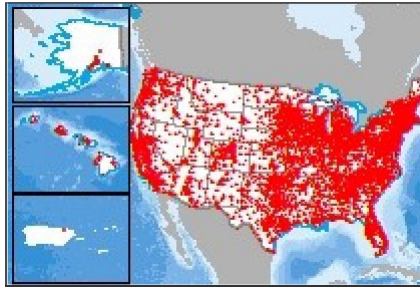


# Alternative Fuel Stations



## Tags

biofuel, alternative fuel, transportation

## Summary

The Alternative Fueling Stations dataset is as of June 1, 2021, and is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics's (BTS's) National Transportation Atlas Database (NTAD). Through a nationwide network of local coalitions, Clean Cities provides project assistance to help stakeholders in the public and private sectors deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and emerging transportation technologies. Department of Energy collects this data as part of the Projects undertaken by Clean Cities coalitions and stakeholders to ensure customers access to clean alternative energy. This data can be found at the Department of Energy Alternative Fuels Data Center Web Feature Service: <http://www.afdc.energy.gov/locator/stations/Clean> Cities is the deployment arm of the U.S. Department of Energy's (DOE) Vehicle Technologies Office.

## Description

The Alternative Fueling Stations dataset is as of June 1, 2021, and is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics's (BTS's) National Transportation Atlas Database (NTAD). Through a nationwide network of local coalitions, Clean Cities provides project assistance to help stakeholders in the public and private sectors deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and emerging transportation technologies. Department of Energy collects this data as part of the Projects undertaken by Clean Cities coalitions and stakeholders to ensure customers access to clean alternative energy. This data can be found at the Department of Energy Alternative Fuels Data Center Web Feature Service: <http://www.afdc.energy.gov/locator/stations/Clean> Cities is the deployment arm of the U.S. Department of Energy's (DOE) Vehicle Technologies Office.

## Credits

U.S. Department of Transportation, Bureau of Transportation Statistics, National Transportation Atlas Database

## Use limitations

There are no access and use limitations for this item.

## Extent

<b>West</b>	-159.584847	<b>East</b>	-65.973633
<b>North</b>	63.447419	<b>South</b>	18.375313

## Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:20,000,000

## ArcGIS Metadata

### Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE transportation

\* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

### Citation

TITLE Alternative Fuel Stations

PUBLICATION DATE 2021-06-01

PRESENTATION FORMATS \* digital map

### Resource Details

DATASET LANGUAGES \* English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.0.12790

CREDITS

U.S. Department of Transportation, Bureau of Transportation Statistics, National Transportation Atlas Database

ARCGIS ITEM PROPERTIES

\* NAME alternative\_fuel\_station\_site\_v9

### Extents

EXTENT

DESCRIPTION

Publication date

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -159.584847

\* EAST LONGITUDE -65.973633

\* NORTH LATITUDE 63.447419

\* SOUTH LATITUDE 18.375313

\* EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

DATE AND TIME 2021-06-01

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -17764903.906400

\* EAST LONGITUDE -7344151.210500

\* SOUTH LATITUDE 2081525.378600

\* NORTH LATITUDE 9210809.565500

\* EXTENT CONTAINS THE RESOURCE Yes

### Resource Maintenance

RESOURCE MAINTENANCE

UPDATE FREQUENCY unknown

## Spatial Reference

### ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_WGS\_1984
- \* PROJECTION WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere
- \* COORDINATE REFERENCE DETAILS

### PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102100  
X ORIGIN -22041257.77387803  
Y ORIGIN -30241100  
XY SCALE 144148035.89861274  
Z ORIGIN -100000  
Z SCALE 10000  
M ORIGIN -100000  
M SCALE 10000  
XY TOLERANCE 0.001  
Z TOLERANCE 0.001  
M TOLERANCE 0.001  
HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 3857

WELL-KNOWN TEXT PROJCS["WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere",GEOGCS  
["GCS\_WGS\_1984",DATUM["D\_WGS\_1984",SPHEROID  
["WGS\_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT  
["Degree",0.0174532925199433]],PROJECTION["Mercator\_Auxiliary\_Sphere"],PARAMETER  
["False\_Easting",0.0],PARAMETER["False\_Northing",0.0],PARAMETER  
["Central\_Meridian",0.0],PARAMETER["Standard\_Parallel\_1",0.0],PARAMETER  
["Auxiliary\_Sphere\_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

### REFERENCE SYSTEM IDENTIFIER

- \* VALUE 3857
- \* CODESPACE EPSG
- \* VERSION 8.8(9.3.1.2)

## Spatial Data Properties

### VECTOR

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only
- GEOMETRIC OBJECTS
- FEATURE CLASS NAME AltFuelStations\_All\_210601
- \* OBJECT TYPE point

### ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME alternative\_fuel\_station\_site\_v9

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Point
- \* HAS TOPOLOGY FALSE
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING FALSE

## Distribution

### DISTRIBUTION FORMAT

- \* NAME File Geodatabase Feature Class

## Fields

### DETAILS FOR OBJECT AltFuelStations\_All\_210106 ►

- \* TYPE Feature Class

FIELD OBJECTID

- \* ALIAS OBJECTID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Internal feature number.
  
- \* DESCRIPTION SOURCE  
Esri
  
- \* DESCRIPTION OF VALUES  
Sequential unique whole numbers that are automatically generated.

FIELD Shape

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Feature geometry.
  
- \* DESCRIPTION SOURCE  
Esri
  
- \* DESCRIPTION OF VALUES  
Coordinates defining the features.

FIELD OBJECTID

- \* ALIAS Object ID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD FuelTypeCode

- \* ALIAS Fuel Type Code
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD StationName

- \* ALIAS Station Name
- \* DATA TYPE String
- \* WIDTH 116
- \* PRECISION 0
- \* SCALE 0

FIELD StreetAddress

- \* ALIAS Street Address
- \* DATA TYPE String
- \* WIDTH 97
- \* PRECISION 0
- \* SCALE 0

FIELD IntersectionDirections

- \* ALIAS Intersection Directions
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

FIELD City

- \* ALIAS City
- \* DATA TYPE String
- \* WIDTH 33
- \* PRECISION 0
- \* SCALE 0

FIELD State

- \* ALIAS State
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD ZIP

- \* ALIAS ZIP
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

FIELD Plus4

- \* ALIAS Plus4
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD StationPhone

- \* ALIAS Station Phone
- \* DATA TYPE String
- \* WIDTH 40
- \* PRECISION 0
- \* SCALE 0

FIELD StatusCode

- \* ALIAS Status Code
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD ExpectedDate

- \* ALIAS Expected Date
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD GroupsWithAccessCode

- \* ALIAS Groups with Access Code
- \* DATA TYPE String
- \* WIDTH 64
- \* PRECISION 0
- \* SCALE 0

FIELD AccessDaysTime

- \* ALIAS Access Days Time
- \* DATA TYPE String
- \* WIDTH 236
- \* PRECISION 0
- \* SCALE 0

FIELD CardsAccepted

- \* ALIAS Cards Accepted
- \* DATA TYPE String
- \* WIDTH 135
- \* PRECISION 0
- \* SCALE 0

FIELD BD\_Blends

- \* ALIAS BD Blends
- \* DATA TYPE String
- \* WIDTH 34
- \* PRECISION 0
- \* SCALE 0

FIELD NG\_FillTypeCode

- \* ALIAS NG Fill Type Code
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD NG\_PSI

- \* ALIAS NG PSI
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_Level1\_EVSE\_Num

- \* ALIAS EV Level1 EVSE Num
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_Level2\_EVSE\_Num

- \* ALIAS EV\_Level2 EVSE Num
- \* DATA TYPE String
- \* WIDTH 3
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_DC\_FastCount

- \* ALIAS EV DC Fast Count
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_OtherInfo

- \* ALIAS EV Other Info
- \* DATA TYPE String
- \* WIDTH 70
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_Network

- \* ALIAS EV\_Network
- \* DATA TYPE String
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_NetworkWeb

- \* ALIAS EV\_Network Web
- \* DATA TYPE String
- \* WIDTH 48
- \* PRECISION 0
- \* SCALE 0

FIELD GeocodeStatus

- \* ALIAS Geocode Status
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

FIELD Latitude

- \* ALIAS Latitude
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD Longitude

- \* ALIAS Longitude
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DateLastConfirmed

- \* ALIAS Date Last Confirmed
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD ID

- \* ALIAS ID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD UpdatedAt

- \* ALIAS Updated At
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD OwnerTypeCode

- \* ALIAS Owner Type Code
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD FederalAgencyId

- \* ALIAS Federal Agency ID
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD **FederalAgencyName**

- \* ALIAS Federal Agency Name
- \* DATA TYPE String
- \* WIDTH 45
- \* PRECISION 0
- \* SCALE 0

FIELD **OpenDate**

- \* ALIAS Open Date
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD **HydrogenStatusLink**

- \* ALIAS Hydrogen Status Link
- \* DATA TYPE String
- \* WIDTH 52
- \* PRECISION 0
- \* SCALE 0

FIELD **NG\_VehicleClass**

- \* ALIAS NG Vehicle Class
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD **LPG\_Primary**

- \* ALIAS LPG Primary
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

FIELD **E85\_BlenderPump**

- \* ALIAS E85 Blender Pump
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

FIELD **EV\_ConnectorTypes**

- \* ALIAS EV\_ConnectorTypes
- \* DATA TYPE String
- \* WIDTH 32
- \* PRECISION 0
- \* SCALE 0

FIELD **Country**

- \* ALIAS Country
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0



FIELD IntersectionDirectionsFrench

- \* ALIAS Intersection Directions French
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD AccessDaysTimeFrench

- \* ALIAS Access Days Time French
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD BD\_BlendsFrench

- \* ALIAS BD Blends French
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD GroupsWithAccessCodeFrench

- \* ALIAS Groups with Access Code French
- \* DATA TYPE String
- \* WIDTH 85
- \* PRECISION 0
- \* SCALE 0

FIELD HydrogenIsRetail

- \* ALIAS Hydrogen is Retail
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

FIELD AccessCode

- \* ALIAS Access Code
- \* DATA TYPE String
- \* WIDTH 7
- \* PRECISION 0
- \* SCALE 0

FIELD AccessDetailCode

- \* ALIAS Access Detail Code
- \* DATA TYPE String
- \* WIDTH 23
- \* PRECISION 0
- \* SCALE 0

FIELD FederalAgencyCode

- \* ALIAS Federal Agency Code
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD FacilityType

- \* ALIAS Facility Type
- \* DATA TYPE String
- \* WIDTH 25
- \* PRECISION 0
- \* SCALE 0

FIELD CNG\_DispenserNum

- \* ALIAS CNG Dispenser Num
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD CNG\_OnSiteRenewableSource

- \* ALIAS CNG On Site Renewable Source
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD CNG\_TotalCompressionCapacity

- \* ALIAS CNG Total Compression Capacity
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD CNG\_StorageCapacity

- \* ALIAS CNG Storage Capacity
- \* DATA TYPE String
- \* WIDTH 6
- \* PRECISION 0
- \* SCALE 0

FIELD LNG\_OnSiteRenewableSource

- \* ALIAS LNG On Site Renewable Source
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD E85\_OtherEthanolBlends

- \* ALIAS E85 Other Ethanol Blends
- \* DATA TYPE String
- \* WIDTH 41
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_Pricing

- \* ALIAS EV Pricing
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

FIELD EV\_PricingFrench

- ALIAS EV Pricing French
- \* DATA TYPE String
  - \* WIDTH 1
  - \* PRECISION 0
  - \* SCALE 0

FIELD LPG\_NozzleTypes

- \* ALIAS LPG Nozzle Types
- \* DATA TYPE String
- \* WIDTH 25
- \* PRECISION 0
- \* SCALE 0

FIELD **HydrogenPressures**

- \* ALIAS Hydrogen Pressures
- \* DATA TYPE String
- \* WIDTH 14
- \* PRECISION 0
- \* SCALE 0

FIELD **HydrogenStandards**

- \* ALIAS Hydrogen Standards
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

FIELD **CNG\_FillTypeCode**

- \* ALIAS CNG Fill Type Code
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD **CNG\_PSI**

- \* ALIAS CNG PSI
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

FIELD **CNG\_VehicleClass**

- \* ALIAS CNG Vehicle Class
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD **LNG\_VehicleClass**

- \* ALIAS LNG Vehicle Class
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD **EV\_OnSiteRenewableSource**

- \* ALIAS EV On Site Renewable Source
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

## Metadata Details

- \* METADATA LANGUAGE English (UNITED STATES)
- \* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format
- URI OF THE DATA DESCRIBED BY THE METADATA <https://data-usdot.opendata.arcgis.com/datasets/alternative-fueling-stations>
- SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset
- SCOPE NAME \* dataset
- LAST UPDATE 2021-06-01
- ARCGIS METADATA PROPERTIES
  - METADATA FORMAT ArcGIS 1.0
  - METADATA STYLE FGDC CSDGM Metadata
  - STANDARD OR PROFILE USED TO EDIT METADATA FGDC
  - CREATED IN ARCGIS FOR THE ITEM 2021-06-01

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-06-01

AUTOMATIC UPDATES

HAVE BEEN PERFORMED **Yes**

LAST UPDATE 2021-06-01