

## Appendix 1: Disclosure and publication of data from the TSOs

Specification as of 09 January 2009

Power situation	Paragraph(s) it refers to in the Agreement	Data to be reported:	Frequency of reporting:	Frequency of publishing:
<b>Reported total production for Norway (NO1/NO2/NOX), Sweden, Denmark (DK1/DK2) and Finland:</b> Sum total	2.9	Hourly values	20 minutes after the end of the hour	As soon as the data has been received from the TSOs
<b>Reported total calculated consumption for Norway (NO1/NO2/NOX), Sweden, Denmark (DK1/DK2) and Finland:</b> Sum total	2.9	Hourly values	20 minutes after the end of the hour	As soon as the data has been received from the TSOs
<b>Day ahead load forecast for Norway (NO1/NO2/NOX), Sweden, Denmark (DK1/DK2) and Finland</b>	1.0 EU legislation – NERI report 4.1.2	Hourly values	Every day before delivery day as soon as the data are ready	As soon as the data has been received from the TSOs
<b>Measured exchange for Norway (NO1/NO2/NOX), Sweden, Denmark (DK1/DK2) and Finland:</b> Sum against each country* Sum against areas/system per country	2.9	Hourly values	20 minutes after the end of the hour	As soon as the data has been received from the TSOs
<b>Planned trading capacity for Norway (NO1/NO2/NOX), Sweden, Denmark (DK1/DK2) and Finland:</b> Sum against each country Sum against Elspot area  These requirements are also applicable for interconnectors that are not part of Elspot, i.e. also for “external Nordel capacities”.	2.2 2.2.1 2.2.2	Hourly planned values: – for the next trading day  – Prognosis for the next week	– Sent every morning before 9:30  – Tuesdays at 15:00 and updated Friday morning	For Elspot day-ahead by 10:00, but TSOs can request change before 10:30 if NPS by mistake publish other values then given by TSO.  For “external Nordel capacities” day-ahead and reporting for next week identical time limits as for Elspot capacities shall apply.

<b>Planned intraday capacity for Elbas or other</b>	2.2.3	Hourly Elbas trading capacities between trading areas	- Every day right before hourly trading series for next day opens, i.e. normally by 2 p.m. and then continually for all open trading series	Continually for all open trading series
<b>Planned flow to and from the Nordic Electricity Exchange Area</b> Sum against each country Sum against Elspot area	2.6	Hourly planned values for the next trading day	Every day before 16:00 or at the latest 19:00.	As soon as the data has been received from the TSOs
<b>Long-term evolution of the transmission infrastructure</b>	2.2.4	New agreed long-term grid related investments that increase capacity on interconnectors, or other long-term changes that affect grid capacities in a positive or negative way	As a minimum in a yearly report by each TSO separately or co-ordinated within Nordel	As soon as the referred to report has been received by NPS and the person or formal body of the given TSO or Nordel responsible for the submittal has approved publication.
<b>Scheduled Generation for Norway (NO1/NO2/NOX), Sweden, Denmark (DK1/DK2) and Finland:</b>	EU legislation - NERI report 4.3.4	Hourly values.	Every day before delivery day at the latest 18:00.	As soon as the data has been received from the TSOs.
<b>Forecast of wind power generation. If feed in of wind power per year is more than 1% for country or more than 5% for control area.</b>	EU legislation – NERI report 4.3.6	Hourly values	Every day before delivery day at the latest 18:00.	As soon as the data has been received from the TSOs.
<b>Actual generation of wind power. If feed in of this type is more than 1% for country or more than 5% for control area.</b>	EU legislation – NERI report 4.3.6	Hourly values	Within 1 hour after the end of the hour	As soon as the data has been received from the TSOs.
<b>Outages and plans for limitations</b>				
<b>Transmission outages, failures and plans for maintenance or limitations</b>	2.5 2.5.1 2.5.2	Outages and plans linked to transmission facilities as specified in the Agreement.	Continually via the UMM application provided by NPS	As soon as the data and information has been received from the TSOs
<b>Sealed-in production or consumption</b>	2.7	Sealed-in production or consumption thus reduced availability, as specified in the Agreement.	Continually via the UMM application provided by NPS	As soon as the data has been received from the TSOs
<b>Markets:</b>				

<b>Regulating/balancing power market:</b> Prices (up and/or down regulating price) Turnover (activated per country/Elspot Area) Values for each country and Elspot area	2.9	Hourly values	Within 1 hour after the end of the hour	As soon as the data has been received from the TSOs
<b>Elspot areas:</b> Description Price areas	2.1	Date and time Grid connections	When needed	As soon as the data has been received from the TSOs

\* Depending on approval from E.ON Netz for Germany – Denmark West (DK1)

- Svenska Kraftnät reports data for Sweden
- Statnett reports data for Norway
- Fingrid reports data for Finland
- Energinet.dk reports data for Denmark West (Jutland and Funen) and for Denmark East (Zeeland and Bornholm)