Minutes: NEG Technical Committee	
Date: Tuesday October 14th, 2014	
Time: 09:00 – 16:00	
Place: Oslo, Gardermoen	
November 17th, 2014	

NEG

Nordic Ediel Group

Present:	Jan Owe, Svenska kraftnät
	Jari Hirvonen, Fingrid
	Jon-Egil Nordvik, Statnett (Convenor)
	Kim Dahl, Statnett
	Mats Elmér, Svenska kraftnät
	Ole Fredsø Weigelt, Energinet.dk
	Ove Nesvik, EdiSys (Secretary)
To (NTC):	Antti Niemi, Nord Pool Spot
	Christian Odgaard, Energinet.dk
	Eveliina Ishii, Nord Pool Spot
	Hanna Blomfelt, Nord Pool Spot
	Jan Owe, Svenska kraftnät
	Jari Hirvonen, Fingrid
	Jon-Egil Nordvik, Statnett (Convenor)
	Kim Dahl, Statnett
	Marja Eronen, Nord Pool Spot
	Minna Arffman, Fingrid
	Ole Fredsø Weigelt, Energinet.dk
	Ove Nesvik, EdiSys (Secretary)
(NBS):	Mats Elmér, Svenska kraftnät
	Minnakaisa Ahonen, eSett
	Morten Hilger, Energinet.dk
	Morten Torgalsbøen, Statnett
	Pasi Lintunen, Fingrid
Unicorn:	Filip Kral, Unicorn
	Miloš Mojžiš, Unicorn
CC:	Anders Bergqvist, Svenska kraftnät
	Anne Stine Hop, Statnett
	Oscar Ludwigs, Svenska kraftnät
	Tor Bjarne Heiberg, Statnett
	Tor Åge Halvorsen, NordPool
Appendixes:	None

ebp-guide-v1r0-draft-R1.doc

Attachment: , see item 15.6, New ENTSO-E Price Document

1   Approval of agenda

The agenda was approved with the following additions:

- DATCR activation, see 15.1 under AOB
- Review of HNR page on http://www.ediel.org/, see 15.2 under AOB
- Addition of MGA imbalance to DSO, see 15.3 under AOB
- MGA Imbalance structure and Bilateral Trade structure, see 15.4 under AOB
- Status RPMimp, see 15.5 under AOB
- New ENTSO-E Price Document, see 15.6 under AOB
- When to change to CIM versions of the ENTSO-E documents in the Nordic countries, see 15.7 under AOB

2   Approval of previous meeting minutes

The previous minutes were approved after removal of text regarding the Norwegian/Swedish Ediel-portals.

3   NBS Issue list

#	Issue	Clarification, discussion, conclusion and/or action
Issue 1	Structure data flows	**20141014:** • Ove had made a first draft of a BRS for NBS master data exchange, see item **Error! Reference source not found.**. **20140916:** • Ove will make a first draft of a BRS for NBS master data exchange, see also item **Error! Reference source not found.** **20140623:** • Ove had made a draft document • To be followed up **20140523**: *Action:* • Ove will make a draft specification including all Structure data flows specified by Unicorn and an extension for Resource Object (Production Unit) Master Data
Issue 2	The handbook group will be asked to describe the rules for calculating Delta values, including how to specify direction (sign) for both Bilateral trade and MGA-MGA exchanges	**20141014:** • The handbook is expected updated in November. The update will include a description on how to calculate delta values. • The item will be removed from the issue list. **20140916:** • Mats will take over the homework an add a description in the handbook **20140623:** Postponed **20140523**: Postponed **20140509 - *Conclusion:*** • Morten will find a status

#	Issue	Clarification, discussion, conclusion and/or action

Issue 3	Decision for means of communication	**20141014:**
		• There is no final decision regarding MADES.
		• The item will be followed up.
		20140916:
		• NBS will support FTP and SMTP and MADES is under investigation. If anyone want encryption, compression etc. MADES should be used
		20140623:
		• Jari informed that NBS is planning to offer a combination of MADES, FTP and SMTP (see also information from 20140523 below)
		• To be followed up
		20140523: To be followed up
		20140523:
		• MSG has approved the MADES as a standard, but not what version of the MADES, i.e. the standard version from Unicorn or a multithreaded version.
		• NBS propose to support FTP, SMTP and MADES:
		   o The proposal was supported by NTC
		   o If anyone want encryption, compression etc. MADES should be used (there are no encryption in Sweden today related to settlement)

Issue 4	Decision on solution for test portal	**20141014:** • There will be a test portal. The procurement is not yet finalised. • The item will be followed up. **20140916:** • Still under discussion. Jari informed that there will be a "kick-off meeting" next week. **20140623:** • Jari informed that this will be a "summer task" for the NBS project • To be followed up **20140523:** To be followed up **20140523:** • Morten informed that NBS will investigate an external supplier for a test portal **20140509:** • The issue is not a task for NTC, but will be followed up for information

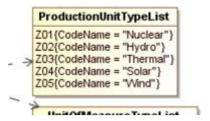| #	Issue	Clarification, discussion, conclusion and/or action
Issue 5	Decision on solution for common address register	**20141014:** • The address register will probably be handled by the "on-line services". • The item will be removed from the issue list. **20140916:** • The core functionality will probably be handled by NBS **20140623:** • Jari informed that this will be a "summer task" for the NBS project • To be followed up **20140523:** • No news • To be followed up **20140509:** • Morten will bring the proposed content from meeting May 9th 2014 to the NBS project for further elaboration • The issue is not a task for NTC, but will be followed up for information
Issue 6	Maintenance Requests (MR) to ENTSO-E/WG-EDI for official codes – May take time, but intermediate (Nordic) codes have been issued	**20141014:** • See item **Error! Reference source not found.**, Status for MRs to ENTSO-E. • The item will be removed from the issue list. **20140916:** • See item **Error! Reference source not found.**, Status for MRs to ENTSO-E **20140623:** • To be followed up **20140523:** Postponed (no WG-EDI minutes yet) **20140509:** • Jon-Egil informed that several MRs were agreed last week, but since there are no minutes yet the update the NBS documents was postponed.
Issue 7	Should we regulate the sizes of the files (similar sizes ??)	**20141014:** • No answer from Unicorn. • The largest documents will contain metered values from production MPs in a MGA, i.e. no documents sent to/from NBS will be "large", hence not seen as a big issue. • The item will be followed up. **20140916:** • **To be followed up** **20140623:** • Ove informed that the Norwegian Elhub will have a limit on 10.000 Metering points in one document • The item was postponed **20140523:** Awaiting Unicorn **20140509:** *Action:* • Jari will ask Unicorn if they have a preference for a limit of file size

#	Issue	Clarification, discussion, conclusion and/or action
Issue 8	ENTSO-E xml schemas	**20141014:** • The XML schemas have been updated with the new codes. • The item will be removed from the issue list. **20140916:** *Homework:* Mats will take over the homework and come up with a list with missing codes, including name and description **20140623:** Postponed **20140523:** Postponed **20140509:** *Action:* • Morten will verify the reason codes used in *NEG (based on ENTSO-E ERRP) Reserve allocation result document* codes with Unicorn *Reason Codes:* **Z22** Supportive power **Z23** Special Regulation **Z24** Quarterly adjustments **Z25** Ordinary regulation **Z26** Transit triangle **Z27** Transit redispatch **Z28** Transit SB Loop Long
Issue 9	Unicorn would like to get the Domain code for Nordic Market Area	**20141014:** *Continued homework:* • Jon-Egil will follow up. **20140916:** • A MR was sent before summer, but no code have been issued *Homework:* Jon-Egil will follow up **20140623:** • Jon-Egil has sent a request to ENTSO-E for a EIC code, however not yet issued by ENTSO-E **20140523:** *Action:* • Ove will make an MR for ENTSO-E for adding a Domain code for the Nordic Market Area and send it to Jon-Egil for submission to WG-EDI before the meeting June 3rd and 4th

4   Specification of a Master Data (Structure Data Flows) Documents

Mats had as action from previous meeting to verify rules for update of MBA-MGA relations with Unicorn and update the NBS handbook. Mats will follow up and try to get the rules for update of MBA-MGA relations into the next version of the handbook.

Ove had as action from previous meeting to make a first draft of a BRS for NBS master data exchange. The BRS was distributed the participants the day before the meeting. The BRS was reviewed and among others the following issues were discussed:

- Jan is missing some "Production unit types" in the "NEG Resource Object (Production Unit) Master Data Document", figure 14:

ProductionUnitTypeList
Z01{CodeName = "Nuclear"}
Z02{CodeName = "Hydro"}
Z03{CodeName = "Thermal"}
Z04{CodeName = "Solar"}
Z05{CodeName = "Wind"}

UnitOfMeasureTypeList

  - o At least "*non-concession-obliged-production*" (?) can be relevant as "Unspecified production"
  - o Wave power is missing
  - o Sweden differentiate between "Additional thermal production" and "Gas turbine/diesel production"
  - o In the list it is only "Thermal", which correlates to "Additional thermal production"
  - o Maybe "Additional thermal production", should be renamed to "Combustion", to be able to include all "Thermal" production?
  - o According to the NBS handbook, chapter 5.4.2.2:
      - "*The production types can for example be: hydro, wind, nuclear, gas turbine/diesel production, solar, wave, combined heat and power, thermal and hydro-electric head installations.*"
  - o We could probably include some codes from the ENTSO-E, "Asset Type List", such as:
      - **B14** Nuclear"
      - **B11** Hydro Run-of-river and poundage (more "Hydro-codes" are available)
      - **B09** Geothermal (probably not including all our "Thermal", see for instance **B01** "Biomass", **B17** "Waste" and a set o codes for coal and oil)
      - **B16** Solar
      - **B18** Wind Offshore
      - **B19** Wind Onshore
      - **B13** Marine (similar to wave power)

  - o There may be a problem that the ENTSO-E list is more detailed than we (NBS) need. The question is also what we need to report to the transparency platform and if we can reuse some of the information sent to eSett, i.e.:
      - ▪ Can eSett receive the details needed for the transparency platform and aggregate to the needed detail-level?
      - ▪ Or, must the sender aggregate on different levels for different recipients?

Actions (homework):
- Mats will:
  - o Try to get the rules for update of MBA-MGA relations into the next version of the handbook.
  - o Try finding requirements for what kind of production types we need in "NEG Resource Object (Production Unit) Master Data Document"
  - o Find out if Master Data for production Units will be entered via "NBS On-line services" or via an XML file in the first version of NBS
  - o Find out who will distribute Master Data for MBA-MGA relation, NBS or NPS
  - o Verify if the profiled consumption will be sent from Svenska kraftnät in Sweden and how this affects exchange of Master Data

- Ove will:
  - Update BRS for Master Data, including:
    - Add MPA (Metering Point Administrator) as role in the BRS for NBS and the BRS for NBS TSO/NPS exchange
    - Add a "Bilateral Trade Master Data process",
      - New trades entered via "NBS on-line services"
      - A bilateral trade structure report will be sent from NBS to the relevant BRPs, containing:
        - Bilateral trade ID (Capacity Agreement Identification)
        - BRP
        - Counterparty
        - Validity period
        - MBA

5 Routing of acknowledgements versus MADES for routing purposes

ENTSO-E/WG-EDI has not decided if a Process Type can be added in the ENTSO-E acknowledgement document.

Continued actions:
- Jari Will ask Unicorn for their position regarding usage of MADES/SOAP header and the usage of businessType and senderApplication for routing purposes
- Jari will verify if Unicorn can accept version 6.0 of the Acknowledgement document

6 Format for "Information Service"

Unicorn has not yet come up with a proposal for how to use the ENTSO-E Status Request document.

Continued action from meeting June 2014:
- Unicorn will make a proposal for how to use the ENTSO-E Status Request document
- Thereafter Ove (Erik) will add the document to the NBS BRS

7 Status for Settlement BRSs and UserGuide

There is no final decision regarding if bilateral trade shall be sent as one netted time series or separate time series for sales and purchase.

Ove had corrected the BRS, User Guide and XML schemas after QA. In addition, some changes were done to the BRS under the items above.

Actions:
- We change the status to "For test implementation"
- We remove all text referring to bilateral trade not being finalised
- Ove will make the ebIX® documents time series repeatable
- Ove will verify the updates done during the meeting and publish the NBS set of documents
- Ove will try to publish the NBS documents latest by Friday October 17th

8   Review of comments to NEG Common rules and recommendations

No comments has been received during "circulation for comments" to NEG. The NEG Common rules and recommendations will be published together with the NBS documents.

Action:
- Ove will publish the NBS documents NEG Common rules and recommendations together with the NBS documents

9   Continuation of the HNR project

NordREG has asked NEG to seek support for continuation of the HNR project by MSG. Ove informed that he had had a meeting with NordREG two weeks earlier to discuss how to continue the HNR project. NordREG plan to send a letter to MSG, asking NEG to take an initiative in the continuation of the HNR project. NordREG also plan to invite NEG to a planning meeting in January 2015.

10   Status for MRs to ENTSO-E

Jon-Egil informed that ENTSO-E probably will support the addition of a Business Type, to be used when sending delta values in the ESS confirmation report, e.g. **Z64** Internal Trade Difference.

11   Status for NPS implementation of NEG Documents

Eveliina had sent some questions regarding naming of XML schemas used by NPS and reuse of the XML schemas in different Nordic processes, such as the ESS Schedule Document that is used by both NBS and NPS.

The reason for asking is that NPS is implementing the NEG XML schemas for the Day-ahead market and there is some misleading information for the vendors and the members at www.ediel.org. NPS want to be aligned with the NEG working groups and not invent own ways of handling the exchanges, i.e.:

- In the BRS for Nordic Trading System (Table 2) it is specified a NEG-DayAheadSalesReport.xsd and a NEG-DayAheadDetailedSalesReport.xsd, which are based on the ENTSO-E ECAN Reserve Allocation Result Document and the ECAN Publication
- Why not reuse the NEG-PublicationDocument.xsd instead of having a separate NEG-DayAheadSalesReport.xsd?
- There is a need for a separate NEG-DayAheadDetailedSalesReport.xsd, but NPS propose to rename the schema to NEG-AllocationResultDocument.xsd. This would indicate immediately to the different parties that the schema is based on the allocation result document schema.
- The ENTSO-E ESS Schedule Document will be used by NPS, but is not a part of the zip-file containing NPS schemas

Based on the comments from NPS, the following changes were agreed:
1. We rename the "DayAheadDetailedSalesReport" to "NEG-ECAN-AllocationResultDocument" (to avoid mix-up with the "ERRP_AllocationResultDocument")
2. We change the "DayAheadSalesReport" (the one in the NPS XML schema package today) with "NEG-ECAN-PublicationDocument" (including addition of ECAN in the name)
   a. The difference between the two schemas is that the NEG ECAN Publication Document have two additional elements (optional):
      i. PublicationTimeSeries/CurveType

          ii.   PublicationInterval/Direction
3. We extend the restrictions in the ENTSO-E ESS Schedule Document to include NPS requirements
4. We make two packages (zip files), one for NPS and one for NBS, partly having the same schemas
5. The BRS for Nordic Trading System will be updated accordingly

Action:
- Ove will update the set of XML schemas used by NPS and the BRS for Nordic Trading System according to point 1 to 5 above

12   Review of www.ediel.org

13   Information (if any)

14   Next meeting
Wednesday December 17th, 9:00 – 16:00, Copenhagen

15   AOB

15.1   *DATCR activation*
Statnett is currently implementing the ENTSO-E ERRP Activation Document and suggest the following principle when changing an activation:

- Use an unique Document ID
- Repeat the Activation ID (Order ID)
- Increase the Activation ID version (Order ID version) with one for each change, to be able to differentiate between the activations an actor responds to

Action:
- The proposal will be forwarded to the RPMimp project

15.2   *Review of HNR page on http://www.ediel.org/*
The HNR page was briefly reviewed.

Action:
- Ove will publish the latest HNR report and the minutes not yet published.

15.3   *Addition of MGA imbalance to DSO*
Handled under item 7 above

15.4 *MGA Imbalance structure and Bilateral Trade structure*

The item refers to the Memo "NTC proposal for NBS Master Data Documents". We need to send a structure report to the market participants by file. MGA Imbalance structure and Bilateral Trade structure are missing in the description.

This item was handled under item 4 above, i.e.:
- A Bilateral trade structure document was added to the BRS for Master Data
- The Metered Data Aggregator was added in the Final Settlement document

15.5 *Status RPMimp*

Participants in the project will be:

Gitte Agersbæk, Energinet.dk
Ivar Rørstad, Statnett
Jan Owe, Svenska kraftnät
Jari Hirvonen, Fingrid
Jesper Grönlund , Fingrid
Jon-Egil Nordvik, Statnett
Karolina Näsholm, Svenska Kraftnät
Ole Fredsø Weigelt, Energinet.dk
Ove Nesvik, EdiSys

The first meeting will be held at Arlanda November 26th. Unfortunately, the Danish participants will not be able to participate at the first meeting.

The hypotheses is that we start from the activation document in the Trade BRS and move this to a new BRS for the operational phase.

15.6 *New ENTSO-E Price Document*

Jon-Egil informed that ENTSO-E/WG-EDI is working with a new document; ENTSO-E Price Document.

The draft implementation guide is attached.

15.7 *When to change to CIM versions of the ENTSO-E documents in the Nordic countries*

Jan referred to a question from XBID (European Elbas), where different actors are asked for which versions of ENTSO-E documents they are using.

In general, the Nordic actors use the latest ENTSO-E documents not based on IEC. NEMM had a similar discussion about a year ago, related to NBS, where we concluded that we not would mix CIM and non-CIM versions for one process (are), such as NBS.

Conclusion:
- The principle used within the Nordic countries will be to use the latest versions for new projects and larger upgrades.