

13th Baltic Electricity Market Mini-Forum, 12 th of January 2012

Electricity market data transparency

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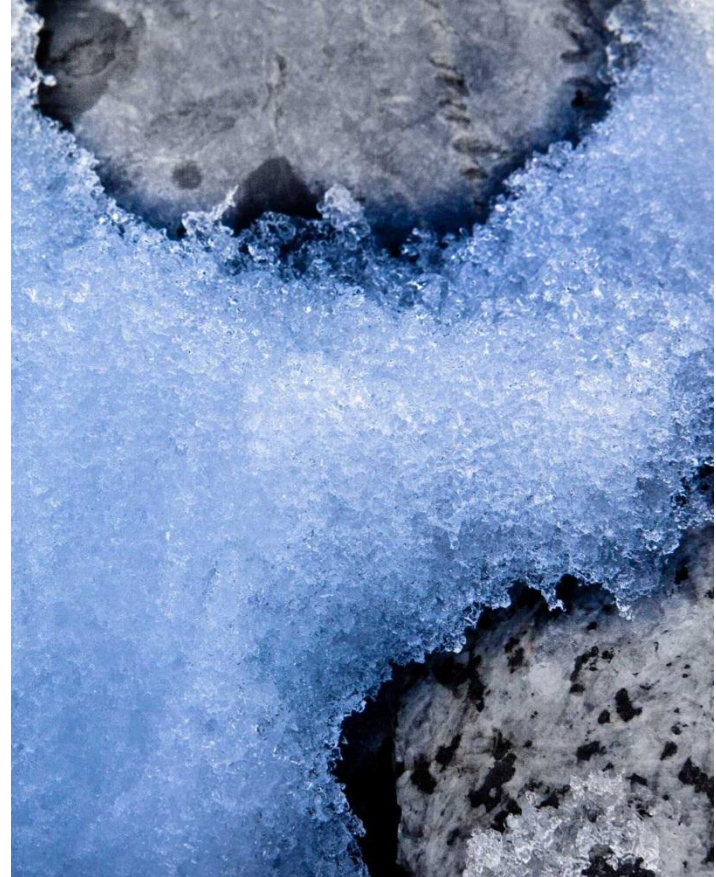


My background

- Manager Power Data Service at Nord Pool Spot
 - Four years at the Energy Market Inspectorate, Department of Surveillance and Market Design
 - Project Manager for government assignments:
 - "System for disclosure of GO in Sweden"
 - "Surveillance and transparency on the electricity market"
 - "The heating market in Sweden 2009"
 - "The developments on the electricity market during the summer 2008"
 - "The heating market in Sweden 2008"
 - Masters in Economics with a focus in industrial organization
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Power data service at Nord Pool Spot

- Power Data Services handles all NPS market and power system data. We are responsible for the data to be published correct on web and for all PDS related services.
- PDS handles all inquiries sent to NPS related to data.
pds@npsot.com.



Important criteria for an efficient and well functioning market

- High liquidity
- Low market concentration
- Confidence in the market
- Access to relevant information

Transparency is necessary for a efficient energy market

- The price in an efficient market should provide accurate signals for correct resource allocation. Access to relevant market information is therefore the most essential factor for an efficient market.
- Transparency makes the relevant information available to the participants so that they can efficiently evaluate the benefits and costs associated with their choices.
- Transparency levels the playing field for market participants, by reducing information advantage. (UMM)

One platform for Nordic & Baltic transparency

- The power systems in the Nordic and Baltic countries are linked closer and closer together. Changes that take place in one country are therefore relevant for all Nordic and Baltic market participants.
- The costs for transparency and the participants searching costs for relevant information will decrease with one platform.
- High transparency and lower searching costs will facilitate market entry.

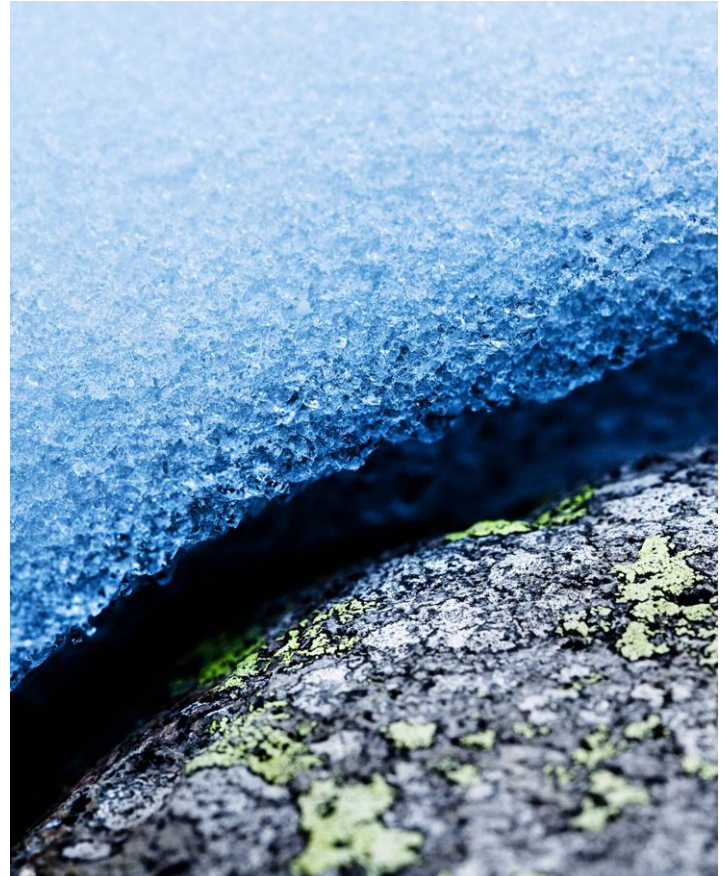
Nord Pool Spot website

www.nordpolspoot.com



NPS agreements and services offered to the TSOs

- The General Cooperation Agreement
- The Data publication Agreement
- The Service Agreement,
 - Transparency data & service agreement



New data on NPS website

- Data dividend on the four new Price areas in Sweden
- Exchange between NO areas
- Estonian power system data
- Introduction of ITVC Capacities and Flow
- Nordic External Capacity
- Introduction of Elspot Flow to/from Estonia
- Max NTC per connection

Products and services related to transparency

NPS website gives the market easy access to comprehensive information on the Nordic and Baltic electricity market.

Products and Services:

- FTP historical database
- NPS XML Feed
- Country and area reports
- Spot prices via SMS
- Customized Data Collection

General Cooperation Agreement

- NPS and Nordel (the Nordic TSOs) cooperate within several areas with the aim of developing the functions of the market optimally.
- They define the framework for the cooperation and to lay down clear business rules for cooperation between NPS and Nordel. Through this agreement the parties agreed on establishing a business relation.
- The agreement states the rules that apply when Nordel asks NPS to perform specific tasks. The rules specify the content of the information exchanged between the parties regarding these tasks.

Data publication agreement

The main purpose of the agreement is to ensure **transparency** of information concerning **trading capacities, network limitations that affect the trading capacities and operational information from the Nordic TSOs.**

The agreement contribute to the participants in the Nordic electricity market obtains access to relevant and identical market information at the same time.

The agreement also ensure that

- NPS fulfill the obligations according to its license as a market place, regarding the issue that price sensitive information will ensure the same level of transparency as regulated by the trading rulebook of NPS.
- TSOs fulfill the legal requirements linked to transparency in accordance with national and EU-legislation.

The Service Agreement

The purpose of this agreement is for NPS to publish and/or send Transparency Data specified by the TSO to a third party. This agreement defines the terms and conditions for the services NPS offers to the TSOs by publishing these data.

Service obligations of NPS:

- Publish Applicable Data via the NPS home page.
- Distribute Applicable Data to ENTSO-E platform.
- Validate and maintain Applicable Data.
- Offer first line support as specified in Service Description.

An underwater photograph showing a large, textured rock formation in the foreground. The water is clear and blue, with some light reflections on the surface. The text "Thank you for your attention!" is overlaid in white, bold, sans-serif font in the center of the image.

**Thank you for
your attention!**