

Minutes from Nord Pool's Customer Advisory Board meeting

22nd May 2019 - Keilasatama 5, Espoo, Finland

5/19 Opening and introductions

Marianne W Jenssen welcomed everyone and introduced member substitutes and visitors:

Mikael Heikkila from Fortum replacing Sebastian Sundberg in this meeting Aleksei Toptsilin from Eesti Energia replacing Charlie Viikberg in this meeting Visit from Mikko Heikkila from Fingrid representing Nordic TSOs

There were no comments to the minutes from the meeting on 27th February 2019 and no comments to the agenda.

6/19 Update from Nord Pool incl status for launch of new markets in CWE

Kari Ekelund Thørud and Marianne W Jenssen presented key events as of end of April 2019 and gave an update on what customers can expect from Nord Pool going forwards from strategic and operational point of view.

Dayahead Jan to April 2019: 181 TWh (2018: 194 TWh). The intraday market saw a new record in April with volume of 1.25 TWh (2018: 0.51 TWh). Total intraday volume as of end April amounted to 4.78 TWh (2018: 2.37 TWh).

The Nord Pool Remit UMM service will connect to Nordic TSO NUCS system API. Development is ongoing and timeline depends on readiness and firm specifications from NUCS. Nordic TSOs will launch their NUCS system sometime this year. All customers and other market participants will be able to continue using Nord Pool Remit UMM as they have always done for inside information reporting, reporting to ACER and reporting to Entso-e platform under the transparency regulation. UMM is available for use in all countries in the EU given the acceptance from local TSO.

Nord Pool launch plan for new markets in Germany, France, Luxemburg, Austria, Belgium and Netherlands was discussed, including rule book update and other aspect of expanding the Nord Pool market offering. Customer Advisory Board support the plans and the added value this extension of services from Nord Pool will bring to the market. They also expressed the need for a firm delivery date and a complete level playing field for real competition to take place. This includes shared order books and equal treatment of PXs in every country and every market.

Certain strategic opportunities were discussed and received support from Customer Advisory Board.

Customer Advisory board took note and expressed satisfaction with the path forwards.

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7/19 How we work with Product Development in Nord Pool, by John Horkan

John Horkan, Chief Digital Officer at Nord Pool presented how Nord Pool works with Products, Development and Innovation. Nord Pool spend much effort on ensuring that the organization and governance support the propagation of digital literacy throughout the entirety of the service delivery cycle. The culture we nurture and how we organize ourselves to succeed in the digital space is hugely important to realizing our pioneering ambition.

Nord Pool employs adapted agile methodologies to suit the approach to development and testing. Nord Pool is passionate about nurturing a culture of creativity and working closely with customers to bring new features to the market. Nord Pool believe in "being agile" not just "doing agile" through people, organisation and governance. Never compromising on robustness.

The company always welcome the opportunity to explore collective goals and optimize our organizational synergies

Customer Advisory board took note and expressed satisfaction with this way of working and nourishing the digital growth mindset.

8/19 Discussion on Order Transparency

Marianne W Jenssen gave an introductory presentation to the topic, pointing out different aspects of publishing order curves in Nordic bidding zones. The key driver for this discussion was the wish to increase transparency and give equal information to all.

With Multi Nemo going live during 2019 and Shared Order Books (SOB) being introduced in this context, the ownership to order data may be more fragmented than today. This may affect the ability for one PX to publish a complete order curve in an area.

Customer Advisory Board discussed the topic and wish to think about the different aspects until next meeting. This topic will be readdressed in our meeting on 7th November.

9/19 Cont. From last meeting – towards a common market design roadmap

a) Nordic TSOs and NBM status, roadmap and feedback (visitor: Mikko Heikkilä, Fingrid)

Customer Advisory Board appreciated the presentation from the TSOs and proposed that the TSOs would consider doing balancing in the intraday market and in general simplify market access to the TSO markets.

b) Nordic TSO discussion paper feedback, Nord Pool preliminary assessment, feedback

Nord Pool presented its preliminary assessment of the paper and noted that this is a good initiative from the TSOs which poses a possibility to impact future market design.

Customer Advisory Board noted the TSO paper on short term markets and Nord Pool will provide its response to the consultation up front to enable Customer Advisory Board.



c) Nordic TSO proposals on AFRR products and exemption for exchange of capacity obligations – Nord pool preliminary assessment, feedback

Nord Pool presented its initial view on this proposal and stressed that capacity reservation based on the current proposal and lack of impact assessment would have a negative impact on socio-economic welfare generated in other timeframes and would influence bidding zone prices. Customer Advisory Board agreed to and urged Nord Pool to answer to the consultation.

- d) Intraday auctions update from European co-operation
 Customer Advisory Board did not currently see a need to implement intraday auctions only for the purpose of intraday capacity pricing.
- e) Finnish ID gate closure pilot, update
 Nord Pool presented the current status and is awaiting further details from Fingrid related to
 timing. Customer Advisory Board questioned the reasoning provided by other Nordic TSOs
 related to not allowing trading closer to delivery.
- Next steps on CAB work with holistic market design Nord Pool provided an update per assessed item.

Next meeting date 7th November 2019



Present: Håkon Egeland (Statkraft Energi AS), Torbjørn Haugen (Markedskraft ASA), Knut-Harald Bakke (Hydro Energi AS), Aleksei Toptsilin (Eesti Energia AS, as substitute for Charlie Viikberg)), Pekka Tynkkynen (UPM Energy Oy), Trond Strøm (E-Co, representing NAET), Frank Rasmussen (Ørsted), Therese Gjerde (Kinect Energy), Mikael Heikkila from Fortum replacing Sebastian Sundberg; Johan Hagsten (Vattenfall AB)

Nord Pool: Kari Ekelund Thørud , Marianne Wergeland Jenssen, Jan Rönnback

Not present: Sebastian Sundberg (Fortum Power and Heat Oy); Diana Katzakevic (Lietuvos Energija), Stefan Forsgren (Skellefteå Kraft AB), Thomas Bjørn Houlind (Energi Danmark)

Minutes: Marianne W Jenssen (Nord Pool)