

## ENTSO-E publishes its final pilot Ten-Year Network Development Plan

**After passing through six weeks of public consultation from 1 March till 11 April, including a stakeholder workshop on 19 March, ENTSO-E's pilot Ten-Year Network Development Plan (TYNDP) is now finalized, taking into account the results of the public consultation. The publication of the TYNDP marks the end of a significant effort by ENTSO-E, with support from the European Commission, ERGEG, and many key stakeholders, to fulfill one of its major tasks according to European legislation, but also the beginning of even more intense work leading to the second release of the plan in two years.**

ENTSO-E proceeded with the elaboration of the TYNDP in an open and transparent manner; over 100 stakeholder representatives attended ENTSO-E's workshop and 21 written responses were received by ENTSO-E from the European Commission as well as from key stakeholders such as EURELECTRIC, EWEA, Greenpeace and T&D Europe.

Stakeholders welcomed ENTSO-E's initiative to anticipate the entry into force of Regulation (EC) 714/2009, and thus to address the urgency of building transmission lines necessary to enable the achievement of the European Energy Policy goals. Stakeholders commented in view of (a) improving further releases of the TYNDP and (b) of improving the legal and regulatory framework, thus addressing the European Commission and Regulators.

Stakeholders acknowledge the TYNDP pilot project as an achievement, with improvements proposed by ENTSO-E for the next release – mainly the development of a “2020 scenario” – being strongly encouraged. ENTSO-E shares the sense of urgency that is stressed in almost all contributions since grid development requires time, while little time is left for meeting the EU 2020 targets. Furthermore, the construction of multiple scenarios for evaluating new assets is evidently an indispensable tool when dealing with uncertainties. The TYNDP therefore concludes that developing shared, long-run, top down, scenarios, involving ACER, stakeholders, policy and decision-makers is a major concern for ENTSO-E, with the goal to define at least the 2020 horizon. The consultation clearly indicates that permitting procedures and authorization processes constitute the most relevant obstacle to building new transmission facilities, pointing to the need of simplifying and shortening the regulatory approval processes for new lines, without impairing citizens' rights.

By providing valuable insights in transmission infrastructure development, the TYNDP is a reference document whose future editions can also be an important basis for future European legislation focused on energy infrastructure development. To meet the next release deadline of June 2012, work is already starting in July 2010, structured upon the elaboration of regional investment plans, and focusing on three key aspects:

- updating present bottom-up scenarios and developing shared, long-run, top-down, scenarios, involving ACER, stakeholders, policy and decision-makers;
- developing common ENTSO-E pan-European market modelling, reflecting as close as possible the forces which drive the commercial flow of electricity and its translation into physical power flows;
- further developing an ENTSO-E wide common framework for regional network studies, based on pan-European scenarios and an integrated mid- and long-term network model.

The full document can be accessed and downloaded on ENTSO-E's website [www.entsoe.eu](http://www.entsoe.eu)

## Editorial Notes

### TYNDP

The TYNDP presents a forward-looking proposal for electricity transmission infrastructure investments across 34 European countries. In accordance with EU Regulation (EC) 714/2009 on cross-border electricity exchanges, the TYNDP is a non-binding plan, to be updated every two years. This first release of the TYNDP puts forward a total of close to 500 investment projects, worth 23-28€ billion over the first five years.

The objectives of the TYNDP are to ensure transparency regarding the electricity transmission network and to support decision-making processes at regional and European level. The report is the most comprehensive and up-to-date European-wide reference for the transmission network. It points to significant investments in the European power grid in order to help achieve the European energy policy goals:

- increasing the use of renewable energy sources (RES) to 20% of total energy production by 2020;
- further promoting the Internal Energy Market (IEM) by alleviating congestion on the transmission network;
- ensuring security of supply (SoS) and system reliability of an increasingly complex transmission system connecting 525 million citizens across the ENTSO-E area.

Meeting these goals demands some 35,000 km of new transmission lines and 7,000 km of existing line upgrades. Out of the total of 42,000 km, which represents 14% of the existing transmission lines, TSOs plan to complete 44% of the work in the coming five years, and about 56% in the following five-year period.

### ENTSO-E

ENTSO-E is the European Network of Transmission System Operators for Electricity, representing 42 Transmission System Operators (TSOs) from 34 countries. Founded in December 2008, it became fully operational on 1 July 2009. TSOs are responsible for the bulk transmission of electric power on the main high voltage electric networks, one of the most important infrastructure backbones of Europe's service and industrial economy.

The TYNDP is, alongside the development of network codes, one of the new major tasks given to ENTSO-E by Regulation 714/2009, which is part of the EU's Third Legislative Energy Package. According to Art. 8.3 of the Regulation, "ENTSO-E shall adopt a non-binding Community-wide 10-year network development plan ('network development plan'), including a European generation adequacy outlook, every two years".

### **First instance of contact for further information is:**

[Michael Mieszczanski](#)  
Communication Advisor

ENTSO-E  
European Network of Transmission System Operators for Electricity

Avenue de Cortenbergh, 100  
1000 Brussels, Belgium

Phone +32 2 741 09 57

Mobile +32 4 79 66 05 29

Fax. +32 2 741 09 51

[michael.mieszczanski@entsoe.eu](mailto:michael.mieszczanski@entsoe.eu) • [www.entsoe.eu](http://www.entsoe.eu)