 (AC charging up to 19.2 kW) or DC Fast Charging.
If Level 2, is it ENERGY STAR certified	Confirm and select yes if applicable. Please see https://www.energystar.gov/
EVSE Manufacturer	Enter the manufacturer of the charging equipment
EVSE Model	Enter the model name of the charging equipment.
EVSE Manufacture Year	Enter the year the charging equipment was manufactured.
Is the EVSE BABA Compliant?	Select an option. EVSE manufactured on or after July 1, 2024 must be meet BABA requirements.
EVSE Maximum Output Power (kW)	Enter the maximum power output of the charging equipment, measured in kilowatts.
Number of Plugs on EVSE	Enter the number of plugs installed on each unit of the charging equipment.
Is the EVSE Capable of Bidirectional Charging?	Select yes or no into the cell to specify whether the charging equipment is capable of bidirectional charging.
Will the Bus and EVSE be Used for V2G?	Select yes or no into the cell to specify whether the buses and charging equipment will be used for vehicle-to-grid (V2G) services.
EVSE Number of Units	Enter the quantity of charging equipment unit
EVSE Equipment Cost only Per Unit:	Enter the cost of the charging equipment per unit.
Total Federal Funds Expended Per EVSE Unit	Enter the total Federal funds expend for charging equipment per unit.
Total Federal Funds Expended for EVSE	No action - autopopulated
Date of EVSE Installation (mm/dd/yyyy)	Enter the date on which the EVSE is permanently affixed.
Location of EV Infrastructure	
State	Select the two letter postal code for the state in which the charging equipment will be located.
County	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	Enter the street address in which the charging equipment will be located.
Who owns the charger?	Enter the name of the school district or organization that owns the charging equipment.
Does the EVSE serve multiple school districts within this application?	Select yes or no
Name of the School District(s) the EVSE will serve (use a colon between school districts)	Enter the name of the school district in which the EVSE will serve. If it will serve multiple school districts, list all and separate with a colon (e.g., Hampton School District: Edgewood School District).
NCES ID of School District that the EVSE will serve (use a colon between school districts)	Enter the name of the National Center for Education Statistics (NCES) ID associated with the school district in which the EVSE will serve. If it will serve multiple school districts, list all NCES IDs and separate with a colon (e.g., 1234567: 7654321).
Infrastructure Installation Information	
Total Funds Expended Installation Cost	Enter the total installation costs for the charging equipment for the EV infrastructure group column.
Total Federal Funds Expended Installation Cost	Enter the total Federal funds expended for installation costs for the charging equipment for the EV infrastructure group column.

Does the Infrastructure Equipment Cost Include Installation?	Please enter yes or no into the cell to specify whether the indicated cost of the charging equipment above includes any installation expenses.
Description of Installation Work	Enter a description of the work performed to install the charging equipment, such as design and engineering, trenching, wiring and electrical upgrades, labor, and permitting.
Installation Work Performed By	Enter the name(s) of the organization(s) that performed the installation work described above.
Installation was conducted by an individual who meets the infrastructure electrician requirements as outlined in the program guidance?	Select electrician category
Is waiver being used to fulfill BABA compliance for the Infrastructure Project	If a waiver is being used to meet BABA compliance requirements, select the waiver type
Total Federal Funds Expended Equipment and Installation	Automated cell that will calculate the total Federal Funds expended for the charging equipment and installation for an EV Infrastructure Group.

Shore Power Equipment Information and Demand Overview	
Type of Shore Power Connection	Select the type of shore power connection, either high-voltage (HVSC) or low-voltage (LVSC).
Total Voltage Service Provided	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.
Manufacture Year	Enter the year the shore power system was manufactured.
Typical Engine Tier of Vessels Using Shore Power	Select the typical engine tier of vessels using the shore power system.
Fuel Type of Vessels Using Shore Power	Select the fuel type of vessels using the shore power system.
Number of Annual Vessel Calls to Berth where Shore Power Installed	Enter the number of annual vessel calls per berth where the shore power system is installed.
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.
Maximum Output Power (kW)	Enter the maximum power output of the shore power system, measured in kilowatts.
Estimated Annual Total Energy Provided in MW-h	Enter the estimated total annual energy output of the shore power system in megawatt-hours.
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.
Location of Shore Power Infrastructure	
State <i>(select from dropdown)</i>	Select the state where the shore power system is installed.
County <i>(select from dropdown)</i>	Select the county where the shore power system is installed.
City	Enter the name of the city where the shore power system is installed.
Zip Code	Enter the zip code of the location where the shore power system is installed.
Port Facility where Shore Power Installed	Enter the name of the port facility where the shore power system is installed.
Who owns the Shore Power Infrastructure?	Enter the name of the organization that owns the shore power system.
Installation Details	
Total Funds Expended Installation Cost for Shore Power Group	Enter the total cost for installation of the shore power system.
Total Federal Funds Expended Installation Cost for Shore Power Group	Enter the total amount of federal funds expended for installation of the shore power system.
Does the Infrastructure Equipment Cost Include Installation?	Select whether or not the equipment cost includes installation of the shore power system.
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 Equipment Installed	Enter the date (or date range) the shore power system was installed.
Date Equipment Fully Operational	Enter the date by which the shore power system became fully operational.

Is waiver being used to fulfill BABA compliance for this infrastructure?	Select from the dropdown menu how BABA requirements are being met for the shore power project.
Are the Shore Power Equipment, Housing, and all Accessories BABA Compliant?	Select from the dropdown menu which parts of the shore power project are BABA compliant.
If No, Partly Compliant, or Unsure, explain	For the previous column, explain which parts are not compliant or enter N/A.
Shore Power Cost Summary	
Equipment Cost only Per Shore Power Pedestal:	Enter the equipment cost for each shore power pedestal.
Total Federal Funds Expended Per Shore Power Pedestal	Enter the federal funds expended for the equipment in each shore power pedestal.
Total Federal Funds Expended for All Shore Power Equipment (total # of pedestals x Federal Funds Expended/pedestal)	No action - autopopulated
Federal Cost Share Expended For Shore Power Equipment	No action - autopopulated
Federal Cost Share for Shore Power Installation	No action - autopopulated

Optional Participation in Future Transportation Research	
EPA or its partners may contact me about participating in research opportunities to provide shore power data that could inform future transportation work. (Yes/No)	
Select from the dropdown menu if EPA or its partners may contact you regarding shore power research.	
If Yes, Primary Point of contact (Name and email)	If you selected "Yes" for the previous column, please enter your name and e-mail.

For more information on BABA compliance please see the following link: [Build America, Buy America Act \(BABA\) Implementation Procedures for EPA Office of Transportation and Air Quality Federal Financial Management System](#)

Progress	Year Update	Type of Amendment	Vehicle Ownershi All Sectors		Vehicle Type
	Year 1 Update	Changes to Vehicle or Equipment Deployment	Privately Owned	Agriculture	Marine_Vessels
Not Yet Started	Year 2 Update	Changes to Eligible Fueling and/or Charging Infrastructure Deployment	Publicly Owned	Airport	Nonroad
In Progress	Year 3 Update	Changes to Other Planned Activities		Construction	Onroad
Completed	Year 4 Update			Freight	Locomotive
	Year 5 Update			Industrial	
Yes				Mining	
No				Municipal	
N/A				Port	
				Railyard	
Year 1 Update				School Bus	
Year 2 Update				Stationary	
Year 3 Update				Transit	
Year 4 Update					
N/A					
N/A					
FY2015 DERA Grant					
FY2016 DERA Grant					
FY2017 DERA Grant					
FY2018 DERA Grant					
FY2019 DERA Grant					
FY2020 DERA Grant					
FY2021 DERA Grant					
FY2022 DERA Grant					
FY2023 DERA Grant					
FY2024 DERA Grant					
FY2025 DERA Grant					
FY2026 DERA Grant					
FY2027 DERA Grant					
Select Status					
N/A					
In-Progress					
Completed					
Select Date					
N/A					
2021 - Q1					
2021 - Q2					
2021 - Q3					

2021 - Q4
2022 - Q1
2022 - Q2
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2027 - Q1
2027 - Q2
2027 - Q3
2027 - Q4
2028 - Q1
2028 - Q2
2028 - Q3
2028 - Q4

DERA National
DERA State
DERA Tribal and Territory

Not Yet Started
In Progress
Awarded
Not Awarded

Vehicle Type	Target Fleet	
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Locomotive	Aerial Lift	Vehicle Type
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Locomotive	Agricultural Mower	Locomotive
Locomotive	Agricultural Tractor	Locomotive
Locomotive	Airport Support Equipment	Locomotive
Marine Vessels	Backhoe Loader	Locomotive
Marine Vessels	Baler/Combine/Swather	Locomotive
Nonroad	Bore/Drill Rig	Locomotive
Nonroad	Cement & Mortar Mixer	Locomotive
Nonroad	Concrete/Industrial Saw	Locomotive
Nonroad	Container Handling Equipment	Locomotive
Nonroad	Crane	Locomotive
Nonroad	Crawler Dozer/Loader	Locomotive
Nonroad	Crushing/Proc. Equipment	Locomotive
Nonroad	Dumpers/Tender	Locomotive
Nonroad	Excavator	Locomotive
Nonroad	Forklift	Locomotive
Nonroad	Gantry Crane	Locomotive
Nonroad	Line Haul Locomotive	Locomotive
Nonroad	Line Haul Locomotive as Switch	Locomotive
Nonroad	Logging Equip Fell/Bunch/Skidder	Locomotive
Nonroad	Long Haul - Combination	Locomotive
Nonroad	Long Haul - Single Unit	Locomotive
Nonroad	Marine - Auxiliary	Locomotive
Nonroad	Marine - Propulsion	Locomotive
Nonroad	Mining Equipment	Locomotive
Nonroad	Mobile Air Compressor	Locomotive
Nonroad	Mobile Gas Compressor	Locomotive
Nonroad	Mobile Generator	Locomotive
Nonroad	Mobile Irrigation Set	Locomotive
Nonroad	Mobile Pump	Locomotive
Nonroad	Mobile Welder	Locomotive
Nonroad	Off-Highway Tractor	Locomotive
Nonroad	Off-Highway Truck	Locomotive
Nonroad	Other Agricultural Equipment	Locomotive
Nonroad	Other Construction Equipment	Marine Vessels
Nonroad	Other General Industrial Equipment	Marine Vessels
Nonroad	Other Material Handling Equipment	Nonroad
Nonroad	Passenger Locomotive	Nonroad

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Sectors By Target Fleet		Vehicle Type	Vocation	All Classes
Target Fleet	Sector	Marine Vessels	Container Ship	Class 3

Line Haul Locomotive	Agriculture	Marine Vessels	Crew/Work boat	Class 4
Line Haul Locomotive	Airport	Marine Vessels	Cruise Vessel	Class 5
Line Haul Locomotive	Construction	Marine Vessels	Excursion Vessel	Class 6
Line Haul Locomotive	Freight	Marine Vessels	Ferry Vessel	Class 7
Line Haul Locomotive	Industrial	Marine Vessels	Fishing Vessel	Class 8
Line Haul Locomotive	Mining	Marine Vessels	Other Harbor Craft	
Line Haul Locomotive	Municipal	Marine Vessels	Other OGV	
Line Haul Locomotive	Port	Marine Vessels	Tugboat	
Line Haul Locomotive as Switch	Agriculture	Onroad	Delivery	
Line Haul Locomotive as Switch	Airport	Onroad	Drayage	
Line Haul Locomotive as Switch	Construction	Onroad	Emergency	
Line Haul Locomotive as Switch	Freight	Onroad	Long Haul	
Line Haul Locomotive as Switch	Industrial	Onroad	Other	
Line Haul Locomotive as Switch	Mining	Onroad	Refuse Hauler	
Line Haul Locomotive as Switch	Municipal	Onroad	School Bus	
Line Haul Locomotive as Switch	Port	Onroad	Shuttle Bus	
Passenger Locomotive	Agriculture	Onroad	Transit Bus	
Passenger Locomotive	Airport	Onroad	Utility	
Passenger Locomotive	Construction			
Passenger Locomotive	Freight			
Passenger Locomotive	Industrial			
Passenger Locomotive	Mining			
Passenger Locomotive	Municipal			
Passenger Locomotive	Port			
Passenger Locomotive	Transit			
Switch Locomotive	Agriculture			
Switch Locomotive	Airport			
Switch Locomotive	Construction			
Switch Locomotive	Freight			
Switch Locomotive	Industrial			
Switch Locomotive	Mining			
Switch Locomotive	Municipal			
Switch Locomotive	Port			
Auxiliary	Port			
Propulsion	Port			
Aerial Lift	Agriculture			
Aerial Lift	Airport			

Aerial Lift	Construction
Aerial Lift	Freight
Aerial Lift	Industrial
Aerial Lift	Mining
Aerial Lift	Municipal
Aerial Lift	Port
Agricultural Mower	Agriculture
Agricultural Mower	Airport
Agricultural Mower	Construction
Agricultural Mower	Freight
Agricultural Mower	Industrial
Agricultural Mower	Mining
Agricultural Mower	Municipal
Agricultural Mower	Port
Agricultural Tractor	Agriculture
Agricultural Tractor	Airport
Agricultural Tractor	Construction
Agricultural Tractor	Freight
Agricultural Tractor	Industrial
Agricultural Tractor	Mining
Agricultural Tractor	Municipal
Agricultural Tractor	Port
Agricultural Tractor	Agriculture
Airport Support Equipment	Airport
Airport Support Equipment	Construction
Airport Support Equipment	Freight
Airport Support Equipment	Industrial
Airport Support Equipment	Mining
Airport Support Equipment	Municipal
Airport Support Equipment	Port
Backhoe Loader	Agriculture
Backhoe Loader	Airport
Backhoe Loader	Construction
Backhoe Loader	Freight
Backhoe Loader	Industrial
Backhoe Loader	Mining
Backhoe Loader	Municipal
Backhoe Loader	Port
Baler/Combine/Swather	Agriculture
Baler/Combine/Swather	Airport
Baler/Combine/Swather	Construction
Baler/Combine/Swather	Freight
Baler/Combine/Swather	Industrial
Baler/Combine/Swather	Mining
Baler/Combine/Swather	Municipal
Baler/Combine/Swather	Port
Bore/Drill Rig	Agriculture

Bore/Drill Rig	Airport
Bore/Drill Rig	Construction
Bore/Drill Rig	Freight
Bore/Drill Rig	Industrial
Bore/Drill Rig	Mining
Bore/Drill Rig	Municipal
Bore/Drill Rig	Port
Cement & Mortar Mixer	Agriculture
Cement & Mortar Mixer	Airport
Cement & Mortar Mixer	Construction
Cement & Mortar Mixer	Freight
Cement & Mortar Mixer	Industrial
Cement & Mortar Mixer	Mining
Cement & Mortar Mixer	Municipal
Cement & Mortar Mixer	Port
Container Handling Equipment	Agriculture
Container Handling Equipment	Airport
Container Handling Equipment	Construction
Container Handling Equipment	Freight
Container Handling Equipment	Industrial
Container Handling Equipment	Mining
Container Handling Equipment	Municipal
Container Handling Equipment	Port
Crane	Agriculture
Crane	Airport
Crane	Construction
Crane	Freight
Crane	Industrial
Crane	Mining
Crane	Municipal
Crane	Port
Crawler Dozer/Loader	Agriculture
Crawler Dozer/Loader	Airport
Crawler Dozer/Loader	Construction
Crawler Dozer/Loader	Freight
Crawler Dozer/Loader	Industrial
Crawler Dozer/Loader	Mining
Crawler Dozer/Loader	Municipal
Crawler Dozer/Loader	Port
Crushing/Proc. Equipment	Agriculture
Crushing/Proc. Equipment	Airport
Crushing/Proc. Equipment	Construction
Crushing/Proc. Equipment	Freight
Crushing/Proc. Equipment	Industrial
Crushing/Proc. Equipment	Mining
Crushing/Proc. Equipment	Municipal
Crushing/Proc. Equipment	Port

Dumpers/Tender	Agriculture
Dumpers/Tender	Airport
Dumpers/Tender	Construction
Dumpers/Tender	Freight
Dumpers/Tender	Industrial
Dumpers/Tender	Mining
Dumpers/Tender	Municipal
Dumpers/Tender	Port
Excavator	Agriculture
Excavator	Airport
Excavator	Construction
Excavator	Freight
Excavator	Industrial
Excavator	Mining
Excavator	Municipal
Excavator	Port
Forklift	Agriculture
Forklift	Airport
Forklift	Construction
Forklift	Freight
Forklift	Industrial
Forklift	Mining
Forklift	Municipal
Forklift	Port
Gantry Crane	Agriculture
Gantry Crane	Airport
Gantry Crane	Construction
Gantry Crane	Freight
Gantry Crane	Industrial
Gantry Crane	Mining
Gantry Crane	Municipal
Gantry Crane	Port
Logging Equip Fell/Bunch/Skidder	Agriculture
Logging Equip Fell/Bunch/Skidder	Airport
Logging Equip Fell/Bunch/Skidder	Construction
Logging Equip Fell/Bunch/Skidder	Freight
Logging Equip Fell/Bunch/Skidder	Industrial
Logging Equip Fell/Bunch/Skidder	Mining
Logging Equip Fell/Bunch/Skidder	Municipal
Logging Equip Fell/Bunch/Skidder	Port
Mining Equipment	Agriculture
Mining Equipment	Airport
Mining Equipment	Construction
Mining Equipment	Freight
Mining Equipment	Industrial
Mining Equipment	Mining
Mining Equipment	Municipal

Mining Equipment	Port
Mobile Air Compressor	Agriculture
Mobile Air Compressor	Airport
Mobile Air Compressor	Construction
Mobile Air Compressor	Freight
Mobile Air Compressor	Industrial
Mobile Air Compressor	Mining
Mobile Air Compressor	Municipal
Mobile Air Compressor	Port
Mobile Gas Compressor	Agriculture
Mobile Gas Compressor	Airport
Mobile Gas Compressor	Construction
Mobile Gas Compressor	Freight
Mobile Gas Compressor	Industrial
Mobile Gas Compressor	Mining
Mobile Gas Compressor	Municipal
Mobile Gas Compressor	Port
Mobile Generator	Agriculture
Mobile Generator	Airport
Mobile Generator	Construction
Mobile Generator	Freight
Mobile Generator	Industrial
Mobile Generator	Mining
Mobile Generator	Municipal
Mobile Generator	Port
Mobile Irrigation Set	Agriculture
Mobile Irrigation Set	Airport
Mobile Irrigation Set	Construction
Mobile Irrigation Set	Freight
Mobile Irrigation Set	Industrial
Mobile Irrigation Set	Mining
Mobile Irrigation Set	Municipal
Mobile Irrigation Set	Port
Mobile Pump	Agriculture
Mobile Pump	Airport
Mobile Pump	Construction
Mobile Pump	Freight
Mobile Pump	Industrial
Mobile Pump	Mining
Mobile Pump	Municipal
Mobile Pump	Port
Mobile Welder	Agriculture
Mobile Welder	Airport
Mobile Welder	Construction
Mobile Welder	Freight
Mobile Welder	Industrial
Mobile Welder	Mining

Mobile Welder	Municipal
Mobile Welder	Port
Off-Highway Tractor	Agriculture
Off-Highway Tractor	Airport
Off-Highway Tractor	Construction
Off-Highway Tractor	Freight
Off-Highway Tractor	Industrial
Off-Highway Tractor	Mining
Off-Highway Tractor	Municipal
Off-Highway Tractor	Port
Off-Highway Truck	Agriculture
Off-Highway Truck	Airport
Off-Highway Truck	Construction
Off-Highway Truck	Freight
Off-Highway Truck	Industrial
Off-Highway Truck	Mining
Off-Highway Truck	Municipal
Off-Highway Truck	Port
Other Agricultural Equipment	Agriculture
Other Agricultural Equipment	Airport
Other Agricultural Equipment	Construction
Other Agricultural Equipment	Freight
Other Agricultural Equipment	Industrial
Other Agricultural Equipment	Mining
Other Agricultural Equipment	Municipal
Other Agricultural Equipment	Port
Other Construction Equipment	Agriculture
Other Construction Equipment	Airport
Other Construction Equipment	Construction
Other Construction Equipment	Freight
Other Construction Equipment	Industrial
Other Construction Equipment	Mining
Other Construction Equipment	Municipal
Other Construction Equipment	Port
Other General Industrial Equipment	Agriculture
Other General Industrial Equipment	Airport
Other General Industrial Equipment	Construction
Other General Industrial Equipment	Freight
Other General Industrial Equipment	Industrial
Other General Industrial Equipment	Mining
Other General Industrial Equipment	Municipal
Other General Industrial Equipment	Port
Other Material Handling Equipment	Agriculture
Other Material Handling Equipment	Airport
Other Material Handling Equipment	Construction
Other Material Handling Equipment	Freight
Other Material Handling Equipment	Industrial

Other Material Handling Equipment	Mining
Other Material Handling Equipment	Municipal
Other Material Handling Equipment	Port
Paving/Surfacing Equipment	Agriculture
Paving/Surfacing Equipment	Airport
Paving/Surfacing Equipment	Construction
Paving/Surfacing Equipment	Freight
Paving/Surfacing Equipment	Industrial
Paving/Surfacing Equipment	Mining
Paving/Surfacing Equipment	Municipal
Paving/Surfacing Equipment	Port
Railcar Mover	Agriculture
Railcar Mover	Airport
Railcar Mover	Construction
Railcar Mover	Freight
Railcar Mover	Industrial
Railcar Mover	Mining
Railcar Mover	Municipal
Railcar Mover	Port
Rough Terrain Forklift	Agriculture
Rough Terrain Forklift	Airport
Rough Terrain Forklift	Construction
Rough Terrain Forklift	Freight
Rough Terrain Forklift	Industrial
Rough Terrain Forklift	Mining
Rough Terrain Forklift	Municipal
Rough Terrain Forklift	Port
Rubber Tire Dozer/Loader	Agriculture
Rubber Tire Dozer/Loader	Airport
Rubber Tire Dozer/Loader	Construction
Rubber Tire Dozer/Loader	Freight
Rubber Tire Dozer/Loader	Industrial
Rubber Tire Dozer/Loader	Mining
Rubber Tire Dozer/Loader	Municipal
Rubber Tire Dozer/Loader	Port
Skid Steer Loader	Agriculture
Skid Steer Loader	Airport
Skid Steer Loader	Construction
Skid Steer Loader	Freight
Skid Steer Loader	Industrial
Skid Steer Loader	Mining
Skid Steer Loader	Municipal
Skid Steer Loader	Port
Stationary Air Compressor	Agriculture
Stationary Air Compressor	Airport
Stationary Air Compressor	Construction
Stationary Air Compressor	Freight

Stationary Air Compressor	Industrial
Stationary Air Compressor	Mining
Stationary Air Compressor	Municipal
Stationary Air Compressor	Port
Stationary Gas Compressor	Agriculture
Stationary Gas Compressor	Airport
Stationary Gas Compressor	Construction
Stationary Gas Compressor	Freight
Stationary Gas Compressor	Industrial
Stationary Gas Compressor	Mining
Stationary Gas Compressor	Municipal
Stationary Gas Compressor	Port
Stationary Generator	Agriculture
Stationary Generator	Airport
Stationary Generator	Construction
Stationary Generator	Freight
Stationary Generator	Industrial
Stationary Generator	Mining
Stationary Generator	Municipal
Stationary Generator	Port
Stationary Irrigation Set	Agriculture
Stationary Irrigation Set	Airport
Stationary Irrigation Set	Construction
Stationary Irrigation Set	Freight
Stationary Irrigation Set	Industrial
Stationary Irrigation Set	Mining
Stationary Irrigation Set	Municipal
Stationary Irrigation Set	Port
Stationary Pump	Agriculture
Stationary Pump	Airport
Stationary Pump	Construction
Stationary Pump	Freight
Stationary Pump	Industrial
Stationary Pump	Mining
Stationary Pump	Municipal
Stationary Pump	Port
Stationary Welder	Agriculture
Stationary Welder	Airport
Stationary Welder	Construction
Stationary Welder	Freight
Stationary Welder	Industrial
Stationary Welder	Mining
Stationary Welder	Municipal
Stationary Welder	Port
Sweeper/Scrubber	Agriculture
Sweeper/Scrubber	Airport
Sweeper/Scrubber	Construction

Sweeper/Scrubber	Freight
Sweeper/Scrubber	Industrial
Sweeper/Scrubber	Mining
Sweeper/Scrubber	Municipal
Sweeper/Scrubber	Port
Terminal Tractor	Agriculture
Terminal Tractor	Airport
Terminal Tractor	Construction
Terminal Tractor	Freight
Terminal Tractor	Industrial
Terminal Tractor	Mining
Terminal Tractor	Municipal
Terminal Tractor	Port
Transport Refrigeration Unit	Agriculture
Transport Refrigeration Unit	Airport
Transport Refrigeration Unit	Construction
Transport Refrigeration Unit	Freight
Transport Refrigeration Unit	Industrial
Transport Refrigeration Unit	Mining
Transport Refrigeration Unit	Municipal
Transport Refrigeration Unit	Port
Trencher	Agriculture
Trencher	Airport
Trencher	Construction
Trencher	Freight
Trencher	Industrial
Trencher	Mining
Trencher	Municipal
Trencher	Port
Long Haul - Combination	Agriculture
Long Haul - Combination	Airport
Long Haul - Combination	Construction
Long Haul - Combination	Freight
Long Haul - Combination	Industrial
Long Haul - Combination	Mining
Long Haul - Combination	Municipal
Long Haul - Combination	Port
Long Haul - Single Unit	Agriculture
Long Haul - Single Unit	Airport
Long Haul - Single Unit	Construction
Long Haul - Single Unit	Freight
Long Haul - Single Unit	Industrial
Long Haul - Single Unit	Mining
Long Haul - Single Unit	Municipal
Long Haul - Single Unit	Port
Refuse Hauler	Agriculture
Refuse Hauler	Airport

Refuse Hauler	Construction
Refuse Hauler	Freight
Refuse Hauler	Industrial
Refuse Hauler	Mining
Refuse Hauler	Municipal
Refuse Hauler	Port
School Bus	School Bus
Short Haul - Combination	Agriculture
Short Haul - Combination	Airport
Short Haul - Combination	Construction
Short Haul - Combination	Freight
Short Haul - Combination	Industrial
Short Haul - Combination	Mining
Short Haul - Combination	Municipal
Short Haul - Combination	Port
Short Haul - Single Unit	Agriculture
Short Haul - Single Unit	Airport
Short Haul - Single Unit	Construction
Short Haul - Single Unit	Freight
Short Haul - Single Unit	Industrial
Short Haul - Single Unit	Mining
Short Haul - Single Unit	Municipal
Short Haul - Single Unit	Port
Transit Bus	Transit

Upgrade Type	Upgrade	By Target Fleet
Idling Control Strategies	Auxiliary Power Unit	Target Fleet
Emission Control Devices	Biodiesel (B20)	Long Haul - Single Unit
Engine Replacement	Biodiesel (B5)	Long Haul - Single Unit
Locomotive Replacement	Diesel Oxidation Catalyst	Long Haul - Single Unit
Vehicle Replacement	Diesel Oxidation Catalyst + Closed Crankcase Ventilation	Long Haul - Single Unit
Engine Upgrade Kits	Diesel Oxidation Catalyst + Diesel Particulate Filter	Long Haul - Single Unit
Fuel Options	Diesel Particulate Filter	Long Haul - Single Unit
Aerodynamic Devices	Electrified Parking Space	Long Haul - Combination
Tire Technology	Engine Replacement - All-Electric	Short Haul - Single Unit
	Engine Replacement - B20 (diesel)	Short Haul - Single Unit
	Engine Replacement - B5 (diesel)	Short Haul - Single Unit
	Engine Replacement - CNG	Short Haul - Single Unit
	Engine Replacement - FOSS Hybrid Tug	Short Haul - Single Unit
	Engine Replacement - Fuel Cell	Short Haul - Single Unit
	Engine Replacement - LPG/Propane	Short Haul - Combination
	Engine Replacement - Other	Short Haul - Combination
	Engine Replacement - Gasoline	Short Haul - Combination
	Engine Replacement - Gen Set	Refuse Hauler
	Engine Replacement - Hybrid Eco-Crane	School Bus
	Engine Replacement - Hybrid Electric	Transit Bus
	Engine Replacement - LNG	
	Engine Replacement - Hydraulic Hybrid	
	Engine Replacement - Plug-in Hybrid Electric	
	Engine Replacement - ULSD (diesel)	
	Engine Upgrade Kit	
	Exhaust Gas Recirculation + Diesel Particulate Filter	
	Fuel Operated Heater	
	Locomotive Replacement - All-Electric	
	Locomotive Replacement - Gen Set	
	Locomotive Replacement - LNG	
	Locomotive Replacement - Other	
	Locomotive Replacement - ULSD (diesel)	
	Other Aerodynamic Device	
	Other Emission Control Device	
	Other Fuel Efficient Tires	
	Other Fuel Option	
	Other Idling Control Strategy	
	Selective Catalytic Reduction	

Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Shore Power
Single Wide Tires
Trailer Bubble / Tails
Trailer side skirts
Vehicle Replacement - All-Electric
Vehicle Replacement - Fuel Cell
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Gasoline
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - LNG
Vehicle Replacement - Hydraulic Hybrid

All Upgrades		
Class	Upgrade Type	Upgrade

Class 3	Idling Control Strategies	Auxiliary Power Unit
Class 4	Idling Control Strategies	Electrified Parking Space
Class 5	Idling Control Strategies	Fuel Operated Heater
Class 6	Idling Control Strategies	Shore Power
Class 7	Idling Control Strategies	Other Idling Control Strategy
Class 8	Emission Control Devices	Diesel Oxidation Catalyst
Class 8	Emission Control Devices	Diesel Oxidation Catalyst + Closed Crankcase Ventilation
Class 3	Emission Control Devices	Diesel Oxidation Catalyst + Diesel Particulate Filter
Class 4	Emission Control Devices	Diesel Particulate Filter
Class 5	Emission Control Devices	Exhaust Gas Recirculation + Diesel Particulate Filter
Class 6	Emission Control Devices	Selective Catalytic Reduction
Class 7	Emission Control Devices	Selective Catalytic Reduction + Diesel Oxidation Catalyst
Class 8	Emission Control Devices	Selective Catalytic Reduction + Diesel Particulate Filter
Class 6	Emission Control Devices	Other Emission Control Device
Class 7	Engine Replacement	Engine Replacement - ULSD (diesel)
Class 8	Engine Replacement	Engine Replacement - B5 (diesel)
Refuse Hauler	Engine Replacement	Engine Replacement - CNG
School Buses	Engine Replacement	Engine Replacement - B20 (diesel)
Transit Buses	Engine Replacement	Engine Replacement - LNG
	Engine Replacement	Engine Replacement - CNG
	Engine Replacement	Engine Replacement - Gen Set
	Engine Replacement	Engine Replacement - LPG/Propane
	Engine Replacement	Engine Replacement - All-Electric
	Engine Replacement	Engine Replacement - LNG
	Engine Replacement	Engine Replacement - Hybrid Electric
	Engine Replacement	Engine Replacement - LPG/Propane
	Engine Replacement	Engine Replacement - All-Electric
	Engine Replacement	Engine Replacement - Plug-in Hybrid Electric
	Engine Replacement	Engine Replacement - Hybrid Electric
	Engine Replacement	Engine Replacement - Hydraulic Hybrid
	Engine Replacement	Engine Replacement - Fuel Cell
	Engine Replacement	Engine Replacement - Plug-in Hybrid Electric
	Engine Replacement	Engine Replacement - Gasoline
	Engine Replacement	Engine Replacement - Hydraulic Hybrid
	Engine Replacement	Engine Replacement - Fuel Cell
	Engine Replacement	Engine Replacement - Gasoline
	Engine Replacement	Engine Replacement - Other

Engine Replacement	Engine Replacement - FOSS Hybrid Tug
Engine Replacement	Engine Replacement - Hybrid Eco-Crane
Locomotive Replacement	Locomotive Replacement - ULSD (diesel)
Locomotive Replacement	Locomotive Replacement - LNG
Locomotive Replacement	Locomotive Replacement - Gen Set
Locomotive Replacement	Locomotive Replacement - All-Electric
Locomotive Replacement	Locomotive Replacement - Other
Vehicle Replacement	Vehicle Replacement - ULSD (diesel)
Vehicle Replacement	Vehicle Replacement - B5 (diesel)
Vehicle Replacement	Vehicle Replacement - CNG
Vehicle Replacement	Vehicle Replacement - B20 (diesel)
Vehicle Replacement	Vehicle Replacement - LNG
Vehicle Replacement	Vehicle Replacement - CNG
Vehicle Replacement	Vehicle Replacement - LPG/Propane
Vehicle Replacement	Vehicle Replacement - All-Electric
Vehicle Replacement	Vehicle Replacement - LNG
Vehicle Replacement	Vehicle Replacement - Hybrid Electric
Vehicle Replacement	Vehicle Replacement - LPG/Propane
Vehicle Replacement	Vehicle Replacement - All-Electric
Vehicle Replacement	Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement	Vehicle Replacement - Hybrid Electric
Vehicle Replacement	Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement	Vehicle Replacement - Fuel Cell
Vehicle Replacement	Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement	Vehicle Replacement - Gasoline
Vehicle Replacement	Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement	Vehicle Replacement - Fuel Cell
Vehicle Replacement	Vehicle Replacement - Gasoline
Vehicle Replacement	Vehicle Replacement - Other
Engine Upgrade Kits	Engine Upgrade Kit
Fuel Options	Biodiesel (B5)
Fuel Options	Biodiesel (B20)
Fuel Options	Other Fuel Option
Aerodynamic Devices	Trailer Bubble / Tails
Aerodynamic Devices	Trailer side skirts
Aerodynamic Devices	Other Aerodynamic Device
Tire Technology	Single Wide Tires
Tire Technology	Other Fuel Efficient Tires

By Target Fleet

Vehicle Type	Target Fleet	Upgrade Type
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Locomotive	Line Haul Locomotive	Emission Control Devices
Locomotive	Line Haul Locomotive	Emission Control Devices
Locomotive	Line Haul Locomotive	Engine Replacement
Locomotive	Line Haul Locomotive	Engine Replacement
Locomotive	Line Haul Locomotive	Engine Replacement
Locomotive	Line Haul Locomotive	Engine Replacement
Locomotive	Line Haul Locomotive	Engine Replacement
Locomotive	Line Haul Locomotive	Locomotive Replacement
Locomotive	Line Haul Locomotive	Locomotive Replacement
Locomotive	Line Haul Locomotive	Locomotive Replacement
Locomotive	Line Haul Locomotive	Locomotive Replacement
Locomotive	Line Haul Locomotive	Locomotive Replacement
Locomotive	Line Haul Locomotive	Engine Upgrade Kits
Locomotive	Line Haul Locomotive	Fuel Options
Locomotive	Line Haul Locomotive as Switch	Emission Control Devices
Locomotive	Line Haul Locomotive as Switch	Emission Control Devices
Locomotive	Line Haul Locomotive as Switch	Engine Replacement
Locomotive	Line Haul Locomotive as Switch	Engine Replacement
Locomotive	Line Haul Locomotive as Switch	Engine Replacement
Locomotive	Line Haul Locomotive as Switch	Engine Replacement
Locomotive	Line Haul Locomotive as Switch	Engine Replacement
Locomotive	Line Haul Locomotive as Switch	Locomotive Replacement
Locomotive	Line Haul Locomotive as Switch	Locomotive Replacement
Locomotive	Line Haul Locomotive as Switch	Locomotive Replacement
Locomotive	Line Haul Locomotive as Switch	Locomotive Replacement
Locomotive	Line Haul Locomotive as Switch	Locomotive Replacement
Locomotive	Line Haul Locomotive as Switch	Locomotive Replacement
Locomotive	Line Haul Locomotive as Switch	Engine Upgrade Kits
Locomotive	Line Haul Locomotive as Switch	Fuel Options
Locomotive	Passenger Locomotive	Emission Control Devices
Locomotive	Passenger Locomotive	Emission Control Devices
Locomotive	Passenger Locomotive	Engine Replacement
Locomotive	Passenger Locomotive	Engine Replacement
Locomotive	Passenger Locomotive	Engine Replacement
Locomotive	Passenger Locomotive	Engine Replacement
Locomotive	Passenger Locomotive	Engine Replacement
Locomotive	Passenger Locomotive	Locomotive Replacement
Locomotive	Passenger Locomotive	Locomotive Replacement

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Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Vehicle Replacement
Nonroad	Rubber Tire Dozer/Loader	Engine Upgrade Kits
Nonroad	Rubber Tire Dozer/Loader	Fuel Options
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Emission Control Devices
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Engine Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Skid Steer Loader	Vehicle Replacement
Nonroad	Stationary Air Compressor	Emission Control Devices
Nonroad	Stationary Air Compressor	Emission Control Devices

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Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Emission Control Devices
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Engine Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Vehicle Replacement
Onroad	Long Haul - Single Unit	Fuel Options
Onroad	Long Haul - Single Unit	Fuel Options
Onroad	Long Haul - Single Unit	Fuel Options
Onroad	Refuse Hauler	Idling Control Strategies
Onroad	Refuse Hauler	Emission Control Devices
Onroad	Refuse Hauler	Emission Control Devices
Onroad	Refuse Hauler	Emission Control Devices
Onroad	Refuse Hauler	Emission Control Devices
Onroad	Refuse Hauler	Emission Control Devices
Onroad	Refuse Hauler	Emission Control Devices
Onroad	Refuse Hauler	Engine Replacement
Onroad	Refuse Hauler	Engine Replacement
Onroad	Refuse Hauler	Engine Replacement

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Onroad	Transit Bus	Emission Control Devices
Onroad	Transit Bus	Emission Control Devices
Onroad	Transit Bus	Emission Control Devices
Onroad	Transit Bus	Emission Control Devices
Onroad	Transit Bus	Emission Control Devices
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Engine Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Vehicle Replacement
Onroad	Transit Bus	Fuel Options
Onroad	Transit Bus	Fuel Options
Onroad	Transit Bus	Fuel Options

	Fuel	Tier
Upgrade	ULSD (diesel)	Uncontrolled

Other Emission Control Device	Biodiesel 5	Tier 0
Selective Catalytic Reduction	Biodiesel 20	Tier 1
Engine Replacement - All-Electric	CNG (ft3)	Tier 2
Engine Replacement - Gen Set	CNG (lbs)	Tier 3
Engine Replacement - LNG	LNG	Tier 4
Engine Replacement - Other	LPG/Propane	Tier 4i (interim - nonroad only)
Engine Replacement - ULSD (diesel)	Gasoline	
Locomotive Replacement - All-Electric	Battery Electric	
Locomotive Replacement - Gen Set	Hybrid	
Locomotive Replacement - LNG		
Locomotive Replacement - Other		
Locomotive Replacement - ULSD (diesel)		
Engine Upgrade Kit		
Other Fuel Option		
Other Emission Control Device		
Selective Catalytic Reduction		
Engine Replacement - All-Electric		
Engine Replacement - Gen Set		
Engine Replacement - LNG		
Engine Replacement - Other		
Engine Replacement - ULSD (diesel)		
Locomotive Replacement - All-Electric		
Locomotive Replacement - Gen Set		
Locomotive Replacement - LNG		
Locomotive Replacement - Other		
Locomotive Replacement - ULSD (diesel)		
Engine Upgrade Kit		
Other Fuel Option		
Other Emission Control Device		
Selective Catalytic Reduction		
Engine Replacement - All-Electric		
Engine Replacement - Gen Set		
Engine Replacement - LNG		
Engine Replacement - Other		
Engine Replacement - ULSD (diesel)		
Locomotive Replacement - All-Electric		
Locomotive Replacement - Gen Set		

Locomotive Replacement - LNG
Locomotive Replacement - Other
Locomotive Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Other Emission Control Device
Selective Catalytic Reduction
Engine Replacement - All-Electric
Engine Replacement - Gen Set
Engine Replacement - LNG
Engine Replacement - Other
Engine Replacement - ULSD (diesel)
Locomotive Replacement - All-Electric
Locomotive Replacement - Gen Set
Locomotive Replacement - LNG
Locomotive Replacement - Other
Locomotive Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Other Idling Control Strategy
Shore Power
Diesel Particulate Filter
Other Emission Control Device
Engine Replacement - All-Electric
Engine Replacement - FOSS Hybrid Tug
Engine Replacement - Fuel Cell
Engine Replacement - LNG
Engine Replacement - Other
Engine Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Particulate Filter
Other Emission Control Device
Engine Replacement - All-Electric
Engine Replacement - FOSS Hybrid Tug
Engine Replacement - Fuel Cell
Engine Replacement - LNG
Engine Replacement - Other
Engine Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst

Selective Catalytic Reduction + Diesel Particulate Filter

Engine Replacement - All-Electric

Engine Replacement - B20 (diesel)

Engine Replacement - B5 (diesel)

Engine Replacement - CNG

Engine Replacement - Fuel Cell

Engine Replacement - Gasoline

Engine Replacement - Hybrid Electric

Engine Replacement - Hydraulic Hybrid

Engine Replacement - LNG

Engine Replacement - LPG/Propane

Engine Replacement - Other

Engine Replacement - Plug-in Hybrid Electric

Engine Replacement - ULSD (diesel)

Vehicle Replacement - All-Electric

Vehicle Replacement - B20 (diesel)

Vehicle Replacement - B5 (diesel)

Vehicle Replacement - CNG

Vehicle Replacement - Fuel Cell

Vehicle Replacement - Gasoline

Vehicle Replacement - Hybrid Electric

Vehicle Replacement - Hydraulic Hybrid

Vehicle Replacement - LNG

Vehicle Replacement - LPG/Propane

Vehicle Replacement - Other

Vehicle Replacement - Plug-in Hybrid Electric

Vehicle Replacement - ULSD (diesel)

Engine Upgrade Kit

Other Fuel Option

Diesel Oxidation Catalyst

Diesel Oxidation Catalyst + Diesel Particulate Filter

Diesel Particulate Filter

Other Emission Control Device

Selective Catalytic Reduction

Selective Catalytic Reduction + Diesel Oxidation Catalyst

Selective Catalytic Reduction + Diesel Particulate Filter

Engine Replacement - All-Electric

Engine Replacement - B20 (diesel)

Engine Replacement - B5 (diesel)

Engine Replacement - CNG

Engine Replacement - Fuel Cell

Engine Replacement - Gasoline

Engine Replacement - Hybrid Electric

Engine Replacement - Hydraulic Hybrid

Engine Replacement - LNG

Engine Replacement - LPG/Propane

Engine Replacement - Other

Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane

Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter

Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric

Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other

Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric

Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Eco-Crane
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric

Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other

Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric

Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)

Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric

Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)

Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric

Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)

Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)

Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)

Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit

Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG

Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
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Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
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Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)

Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
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Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
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Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
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Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option

Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
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Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
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Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
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Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
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Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
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Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
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Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
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Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Gasoline
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Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
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Engine Replacement - CNG
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Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst

Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
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Engine Replacement - LNG
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Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
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Vehicle Replacement - Hydraulic Hybrid
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Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline

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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
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Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
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Engine Replacement - Gasoline
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
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Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell

Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Particulate Filter

Other Emission Control Device
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
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Engine Replacement - LNG
Engine Replacement - LPG/Propane
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Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
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Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric

Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Other Fuel Option

Diesel Oxidation Catalyst
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
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Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane

Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
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Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
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Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
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Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
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Vehicle Replacement - Plug-in Hybrid Electric

Vehicle Replacement - ULSD (diesel)
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
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Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)

Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
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Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
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Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)

Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
Vehicle Replacement - Fuel Cell
Vehicle Replacement - Gasoline
Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit
Other Fuel Option
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction
Selective Catalytic Reduction + Diesel Oxidation Catalyst
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
Engine Replacement - Gasoline
Engine Replacement - Hybrid Electric
Engine Replacement - Hydraulic Hybrid
Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
Vehicle Replacement - B20 (diesel)
Vehicle Replacement - B5 (diesel)
Vehicle Replacement - CNG
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Vehicle Replacement - Hybrid Electric
Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Engine Upgrade Kit

Other Fuel Option
Auxiliary Power Unit
Electrified Parking Space
Fuel Operated Heater
Other Idling Control Strategy
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Closed Crankcase Ventilation
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Exhaust Gas Recirculation + Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
Engine Replacement - B20 (diesel)
Engine Replacement - B5 (diesel)
Engine Replacement - CNG
Engine Replacement - Fuel Cell
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Engine Replacement - LNG
Engine Replacement - LPG/Propane
Engine Replacement - Other
Engine Replacement - Plug-in Hybrid Electric
Engine Replacement - ULSD (diesel)
Vehicle Replacement - All-Electric
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Vehicle Replacement - Gasoline
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Vehicle Replacement - Hydraulic Hybrid
Vehicle Replacement - LNG
Vehicle Replacement - LPG/Propane
Vehicle Replacement - Other
Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Biodiesel (B20)
Biodiesel (B5)
Other Fuel Option
Other Aerodynamic Device
Trailer Bubble / Tails
Trailer side skirts
Other Fuel Efficient Tires
Single Wide Tires
Other Idling Control Strategy

Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Closed Crankcase Ventilation
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Exhaust Gas Recirculation + Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Particulate Filter
Engine Replacement - All-Electric
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Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Biodiesel (B20)
Biodiesel (B5)
Other Fuel Option
Other Idling Control Strategy
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Closed Crankcase Ventilation
Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Exhaust Gas Recirculation + Diesel Particulate Filter
Other Emission Control Device
Selective Catalytic Reduction + Diesel Particulate Filter
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Biodiesel (B20)
Biodiesel (B5)
Other Fuel Option
Fuel Operated Heater
Other Idling Control Strategy
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Vehicle Replacement - ULSD (diesel)
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Biodiesel (B5)
Other Fuel Option
Other Idling Control Strategy
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Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Biodiesel (B20)
Biodiesel (B5)
Other Fuel Option
Other Idling Control Strategy
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst + Closed Crankcase Ventilation

Diesel Oxidation Catalyst + Diesel Particulate Filter
Diesel Particulate Filter
Exhaust Gas Recirculation + Diesel Particulate Filter
Other Emission Control Device
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Vehicle Replacement - LPG/Propane
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Vehicle Replacement - Plug-in Hybrid Electric
Vehicle Replacement - ULSD (diesel)
Biodiesel (B20)
Biodiesel (B5)
Other Fuel Option

Engine Cylinder Displacements	Engine After-Treatment Technology: (Tier 4, nonroad only)	Reporting Date Quarters
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No DPF, No SCR

size < 0.9

Please select reporting quarter.

No DPF, Yes SCR

0.9 <= size <1.2

Oct. to Dec. 2021

1.2 <= size <2.5

Yes DPF, No SCR

Jan. to Mar. 2022

2.5 <= size <3.5

Yes DPF, Yes SCR

Apr. to Jun. 2022

3.5 <= size <7.0

Do not know

Jul. to Sep. 2022

7.0 <= size <15.0

Oct. to Dec. 2022

15.0 <= size < 20.0

Jan. to Mar. 2023

20.0 <= size < 25.0

Apr. to Jun. 2023

25.0 <= size < 30.0

Jul. to Sep. 2023

size <= 30

Oct. to Dec. 2023

Jan. to Mar. 2024

Apr. to Jun. 2024

Jul. to Sep. 2024

Oct. to Dec. 2024

Jan. to Mar. 2025

Apr. to Jun. 2025

Jul. to Sep. 2025

Oct. to Dec. 2025

Jan. to Mar. 2026

Apr. to Jun. 2026

Jul. to Sep. 2026

Oct. to Dec. 2026

Jan. to Mar. 2027

Apr. to Jun. 2027

Jul. to Sep. 2027

Oct. to Dec. 2027

Jan. to Mar. 2028

Apr. to Jun. 2028

Jul. to Sep. 2028

Oct. to Dec. 2028

Jan. to Mar. 2029

Apr. to Jun. 2029

Jul. to Sep. 2029

Oct. to Dec. 2029

Jan. to Mar. 2030

Apr. to Jun. 2030

Jul. to Sep. 2030

Oct. to Dec. 2030

Type of Shore Power Connection	Shore Power connection Service
High voltage shore power connection (HVSC)	220 V
Low voltage shore power connection (LVSC)	480 V 6.6 kV 11 kV Other value not listed

Marine Fuel Type for Shore Power

Heavy Fuel Oil (HFO, 3.50% S)

Marine Diesel Oil (MDO, 0.50% S)

Marine Gas Oil (MGO, 0.10% S)
Liquefied Natural Gas (LNG)

Shore Power BABA

Yes - Housing, Wiring, Cables, and All Accessories are BABA Compliant

Some Housing, Wiring, Cables, and Accessories are BABA Compliant

No

Not Sure

BABA Compliance

Yes - This Infrastructure is BABA Compliant

No
NA

BABA Waiver	BABA Vehicle Fields
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No - Infrastructure meets all BABA requirements

Yes

- Yes - EPA's De Minimis Waiver
- Yes - EPA's Small Project Waiver
- Yes - EPA's Pacific Island Territories General Applicability Waiver
- Yes - Project-Level Waiver
- Yes - Other EPA Waiver
- Yes - EPA's EV Charger Waiver (expired July 1, 2024)

- Exempt: School Bus
- Exempt: Emergency response

Is this vehicle BABA
Compliant

Vehicle Waiver

Quarterly

Yes - This vehicle is
BABA compliant

e meets all BABA requirements

Please select reporting quarter.

- N/A - This vehicle is ex - This vehicle is exempt
- A waiver is being used to EPA's De Minimis Waiver
- Yes - EPA's Small Project Waiver
- Yes - EPA's Pacific Island Territories General Applicability Waiver
- Yes - Project-Level Waiver
- Yes - Other EPA Waiver
- Oct. to Dec. 2023
- Jan. to Mar. 2024
- Apr. to Jun. 2024
- Jul. to Sep. 2024
- Oct. to Dec. 2024
- Jan. to Mar. 2025
- Apr. to Jun. 2025
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- Jan. to Mar. 2027
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- Jul. to Sep. 2027
- Oct. to Dec. 2027
- Jan. to Mar. 2028
- Apr. to Jun. 2028
- Jul. to Sep. 2028
- Oct. to Dec. 2028

Biannually	EPA Form Number	OMB Control Number	Expiration Date
Jan. to Jun. 2024	5900-691	2060-0754	MM/DD/YYYY
Jul. to Dec. 2024			
Jan. to Jun. 2025			
Jul. to Dec. 2025			
Jan. to Jun. 2026			
Jul. to Dec. 2026			
Jan. to Jun. 2027			
Jul. to Dec. 2027			
Jan. to Jun. 2028			
Jul. to Dec. 2028			