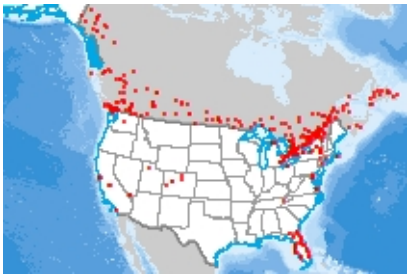
Electric Vehicle Charging Stations (Planned)



Tags
electric vehicle, charging station, transportation

Summary

This layer contains the planned electric vehicle subset from the Alternative Fueling Stations dataset is as of August 4, 2021, and is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics' (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

This layer contains the planned electric vehicle subset from the Alternative Fueling Stations dataset is as of August 4, 2021, and is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics' (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

West -159.584847 **East** -65.973633
North 63.447419 **South** 18.375313

Scale Range

Maximum (zoomed in) 1:5,000

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

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 Electric Vehicle Charging Stations
PUBLICATION DATE 2021-08-04
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 ev_charging_station_site_planned_v10

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 ev_charging_station_site_planned_v10

* OBJECT TYPE point

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME ev_charging_station_site_planned_v10

* 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 ev_charging_station_site_planned_v10

* TYPE Feature Class

FIELD OBJECTID_1

* ALIAS OBJECTID_1
* 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 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 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 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 GroupsWithAccessCodeFrench
* ALIAS Groups with Access Code French
* DATA TYPE String
* WIDTH 85
* 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 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 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 2021-08-04

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 2021-08-04

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-08-04

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-08-04