



Example Alternative Compliance Waiver Application

EPAct State and Alternative Provider Fleet
Program Guidance Document

November 2024

Background

The U.S. Department of Energy (DOE) developed an electronic planning spreadsheet to facilitate fleets' preparation of a complete Alternative Compliance (AC) waiver application. All fleets that participate in AC are encouraged to use the spreadsheet. The following example includes all components that **must** be included in a fleet's AC waiver application. For further information on how to use the planning spreadsheet and AC waiver applications, visit the State and Alternative Fuel Provider Fleet Program Alternative Compliance webpage: <https://epact.energy.gov/alternative-compliance>.

Example

June 15, 2027

Regulatory Manager
Alternative Fuel Transportation Program
Vehicle Technologies Office (EE-3V)
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585

RE: MY 2028 Alternative Compliance Waiver Application

Dear Regulatory Manager:

This letter documents the model year (MY) 2028 Alternative Compliance waiver application for Example Fleet (EPAct Fleet ID Number 1255). Contained herein is the following information:

1. Average fuel use per light-duty vehicle
2. Alternative Compliance Vehicle Inventory
3. Petroleum reduction requirement
4. Petroleum reduction plan
5. Certification of compliance with all applicable vehicle emissions standards.

Average Fuel Use

The average fuel use for our covered light-duty vehicles was estimated to be 650 gasoline gallon equivalents (GGE) per year. This estimate is based on light-duty vehicle fuel use data collected by the fleet for the following three years: 2002, 2003, and 2004.

Alternative Compliance Vehicle Inventory

The total number of alternative compliance vehicles in our inventory is 75 for MY 2028.

Petroleum Reduction Requirement

The Alternative Compliance Petroleum Reduction Plan Spreadsheet was used to calculate the petroleum reduction requirement and is attached to this letter. The requirement, 48,750 GGE, is the product of the number of vehicles in the fleet's Alternative Compliance Vehicle Inventory and the average fuel use for light-duty vehicles.

Petroleum Reduction Plan

The petroleum reduction plan, which is attached to this letter, was generated using the Alternative Compliance Petroleum Reduction Plan Spreadsheet. The plan employs a multi-method approach that includes deployment of alternative fuels, plug-in hybrid electric vehicles, biodiesel blends, fuel economy improvement, and on-board idle reduction. The calculated total petroleum savings from this plan is 56,124 GGE, which will exceed the required reduction, 48,750 GGE, by 15%.

Certification of Compliance with Emission Standards

This is to certify that Example Fleet is in compliance with all applicable vehicle emissions standards that the Administrator of the Environmental Protection Agency established under the Clean Air Act.

Sincerely,



John Doe

Title of Senior Official Example Fleet

Note: Fleets should attach a copy of their Alternative Compliance Petroleum Reduction Plan Spreadsheet to their waiver application. The screenshot below is for example purposes only. Further, the following plan and values in the plan are provided ONLY as an example and likely do not resemble typical fleet use figures. The information below may not match the information in the preceding portion of this example report.

Example Alternative Compliance Waiver Application

Alternative Compliance Waiver Request: Petroleum Reduction Plan

The U.S. Office of Management and Budget (OMB) approved this data collection under control number 1910-5101. You are not required to respond to this collection of information unless it displays a currently valid OMB control number. Reporting takes about five hours per session. For help with reporting, access guidance documents at http://www.eere.energy.gov/vehiclesandfuels/epact/guidance_documents.html. OMB #: 1910-5101 | Expires: 7/31/2025

KEY

- Enter data in cells with this color shading
- Select a value from the dropdown list
- Calculated values. Do not enter data in cells shaded in this color
- Error or unchecked required checkbox
- Information about working with the tables in this workbook

Fleet Identification (* required field)

Fleet ID Number:

*Fleet Name:

Local name:

Parent Organization:

*Fleet Type (select from list):

*Mailing Address:

*City:

*State:

*Zip (xxxx-xxxx):

(Parent Organization is parent company name, if applicable, for alternative fuel provider fleet or state name for state fleet)

Point of Contact Information

POC ID Number:

*Name:

Mailing Address (if different from fleet mailing address):

City:

State:

Zip (xxxx-xxxx):

*Phone:

Fax:

*E-Mail:

Enter the Reporting Model Year: from to

Enter you ACV Inventory Total: LDVs ACV Inventory

Enter the average fuel use per light-duty vehicle (LDV) in your fleet: GGE/LDV Avg Fuel Use Calculation Changing

MY 2025 Petroleum Reduction Requirement: GGE

Click the button for each petroleum reduction method below to calculate the planned GGE reduction for your AC Waiver Request. The button for each category will take you to individual worksheets within this Excel file. Click on the "Planning Summary" button to return to this sheet.

Alternative Fuels
PHEVs
Biodiesel Blends
Fuel Economy
VMT Reduction
Truck Stop Electrification
Idle Time Reduction
Onboard IR

| Method | Planned Petroleum Reduction |
|----------------------------|-----------------------------|
| Alternative Fuels | 12,444 |
| PHEVs | 17,685 |
| Biodiesel Blends | 11,067 |
| Fuel Economy | 3,982 |
| VMT Reduction | 1,097 |
| Truck Stop Electrification | |
| Idle Time Reduction | 1,241 |
| Onboard IR | 10,747 |
| Total | 58,263 |

| Method | Planned Reduction (GGE) |
|---------------------|-------------------------|
| Alternative Fuels | 12,444 |
| PHEVs | 17,685 |
| Biodiesel Blends | 11,067 |
| Fuel Economy | 3,982 |
| VMT Reduction | 1,097 |
| Idle Time Reduction | 1,241 |
| Onboard IR | 10,747 |
| Total | 58,263 |

Attachment: Petroleum Reduction Plan

U.S. DEPARTMENT OF
ENERGY

Office of
**ENERGY EFFICIENCY &
RENEWABLE ENERGY**

For more information, visit: epact.energy.gov

DOE/GO-102024-6356 • November 2024