



Electricity Highways Candidate PCI

Priority area: Electricity Highways (EH)

The Electricity highways should be capable of:

- Accommodating ever-increasing wind surplus generation in and around the Northern and Baltic Seas and increasing renewable generation in the East and South of Europe and also North Africa;
- Connecting these new generation hubs with major storage capacities in the Nordic countries, the Alps and other regions with major consumption centres; and
- Coping with an increasingly variable and decentralised electricity supply and flexible electricity demand.

Electricity Highways (TEN-E regulation)

- **Any physical equipment designed to allow transport of electricity on the high and extra-high voltage level, in view of connecting large amounts of electricity generation or storage located in one or several Member States or third countries with large-scale electricity consumption in one or several other Member States**

Electricity Highways

- **Projects that fulfil these general criteria will be proposed to be double-labelled as electricity highways;**
- **Comments from Member States and project promoters by 10 September 2015;**
- **Final decision to be taken by the decision-making body**

NSOG electricity

1.1.1	Thames Estuary Cluster (NEMO)	Thames Estuary Cluster (NEMO Link)	GB	National Grid Interconnector Holdings Limited, Elia SA/nv	74	443
1.3.1	DKW-DE, Westcoast	Interconnection between Endrup (DK) and Niebüll (DE)	DK/DE	Energinet.dk; TenneT TSO GmbH	183	1018
1.3.2	North South Eastern German Corridor (one of 6 projects)	Internal line between Brunsbüttel and Niebüll (DE)	DE	TenneT TSO GmbH	209	667
1.4.1	DKW-DE, step 3	Interconnection between Kassö (DK) and Audorf (DE)	DK/DE	Energinet.dk; TenneT TSO GmbH	39	144
1.4.2	North South Eastern German Corridor (one of 6 projects)	Internal line between Audorf and Hamburg/Nord (DE)	DE	TenneT TSO GmbH	209	148
1.4.3	North South Eastern German Corridor (one of 6 projects)	Internal line between Hamburg/Nord and Dollern (DE)	DE	TenneT TSO GmbH	209	147
1.5	COBRA Cable	Endrup (DK) - Eemshaven (NL)	DK/NL	TenneT and Energinet	71	427
1.6	Celtic Interconnector	Great Island or Knockraha (IE) - La Martyre (FR)	IE/FR	RTE, Eirgrid	107	810
1.8	Southern Norway - Germany (Nord.Link)	Germany – Norway interconnection between Wilster (DE) and Tonstad (NO) (NORD.LINK)	DE/NO	TenneT TSO GmbH, Statnett SF, KfW Kreditanstalt für Wiederaufbau	37	142
1.10.1	NSN	Kvildall (NO) - Blythe (GB)	NO-GB	Statnett, National Grid	110	
1.10.2	NorthConnect	Sima (NO)- Peterhead (GB)	NO-GB	Northconnect KS	190	1033
New	Interco Iceland-UK	Interco Iceland-UK	IS/UK	Landsnet, Landsvirkjun and National Grid	214	1082
New	Viking DKW-GB	DKW-GB (Viking Link)	DK/GB	National Grid Interconnector Holdings, Energinet.dk.	167	998

NSI West electricity

2.7	Western interconnection FR-ES	Gatica (ES) – Aquitaine (Cubnezais) (FR)	ES/FR	RTE/REE	16	38
2.9	North South Western German Corridor	North South Western German Corridor	DE	Amprion GmbH (DE); TransnetBW GmbH (DE)	134	660
2.10	North South Eastern German Corridor	Internal line between Brunsbüttel to Großgartach, Wilster to Area Grafenrheinfeld	DE	TenneT TSO GmbH, TransnetBW GmbH	164	664

NSI East electricity

3.10.1	EUROASIA interconnector	Internal line between Korakia, Crete(EL) and Attica (EL)	EL	DEH Quantum Energy LTD	219	949
3.10.2	EUROASIA interconnector	Interconnection between Vasilikos (CY) and Korakia, Crete(EL)	CY/EL	DEH Quantum Energy LTD	219	971
3.10.3	EUROASIA interconnector	Interconnection between Hadera (IL) and Vasilikos (CY)	IL/CY	DEH Quantum Energy LTD	219	1054