

OP 15: Campus Fleet

1 point available

A. Credit Rationale

This credit recognizes institutions that use cleaner fuels and fuel-efficient vehicles. Institutions can help shape markets by creating demand for and enhancing the visibility of more efficient vehicles and cleaner fuels that reduce greenhouse gas emissions and improve local air quality. While other credits address the climate impacts of fuel usage and the replacement of motorized vehicles with non-motorized vehicles, this credit recognizes the purchase and use of fuel efficient and alternative fueled vehicles.

B. Criteria

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet vehicles that are:

- A. Gasoline-electric hybrid —
- B. Diesel-electric hybrid —
- C. Plug-in hybrid —
- D. 100 percent electric (including electric assist utility bicycles and tricycles) — 15
- E. Fueled with Compressed Natural Gas (CNG) — 5
- F. Hydrogen fueled —
- G. Fueled with B20 or higher biofuel for more than 4 months of the year
And/or —
- H. Fueled with locally produced, low-level (e.g. B5) biofuel for more than 4 months of the year (e.g. fuel contains cooking oil recovered and recycled on campus or in the local community) —

For this credit, the institution's motorized fleet includes all cars, carts, trucks, tractors, buses, electric assist cycles, and similar vehicles used for transporting people and/or goods, including both leased vehicles and vehicles that are institution-owned and operated. Heavy construction equipment (e.g. excavators and pavers), maintenance equipment (e.g. lawn-mowers and leaf blowers), and demonstration/test vehicles used for educational purposes are not included in this credit.

Vehicles that meet multiple criteria (e.g. hybrid vehicles fueled with biofuel) should not be double-counted.

C. Applicability

This credit applies to all institutions that have a motorized vehicle fleet.

D. Scoring

Institutions earn the maximum of 1 point available for this credit when all vehicles in their fleets are alternatively fueled and/or powered. Incremental points are awarded for using alternative fuels in some vehicles and/or having some alternatively powered vehicles. For example, an institution for which gasoline-electric hybrid vehicles comprise 50 percent of the total fleet would earn 0.5 points (half of the points available for this credit).

Points for this credit are calculated automatically in the STARS Reporting Tool as follows:

Factor		Number of vehicles that meet a criterion (A-H) for power or fuel type		Total number of vehicles in fleet		Total points earned
1	x	<u>30</u>	+	<u>399</u>	=	Up to 1

E. Reporting Fields

Required

- Total number of vehicles (e.g. cars, carts, trucks, tractors, ~~buses~~, electric assist cycles) in the institution's fleet - 399
- Number of gasoline-electric, non-plug-in hybrid vehicles in the institution's fleet - 0
- Number of diesel-electric, non-plug-in hybrid vehicles in the institution's fleet - 0
- Number of plug-in hybrid vehicles in the institution's fleet - 0
- Number of 100 percent electric vehicles in the institution's fleet (including electric assist utility bicycles and tricycles) - 15
- Number of vehicles in the institution's fleet that are fueled with Compressed Natural Gas (CNG) - 5
- Number of hydrogen fueled vehicles in the institution's fleet - 0
- Number of vehicles in the institution's fleet that are fueled with B20 or higher biofuel for more than 4 months of the year - 0
- Number of vehicles in the institution's fleet that are fueled with locally produced, low-level (e.g. B5) biofuel for more than 4 months of the year (e.g. fuel contains cooking oil recovered and recycled on campus or in the local community) - 0
- Do the figures reported above include leased vehicles? - No; don't have any

Optional

- A brief description of the institution's efforts to support alternative fuel and power technology in its motorized fleet
- The website URL where information about the programs or initiatives is available
- Additional documentation to support the submission (upload)
- Data source(s) and notes about the submission
- Contact information for a responsible party (a staff member, faculty member, or administrator who can respond to questions regarding the data once it is submitted and available to the public)

F. Measurement

Timeframe

Report the most recent data available from within the three years prior to the anticipated date of submission.

Sampling and Data Standards

Include all vehicles that are part of the institution's fleet. Reporting on a sample of vehicles is not allowed for this credit.

G. Standards and Terms

Not applicable

Scoring Example: Campus Fleet

Example Community College has a motorized fleet of 100 vehicles. Of those vehicles:

- 10 are gasoline-electric hybrids (A)
- 5 are 100 percent electric (E)
- 30 are fueled with B20 biofuel year-round (G)

Number of vehicles that meet a criterion (A through I) = $10 + 5 + 30 = 45$

Factor		Number of vehicles that meet a criterion (A-H) for power or fuel type		Total number of vehicles in fleet		Total points earned
1	x	<u>45</u>	+	<u>100</u>	=	0.45