

**FortisAlberta Facility Data**

FortisAlberta delivers safe and reliable electricity to more than half a million customers in 200 communities across Alberta. As a wire service (electricity distribution) provider, FortisAlberta is also responsible to build, maintain and upgrade a vast network of facilities within their service territory including power line poles, conductors and street lights.

Disclaimer: Every effort has been made to ensure spatial accuracy of the data, however, this product is a mapping representation of FortisAlberta owned facilities only and may not accurately depict the exact geographic locations on the ground. For any planned or required ground disturbances, you must obtain accurate location details from FortisAlberta field staff. To locate underground services, ALWAYS 'Dial Before You Dig' and contact Alberta One Call at 1-800-242-3447. Other wire service providers exist with the service area, but are not shown.

The FortisAlberta facility dataset (poles, conductors, corporate boundary and street lights) is updated on a monthly basis. This GIS dataset contains multiple attributes as described in the charts below:

POLE ATTRIBUTES

Field	Value	Definition
G3E_FID	Feature Identifier	Unique Plant Identifier used to identify feature
POLE_TYPE	Pole Type	DISTRIBUTION: Wood Distribution Pole STEEL STREET LIGHT: Steel Light Pole
HEIGHT	Pole Height	Pole height in feet
CLASS	Class	Class of Pole (if known)
MATERIAL	Pole Type	Material type
INST_DATE	Install Year	Year Pole Installed
FEEDER_NO	Feeder Number	Feeder Number Starting at Bus in the Substation (format SUB#_LineNumber out of sub)Line System Voltage in KV
VOLTAGE	Voltage	Line System Voltage in KV pole is in
JOINT_USE	Joint Use	Is there joint use on pole? Y: Yes >> N: No
OWNER	Owner Name	FTS: FortisAlberta Owned and Operated FESL: Farm Electric Services Owned, FortisAlberta Operated T-RURAL: Customer Owned, Fortis Operated

CONDUCTOR ATTRIBUTES



Field	Value	Definition
G3E_FNO	Feature Number	System Information Only
LINE_NUMBE	Line Number	Line Number
COND_SIZE	Conductor Size	Conductor size designation
COND_TYPE	Conductor Type by Name	Conductor Type By Name
LENGTH	Length	Length of Conductor Segment
NUM_WIRES	Number of Conductors	Number of Conductors
INSTALL_DA	Install Year	Year Conductor Installed
FEEDER_NUM	Feeder Number	Feeder Number Starting at Bus in the Substation (format SUB#_LineNumber out of sub)
VOLTAGE	Voltage	Line System Voltage in KV
PHASES	Phases	Phases of Conductor, FortisAlberta uses XYZ as phase designation for Distribution lines and ABC on secondary.
ORIENTATIO	Orientation	OH: Overhead Conductor UG: Underground Conductor
LINE_OWNER	Line Owner Name	FTS: FortisAlberta Owned and Operated FESL: Farm Electric Services Owned, Fortis Operated T-RURAL: Customer Owned, Fortis Operated

CORPORATE BOUNDARY ATTRIBUTES



G3E_FID	Feature Number	System Information Only
BDRY_TYPE	Boundary Type	Boundary Type
BDRY_NAME	Boundary Name	Boundary Name

STREET LIGHT ATTRIBUTES



Field	Value	Definition
G3E_FID	Feature Identifier	Unique Plant Identifier used to identify feature
WATTAGE	Wattage	Bulb wattage
BULB_TYPE	Bulb Type	Bulb type
LIGHT_TYPE	Investment	Investment type
BILLABLE	Billable	Light being billed Y: Yes >> N: No
RATE_CODE	Rate Code	Rate code
BILLED_TO	Billed to	Customer type being billed
CONNECTED	Connected	Is light connected Y: Yes >> N: No
CITY	City	Location of light
SRVC_AREA	Service Area	Service point area name
OWNER	Owner Name	FTS: FortisAlberta Owned and Operated FESL: Farm Electric Services Owned, FortisAlberta Operated T-RURAL: Customer Owned, FortisAlberta Operated AT&U: Alberta Transportation (Not all)

FORTISALBERTA METADATA



Datum: NAD83

Projection: 10TM

Central Meridian: 115 Degree W

Ellipsoid: WGS 84

Scale Factor: 0.9992

False Northing: -5,000,000.0 m

False Easting: 500,000.0 m