**COMUNIDADES**

**Comunidad[Gcc][4]**

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 23

v\_id 24

lon 9.726993

lat 54.291421

typ substation

voltage 220000;110000

frequency 50

name Audorf

operator TenneT;Schleswig-Holstein Netz AG

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.72699275106814 54.2914209859...

Name: 23, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 82

v\_id 83

lon 10.156283

lat 54.275548

typ substation

voltage 220000;110000

frequency 50

name Kiel-Süd

operator EON\_Netz;TenneT

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(10.1562825155965 54.2755482828...

Name: 82, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 83

v\_id 84

lon 10.177354

lat 54.339521

typ generator

voltage NaN

frequency NaN

name Gemeinschaftskraftwerk Kiel

operator E.ON Kraftwerke GmbH;Stadtwerke Kiel AG

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(10.1773541417844 54.3395212774...

Name: 83, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 265

v\_id 270

lon 7.224238

lat 53.349927

typ substation

voltage 220000;110000

frequency 50

name Emden-Borßum

operator TenneT;EON\_Netz

ref EMDB

wkt\_srid\_4326 SRID=4326;POINT(7.22423843379854 53.349927162548)

Name: 265, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 266

v\_id 271

lon 7.206053

lat 53.341319

typ substation

voltage 220000;110000

frequency NaN

name Umspannwerk Kraftwerk Emden

operator NaN

ref EMDE

wkt\_srid\_4326 SRID=4326;POINT(7.20605287251855 53.3413192735...

Name: 266, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 267

v\_id 272

lon 9.318195

lat 54.716049

typ substation

voltage 380000;220000;110000;20000

frequency 50

name Flensburg

operator TenneT

ref FLEN

wkt\_srid\_4326 SRID=4326;POINT(9.31819528207498 54.7160494380...

Name: 267, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 324

v\_id 331

lon 12.747463

lat 48.148745

typ substation

voltage 220000;110000

frequency 50

name Umspannwerk Pirach

operator 'TenneT TSO GmbH

ref E.ON Netz GmbH'

wkt\_srid\_4326 PI

Name: 324, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 391

v\_id 399

lon 9.097115

lat 48.827773

typ substation

voltage 220000;110000

frequency NaN

name Umspannwerk Weilimdorf

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.09711497138979 48.8277733233...

Name: 391, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 575

v\_id 588

lon 16.118892

lat 49.103754

typ substation

voltage 400000;110000

frequency NaN

name Slavětice

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(16.118891675349 49.1037540067666)

Name: 575, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 576

v\_id 589

lon 15.879927

lat 48.329604

typ substation

voltage 380000

frequency NaN

name Umspannwerk Dürnrohr

operator Verbund

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(15.8799271659043 48.3296036603...

Name: 576, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 694

v\_id 707

lon 18.315853

lat 49.705043

typ substation

voltage 220000;110000

frequency 50

name Lískovec

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(18.3158527397821 49.7050425080...

Name: 694, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 695

v\_id 708

lon 17.559627

lat 49.216759

typ substation

voltage 400000

frequency 50

name Otrokovice

operator ceps\_cz

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(17.5596268041455 49.2167590808...

Name: 695, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 696

v\_id 709

lon 17.660137

lat 48.336693

typ substation

voltage 400000;220000;110000

frequency NaN

name Križovany

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(17.6601372997386 48.3366932169...

Name: 696, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 713

v\_id 726

lon -1.364713

lat 54.592356

typ substation

voltage 400000;132000

frequency NaN

name Norton Sub Station

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(-1.3647128766412 54.5923559899...

Name: 713, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 824

v\_id 837

lon 9.379011

lat 46.811236

typ substation

voltage NaN

frequency NaN

name Bonaduz

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.37901079398764 46.8112358093...

Name: 824, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 4

Unnamed: 0 825

v\_id 838

lon 9.539419

lat 46.97744

typ substation

voltage NaN

frequency 50

name Unterwerk Sarelli

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.53941901122865 46.9774403441...

Name: 825, dtype: object

**Comunidad[Gcc][6]**

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 30

v\_id 31

lon 9.746151

lat 50.91684

typ substation

voltage 380000;110000

frequency 50

name Mecklar

operator EON\_Netz

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.74615085631454 50.9168400022...

Name: 30, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 31

v\_id 32

lon 11.122855

lat 50.998909

typ substation

voltage 380000;220000;110000

frequency 50

name Umspannwerk Vieselbach

operator 50Hertz Transmission GmbH

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(11.1228546271538 50.9989090757...

Name: 31, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 32

v\_id 33

lon 10.385941

lat 51.001813

typ substation

voltage 380000;110000

frequency 50

name Eisenach

operator 50Hertz

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(10.3859411718194 51.0018133141...

Name: 32, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 77

v\_id 78

lon 11.646379

lat 50.534877

typ substation

voltage 380000;220000;110000

frequency 50

name Umspannwerk Remptendorf

operator 50Hertz Transmission GmbH

ref RDF;RE

wkt\_srid\_4326 SRID=4326;POINT(11.6463786860412 50.5348769896...

Name: 77, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 272

v\_id 277

lon 8.122157

lat 53.565832

typ substation

voltage 220000

frequency 50

name Atlantic

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(8.12215705538293 53.5658323327...

Name: 272, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 274

v\_id 279

lon 12.81391

lat 50.857919

typ substation

voltage 380000;220000;110000

frequency 50

name Umspannwerk Röhrsdorf

operator 50Hertz

ref ROE

wkt\_srid\_4326 SRID=4326;POINT(12.8139099558581 50.8579185289...

Name: 274, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 275

v\_id 280

lon 13.382323

lat 51.355996

typ substation

voltage 380000;110000

frequency 50

name Umspannwerk Streumen

operator 50Hertz

ref STR

wkt\_srid\_4326 SRID=4326;POINT(13.3823234132251 51.3559961800...

Name: 275, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 285

v\_id 291

lon 14.570087

lat 51.419014

typ plant

voltage NaN

frequency NaN

name Kraftwerk Boxberg

operator Vattenfall Europe

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(14.5700866006585 51.4190137129...

Name: 285, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 286

v\_id 292

lon 11.644181

lat 51.908513

typ substation

voltage 220000;110000

frequency 50

name Umspannwerk Förderstedt

operator 50Hertz

ref MD 38

wkt\_srid\_4326 SRID=4326;POINT(11.6441811640088 51.9085129245...

Name: 286, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 296

v\_id 302

lon 9.51424

lat 51.259036

typ substation

voltage 380000;110000

frequency NaN

name Umspannwerk Bergshausen

operator TenneT

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.51424013881917 51.2590355982...

Name: 296, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 314

v\_id 321

lon 7.572437

lat 48.018875

typ substation

voltage 400000

frequency NaN

name Poste électrique de Vogelgrun

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(7.57243737559791 48.0188750160...

Name: 314, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 317

v\_id 324

lon 14.946497

lat 51.062586

typ substation

voltage 380000;110000

frequency 50

name Umspannwerk Hagenwerder

operator 50Hertz

ref HGW

wkt\_srid\_4326 SRID=4326;POINT(14.9464971571741 51.0625863042...

Name: 317, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 318

v\_id 325

lon 15.114966

lat 51.090575

typ substation

voltage 400000;220000;110000

frequency NaN

name Stacja elektroenergetyczna „Mikułowa” 400/220/...

operator PSE Operator

ref MIK

wkt\_srid\_4326 SRID=4326;POINT(15.1149656392042 51.0905747712...

Name: 318, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 331

v\_id 338

lon 12.082255

lat 49.297448

typ substation

voltage 380000;220000;110000

frequency 50

name Schwandorf

operator 'TenneT TSO GmbH

ref E.ON Netz GmbH'

wkt\_srid\_4326 SD

Name: 331, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 332

v\_id 339

lon 8.953681

lat 49.567443

typ substation

voltage 220000;110000

frequency 50

name Beerfelden

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(8.95368125793136 49.5674432054...

Name: 332, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 333

v\_id 341

lon 12.248824

lat 51.197882

typ substation

voltage 220000;110000

frequency 50

name Umspannwerk Großdalzig

operator 50Hertz Transmission;enviaM

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(12.2488239333733 51.197882455184)

Name: 333, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 334

v\_id 342

lon 10.734669

lat 51.440187

typ substation

voltage 220000

frequency 50

name Wolkramshausen (220 kV)

operator 50Hertz

ref WK

wkt\_srid\_4326 SRID=4326;POINT(10.7346694131288 51.4401867876...

Name: 334, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 335

v\_id 343

lon 11.004917

lat 50.507415

typ substation

voltage 380000

frequency 50

name Pumpspeicherwerk Goldisthal

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(11.0049169401521 50.5074149865...

Name: 335, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 427

v\_id 439

lon 8.24975

lat 48.849177

typ auxillary\_T\_node

voltage 220000

frequency 50

name Daxlanden - Weier

operator EnBW

ref DAXLA-KUMRA-WEIER

wkt\_srid\_4326 SRID=4326;POINT(8.24975045659741 48.8491773731...

Name: 427, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 428

v\_id 440

lon 9.459677

lat 53.864658

typ auxillary\_T\_node

voltage 220000

frequency 50

name 202

operator TenneT

ref 202

wkt\_srid\_4326 SRID=4326;POINT(9.45967747872262 53.8646575042...

Name: 428, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 485

v\_id 498

lon 6.139821

lat 49.668597

typ substation

voltage 65000;220000;380000

frequency 50

name Station Heisdorf

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(6.13982051606053 49.6685969450...

Name: 485, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 502

v\_id 515

lon 9.047413

lat 51.167787

typ substation

voltage 400000

frequency NaN

name NaN

operator E.ON Kraftwerke GmbH

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.04741271801621 51.1677872449...

Name: 502, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 503

v\_id 516

lon 9.050365

lat 51.167324

typ substation

voltage 380000

frequency 50

name NaN

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(9.05036513764223 51.1673238667...

Name: 503, dtype: object

########################################################

Modelo: Gcc

Comunidad grupo: 6

Unnamed: 0 504

v\_id 517

lon 8.65595

lat 50.603605

typ substation

voltage 380000;110000

frequency 50

name Umspannwerk Gießen Nord

operator NaN

ref NaN

wkt\_srid\_4326 SRID=4326;POINT(8.65595014422814 50.6036046473...

Name: 504, dtype: object