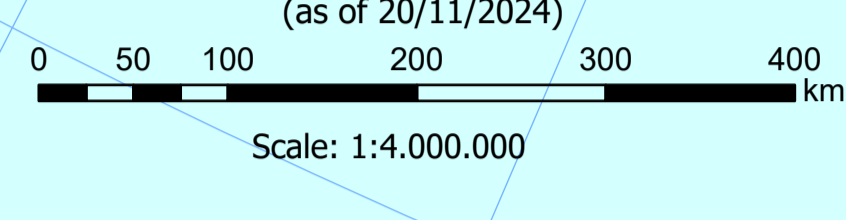


Interconnected Network  
 of ENTSO-E 2024  
 (as of 20/11/2024)



**Lines and cables**

Different colors (bottom):  
 - 1000 MW transmission line  
 - 500-999 MW transmission line  
 - 300-499 MW transmission line  
 - 100-299 MW transmission line  
 - 50-99 MW transmission line  
 - 10-49 MW

Different lines for all voltage levels under operation:  
 - AC  
 - DC  
 - HVDC  
 - HVDC with 1 circuit required  
 - HVDC with 2 circuits

Additional information for all lines and voltage levels:  
 - Line under construction  
 - Line to be decommissioned  
 - Line to be replaced

**Other elements**

Power plants:  
 - Nuclear  
 - Coal  
 - Gas  
 - Oil  
 - Hydro  
 - Wind  
 - Solar  
 - Biomass  
 - Geothermal  
 - Other  
 - Other power plant

Substations:  
 - AC  
 - DC  
 - HVDC  
 - HVDC with 1 circuit required  
 - HVDC with 2 circuits

Other elements:  
 - Line under construction  
 - Line to be decommissioned  
 - Line to be replaced

**NGS threshold in MW**

Country	Threshold (MW)
Algeria	100
Armenia	100
Azerbaijan	100
Bahrain	100
Bangladesh	100
Belarus	100
Bhutan	100
Bolivia	100
Brazil	100
Bulgaria	100
Canada	100
Chad	100
China	100
Cuba	100
Cyprus	100
Dominican Republic	100
Dominica	100
Egypt	100
Ecuador	100
El Salvador	100
Equatorial Guinea	100
Ethiopia	100
France	100
Georgia	100
Germany	100
Ghana	100
Greece	100
Guatemala	100
Honduras	100
Hong Kong	100
Hungary	100
India	100
Indonesia	100
Iran	100
Iraq	100
Israel and Palestine	100
Italy	100
Jamaica	100
Jordan	100
Kazakhstan	100
Korea	100
Kuwait	100
Latvia	100
Lebanon	100
Libya	100
Lithuania	100
Luxembourg	100
Macao	100
Malaysia	100
Malta	100
Mexico	100
Moldova	100
Morocco	100
Montenegro	100
Mozambique	100
Netherlands	100
Nigeria	100
North Macedonia	100
North Macedonia	100
Poland	100
Portugal	100
Romania	100
Russia	100
Rwanda	100
Saudi Arabia	100
Serbia	100
Slovakia	100
Slovenia	100
Spain	100
Sri Lanka	100
Syria	100
Taiwan	100
Tanzania	100
Togo	100
Turkey	100
Turkmenistan	100
Ukraine	100
United Kingdom	100
USA	100
Uzbekistan	100
Vietnam	100
Zambia	100
Zimbabwe	100

**Power systems**

Legend for power systems: AC, DC, HVDC, HVDC with 1 circuit required, HVDC with 2 circuits

