

# European Substations

Metadata also available as

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- 

### *Identification\_Information:*

#### *Citation:*

##### *Citation\_Information:*

*Originator:* Platts

*Publication\_Date:* 2006

*Title:* European Substations

*Geospatial\_Data\_Presentation\_Form:* vector digital data

##### *Publication\_Information:*

*Publication\_Place:* Boulder, CO

*Publisher:* Platts

*Online\_Linkage:* <<http://www.gisdata.platts.com/>>

### *Description:*

#### *Abstract:*

The Platts Electric Substation geospatial data layer contains point features representing electric transmission, sub-transmission, and some distribution substations in Europe. These substations are fed by electric transmission and sub-transmission lines and are used to step-up and step-down the voltage of electricity being carried by the lines, or simply to connect together various lines and maintain reliability of supply. These substations can be located on the surface within fenced enclosures, within special purpose buildings, on rooftops (in urban environments), or underground. A substation feature is also used to represent a location where one transmission line "taps" into another.

#### *Purpose:*

The Platts Electric Substation geospatial data layer was created to show the location of electric substations in Europe.

### *Time\_Period\_of\_Content:*

#### *Time\_Period\_Information:*

##### *Single\_Date/Time:*

*Calendar\_Date:* 2006

*Currentness\_Reference:* publication date

### *Status:*

*Progress:* In work

*Maintenance\_and\_Update\_Frequency:* Continually

*Spatial\_Domain:**Bounding\_Coordinates:**West\_Bounding\_Coordinate:* -25.207355*East\_Bounding\_Coordinate:* 44.105648*North\_Bounding\_Coordinate:* 71.000114*South\_Bounding\_Coordinate:* 27.733333*Keywords:**Theme:**Theme\_Keyword\_Thesaurus:* ArcIMS Metadata Server Theme Codes*Theme\_Keyword:* utilitiesCommunication*Theme\_Keyword:* structure*Theme:**Theme\_Keyword\_Thesaurus:* NONE*Theme\_Keyword:* Electric substation*Theme\_Keyword:* Substation*Place:**Place\_Keyword\_Thesaurus:* NONE*Place\_Keyword:* Europe*Place\_Keyword:* EU*Place\_Keyword:* Albania*Place\_Keyword:* Austria*Place\_Keyword:* Belarus*Place\_Keyword:* Belgium*Place\_Keyword:* Bosnia and Herzegovina*Place\_Keyword:* Bulgaria*Place\_Keyword:* Croatia*Place\_Keyword:* Czech Republic*Place\_Keyword:* Denmark*Place\_Keyword:* Estonia*Place\_Keyword:* Finland*Place\_Keyword:* France*Place\_Keyword:* Germany*Place\_Keyword:* Greece*Place\_Keyword:* Hungary*Place\_Keyword:* Ireland*Place\_Keyword:* Italy*Place\_Keyword:* Latvia*Place\_Keyword:* Lithuania*Place\_Keyword:* Luxembourg*Place\_Keyword:* Macedonia*Place\_Keyword:* Malta*Place\_Keyword:* Moldova*Place\_Keyword:* Montenegro*Place\_Keyword:* Netherlands*Place\_Keyword:* Norway*Place\_Keyword:* Poland*Place\_Keyword:* Portugal*Place\_Keyword:* Romania*Place\_Keyword:* Serbia*Place\_Keyword:* Slovakia*Place\_Keyword:* Slovenia

*Place\_Keyword:* Spain  
*Place\_Keyword:* Sweden  
*Place\_Keyword:* Switzerland  
*Place\_Keyword:* Ukraine  
*Place\_Keyword:* United Kingdom  
*Place\_Keyword:* UK

*Access\_Constraints:*

Access is limited to the users identified in a Master Service Agreement with Platts.

*Use\_Constraints:*

Use is limited to the individuals identified in a Master Service Agreement with Platts. Usage and Sourcing guidelines are detailed in the "GeospatialProductUsageSourcing" document, delivered with a subscription to Platts geospatial products and data. Please email [powermap\\_support@platts.com](mailto:powermap_support@platts.com) for a copy.

*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*  
*Contact\_Organization:* Platts  
*Contact\_Address:*  
*Address\_Type:* mailing and physical address  
*Address:* 3333 Walnut Street  
*City:* Boulder  
*State\_or\_Province:* CO  
*Postal\_Code:* 80301  
*Country:* United States  
*Contact\_Voice\_Telephone:* +1 720-548-5020  
*Contact\_Facsimile\_Telephone:* +1 720-548-5007  
*Contact\_Electronic\_Mail\_Address:* [custom\\_services@platts.com](mailto:custom_services@platts.com)

*Native\_Data\_Set\_Environment:*

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.2.0.1324

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*Data\_Quality\_Information:*

*Lineage:*

*Process\_Step:*

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*Spatial\_Data\_Organization\_Information:*

*Direct\_Spatial\_Reference\_Method:* Vector

*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* Entity point  
*Point\_and\_Vector\_Object\_Count:* 20175

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Geographic:*

*Latitude\_Resolution:* 0.000000  
*Longitude\_Resolution:* 0.000000  
*Geographic\_Coordinate\_Units:* Decimal degrees  
*Geodetic\_Model:*  
*Horizontal\_Datum\_Name:* D\_WGS84  
*Ellipsoid\_Name:* World\_Geodetic\_System\_of\_1984  
*Semi-major\_Axis:* 6378137.000000  
*Denominator\_of\_Flattening\_Ratio:* 298.257223

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* Substations

*Entity\_Type\_Definition:*

Point features representing locations of electric substations in Europe.

*Attribute:*

*Attribute\_Label:* Shape

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* FID

*Attribute\_Definition:* Internal feature number.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* SUB\_ID

*Attribute:*

*Attribute\_Label:* SUB\_NAME

*Attribute:*

*Attribute\_Label:* MAX\_VOLT

*Attribute:*

*Attribute\_Label:* NUM\_LINES

*Attribute:*

*Attribute\_Label:* PLATTS\_ID

*Overview\_Description:*

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Platts

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 3333 Walnut Street

*City:* Boulder

*State\_or\_Province:* CO

*Postal\_Code:* 80301

*Country:* United States

*Contact\_Voice\_Telephone:* 720-548-5020

*Contact\_Facsimile\_Telephone:* 720-548-5007

*Contact\_Electronic\_Mail\_Address:* custom\_services@platts.com

*Resource\_Description:* Offline Data

*Distribution\_Liability:*

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*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Transfer\_Size:* 0.539

*Ordering\_Instructions:* Contact a Platts sales associate @ 1-800-PLATTS8

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20070201

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Keith Holecek

*Contact\_Organization:* Platts

*Contact\_Position:* Senior Geospatial Analyst

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 3333 Walnut Street

*City:* Boulder

*State\_or\_Province:* CO

*Postal\_Code:* 80301

*Country:* United States

*Contact\_Voice\_Telephone:* 720-548-5718

*Contact\_Facsimile\_Telephone:* 720-548-5007

*Contact\_Electronic\_Mail\_Address:* keith\_holecek@platts.com

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Access\_Constraints:* NONE

*Metadata\_Use\_Constraints:* NONE

*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>

*Profile\_Name:* ESRI Metadata Profile

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