

PRESS RELEASE

Meeting immediate challenges to effectively integrate large scale wind power into Europe's electricity grids

Brussels, April 2: The achievement of Europe's renewable energy ambitions sets major challenges for the electricity industry including electricity networks. The European Wind Integration Study (EWIS) has been working to make sure Europe's electricity grids are ready to meet these challenges and now launches its findings and recommendations.

Over the last 2 years the European Wind Integration Study has been examining the immediate network related challenges of integrating large scale wind power into Europe's electricity grids. It has focused on how transmission networks can facilitate wind power's integration into Europe's electricity markets, harness the diversity between wind variations across Europe and enable the sharing of the backup facilities needed. The key recommendations identify how network needs can be best identified, how existing network capacity can be most effectively used, why already planned network strengthening measures are urgent, and which candidates for further strengthening are most cost-effective.

This study has been led by a consortium of Transmission System Operators who have benefited from the participation of industry stakeholders and the support of the European Commission DG TREN. The **Final Report and the Standalone Executive Summary** are now available on www.wind-integration.eu.

A concluding discussion and dissemination event is planned on Tuesday April, 13 with representatives of EWEA, EURELECTRIC, the European Commission and ENTSO-E. There will then be an opportunity for questions and discussion to ensure the findings are effectively integrated with other policy, planning, technical and commercial developments currently in progress.

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Notes to editors

The EWIS consortium of Transmission System Operators (TSOs) :

Transmission System Operator	Country
50Hertz Transmission GmbH	Germany
Amprion GmbH	Germany
CEPS, a.s.	Czech Republic
EirGrid plc	Ireland
Elia System Operator	Belgium
Energinet.dk	Denmark
Hellenic Transmission System Operator	Greece
National Grid plc	United Kingdom
PSE-Operator	Poland
Red Eléctrica de España	Spain
Rede Eléctrica Nacionalis	Portugal
RTE EDF TRANSPORT SA	France
TenneT TSO B.V.	Netherlands
Transpower Stromübertragungs GmbH	Germany
Verbund – Austrian Power Grid AG	Austria

They have been assisted by SUPWISci partners (from the University of Duisburg-Essen) who have provided market modelling tools and expertise.

The study has called on data and contributions from all European TSOs (now members of ENTSO-E the European network of transmission system operators for electricity) and has benefited from input from the wind industry, especially through the EWEA TradeWind study.