


Minutes: NEG Technical Committee / NBS meeting Date: Thursday March 27 th , 2014 Time: 9:00 – 16:30 Place: Arlanda	 Nordic Ediel Group
April 7 th 2014	


Participants: Jan Owe, Svenska kraftnät
 Jari Hirvonen, Fingrid
 Jon-Egil Nordvik (Convenor)
 Morten Torgalsbøen, Statnett
 Ole Fredsø Weigelt, Energinet.dk
 Ove Nesvik, EdiSys (Secretary)
 Tor Åge Halvorsen, Nord Pool Spot


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
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(NBS): Mats Elmér, Svenska kraftnät
 Morten Hilger, Energinet.dk
 Morten Torgalsbøen, Statnett
 Pasi Lintunen, Fingrid

CC: Anders Bergqvist, Svenska kraftnät
 Anne Stine Hop, Statnett
 Oscar Ludwigs, Svenska kraftnät
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Attachment:


 NO answers - NBS Messaging Forum - See item 9, Resolve matters arising from national answers to questions from previous meeting


 SE answers - NBS Messaging Forum - See item 9, Resolve matters arising from national answers to questions from previous meeting

--- Combined NBS and Ordinary NTC ---

1 Approval of agenda

The agenda was approved with the following additions:

- NBS info days 29th of April, see 14.1 under AOB
- ToR for NTC, see 14.2 under AOB

2 Approval of previous meeting minutes

The minutes from previous meeting was approved.

3 Status for business case for MADES

Fedder has made some corrections and enhancements to the business case for MADES and Anne Stine has forwarded it to MSG.

4 Nordic FCR format

From Jan:

There is a format proposal for FCR (Reselling FCR Implementation Guide from Statnett) that not is in line with the NEMM formats. If we are going to start using a new format within the Nordic countries, which Svenska kraftnät doubts, since the future rules not yet are clear, this format should fit as best possible with what NEMM already has specified.

The Implementation Guide from Statnett was reviewed and updated, based on Swedish comments. The updated document was distributed to Statnett and the meeting participants.

5 IEC codes for assets

NPS is looking for a solution to get EIC codes for assets into their UMM (Urgent Market Message) application. NPS' original plan was to get the data directly from ENTSO-E, but unfortunately ENTSO-E has replied that there not will be a technical solution ready for exchanging information between systems in time. ENTSO-E have advised NPS to contact LIO's/TSO's to get the asset information into the UMM application.

From latest NEG meeting:

- It will be the TSOs responsibility to collect information of all assets (generators, lines etc.), generate EIC codes and submit these to EMFIP (via NPS)
- The generation of the EIC codes can be done by making an excel sheet that generate the EIC control digit
- The biggest job is probably to collect information of all the assets

Action item from latest NEG meeting:

- NTC was asked to look into the question

Discussion:

- All the four Nordic TSO will be LIOs
- All assets, such as production and consumption units, will get its own EIC code
- The EIC codes are expected to be maintained in an Excel sheet in all the Nordic countries, at least in the beginning
- The EIC codes will, at least in the foreseeable future, live in parallel with the current national codes
 - The actors will not be asked to change the codes used today

- Originally the new codes should be available before summer 2014, however EMFIP seems to be delayed and the TSOs will probably have the time until end of 2014 to issue new codes
- NPS wants the owner of the asset to maintain the UMM database

Action:

- Jon-Egil will ask a status of the EMFIP project at the next WG-EDI meeting, e.g. how to submit assets to EMFIP

6 NPS implementation of NEG/NEMM Document

Jon-Egil had as homework from previous meeting to ask WG-EDI for a better solution than using the Quantity type for the MinAcceptanceRatio.

The item was postponed.

7 Acknowledgement process

7.1 What acknowledgement document to use (ENTSO-E, ebIX® or NEG)

NTC agreed to the decision at the latest NEG meeting:

- NEG propose to use the ENTSO-E acknowledgement, without renaming the “Time Series Rejection Class”, among others because of:
 - Several Nordic companies will have to use the standard ENTSO-E acknowledgement document towards other European countries anyway
 - It is for the moment the only European XML based standard

7.2 Acknowledgement matters to be decided and/or documented (from previous meeting)

- It was agreed to:
 - Introduce “Receiving Document Type” in the acknowledgement document in general
 - Date Time Receiving Document will not be used (removed)
 - Correct *NEG User Guide for Acknowledgement* and *Nordic TSO Common rules and recommendation*:
 - *Receiving Document Version* must have a cardinality of 0..1 and addition of a note:

Note: Only used if used in the original business document.
 - *Receiving Document Type* must have a cardinality of 0..1 and addition of a note:

Note: Shall be used if available, i.e. always in positive acknowledgements
 - To rename *Nordic TSO Common rules and recommendation* to *NEG Common rules and recommendation*

7.3 Harmonisation of NBS and HNR acknowledgement process

The NBS and HNR acknowledgement process and document are as harmonised as they can be for the moment, for instance, both are referencing the NEG common rules and recommendations document.

7.4 Review of acknowledgement process in the Common Nordic XML rules document

The acknowledgement process in the Common Nordic XML rules document was briefly reviewed and will be updated according to the conclusions and homework below.

Conclusions:

- The ENTSO-E document will be used without renaming the “Time Series Rejection”
- We will introduce “Receiving Document Type” in the acknowledgement document in general. *NEG User Guide for Acknowledgement* and *Nordic TSO Common rules and recommendation* will be updated:
 - *Receiving Document Version* must have a cardinality of 0..1 and addition of a note:
Note: Only used if used in the original business document.
 - *Receiving Document Type* must have a cardinality of 0..1 and addition of a note:
Note: Shall be used if available, i.e. always in positive acknowledgements
- The “Date Time Receiving Document” will not be used (removed from user guide and Common rules...)
- The *Nordic TSO Common rules and recommendation* will be renamed *NEG Common rules and recommendation*

Homework:

- Ove will make a MR for addition of Process Type to the Acknowledgement document:
 - In due time before next WG-EDI, April 28th and 29th (one week before)
 - Reason: basically for routing purposes, i.e. to be able to see which internal application a received acknowledgement shall be sent to
 - The Process Type should be optional
- Ove will update the Common rules and recommendation document
- The NEG Acknowledgement-document will be removed from www.ediel.org and a link to the ENTSO-E web site should be added
- Edisys will update the User Guide:
 - Mark all elements not used with “Not used in the Nordic countries”
 - Verify that the Common rules document has a note saying that you should not reject a document where an elements that is valid according to the schema, but not used according to BRS

8 Resolve matters related to NBS meeting with Unicorn (continued)

- New Price Types, Business Types or similar for the Balance Regulation Market in the EPD document
 - Up/Down regulation prices
Decision:
 - Add two new Business Types
 - Znn Balance up regulation price
 - Znn Balance down regulation price
 - Main direction of regulation
Decision:
 - Add a new Business Type = Znn Main direction
 - Add a new Direction element in the Publication Interval class
 - Consumption imbalance price
Decision:
 - Add a new Business type = Znn Consumption imbalance price
 - Production sales/purchase imbalance price
Decision:
 - Add two new Business types
 - Znn Production sales imbalance price

- Znn Production purchase imbalance price
- Middle balance price between MBAs

Decision:

- Add a new Business Type = Znn Middle balance price between MBAs
- How to handle different portfolios was postponed
- Ove had made a memo regarding update of the *NEG Area Specification Document* to fit NBS need for MBA and MGA relations. The Memo was reviewed and it was agreed to update the BRS according to the memo
- Before we can start specification of a Retailer Master Data Document for Structure Data Flows, NBS will do some homework on the process, i.e. postponed:
 - Who is going to send information (BRP, BS, DSO, TSO...)?
 - What informations are needed for each party?
 - How much information will be exchanged, e.g. is a web interphase good enough?
 - Miloš (Unicorn) has as homework to provide the needed elements for the Retailer Master Data Document
- The Settlement BRS was updated regarding how to handle *Delta quantities* for *Bilateral trade* and *MGA-MGA exchanges*, see workflow-description from Morten, of how NBS handles bilateral trade, in Appendix A.

Homework:

- Ove will make MRs for the new Business Types and the addition of a Direction element in the Publication Interval class, in the EPD document
- Ove will update the EPD document in the TSO-NPS BRS:
 - New Business Types:
 - Znn Balance up regulation price
 - Znn Balance down regulation price
 - Znn Main direction
 - Znn Consumption imbalance price
 - Znn Production sales imbalance price
 - Znn Production purchase imbalance price
 - Znn Middle balance price between MBAs
 - Addition of a Direction element in the Publication Interval class
- Ove will update the Settlement BRS and the User Guide regarding the *NEG Area Specification Document*, to fit NBS need for MBA and MGA relations, according to the memo: "NBS exchange of MGA and MBA-MGA relations"
- Ove will update the Settlement BRS, the schema and the User Guide regarding *Delta quantities* for *Bilateral trade* and *MGA-MGA exchanges*

9 Resolve matters arising from national answers to questions from previous meeting

From latest NBS Messaging Forum meeting:

- Morten stressed that NBS do not need the Number of MPs and that this kind of information should be exchanged directly between the actors, e.g. as master data
- Conclusion:** For the time being, the Number of MPs will not be added to NBS aggregated data exchanges

Action: Morten will make sure that NBS has a suggestion (proposal) for how to solve the need for an information flow between market parties (BRPs, BSs and TSOs), regarding master data, such as Number of MPs a BRP is responsible for

Homework:

- Ove will add a text in the NEG Common Rules and recommendations, that the Transaction Id shall be unique for all documents, also resend documents.
- Ove will updated the Settlement BRS, User Guide and XML schemas:
 - Quantity quality “46, Does not exist” will be replaced with Boolean *quantity missing* for ebIX® documents on MP level, chapter 5.4

10 Status for BRS for Settlement

There are three different main types for metered data (or types of metering points) utilised in the Nordic Imbalance Settlement Model. The identified metering data types are the following:

- Exchange metering point to other MGAs:
 - Hourly metered exchange with adjacent MGAs
- Production metering points:
 - Hourly metered input to the MGA from production
- Consumption metering points:
 - Hourly metered consumption in a MGA, divided into following subtypes:
 - Metered consumption
 - Settlement method **non-profiled**
 - Business type **A04** Consumption
 - Last resort
 - Settlement method **non-profiled**
 - Decision:**
 - Add a new Business type = Znn Last resort
 - Pumped (only in Norway)
 - Settlement method **non-profiled**
 - Decision:**
 - Add a new Business type = Znn Pumped
 - Pumped storage (from combined generator /pump) (only in Norway)
 - Settlement method **non-profiled**
 - Business type **A07** Net production/consumption
 - Interruptible (only in Sweden)
 - Settlement method **non-profiled**
 - Business type **A72** Interruptible Consumption
 - Industry over 50 MW (only in Sweden)
 - Settlement method **non-profiled**
 - Homework for Jan:**
 - Find a better definition of the Business Type “Industry over 50 MW (only in Sweden)”
 - Hourly profiled consumption in a MGA, divided into following subtypes:
 - Profiled consumption
 - Settlement method **profiled**
 - Business type **A04** Consumption

- Last resort
 - Settlement method **profiled**
 - Decision:**
 - Add a new Business type = Znn Last resort (see also above)
- Pumped (only in Norway)
 - Settlement method profiled
 - Decision:**
 - Add a new Business type = Znn Pumped (see also above)
- Hourly losses in a MGA, divided into following subtypes:
 - Metered grid losses
 - Settlement method **non-profiled**
 - Business type **A15** Losses
 - Profiled grid losses
 - Settlement method **profiled**
 - Business type **A15** Losses

Homework:

- Ove will update the Settlement BRS, User Guide and XML schemas:
- Ove will make MRs for two new Business Types:
 - Znn Last resort
 - Znn Pumped

11 Status for BRS for Schedules

The item was postponed, due to lack of time.

12 Information (if any)

None

13 Next meeting

- Tuesday April 22nd, 10:00 – 12:00, Lync conference
- Friday May 9th, 9:00 – 15:00, Copenhagen

14 AOB

14.1 NBS info days 29th of April

From Minnakaisa:

NBS is also organizing public NBS info days on the 29 of April in all three countries. There we are going to present one more time the NBS model as well as presentation of file format and means of communication. Currently we are planning that the NEMM/NEG group member of a given country will have the presentations in the info days. We are also planning that all the presented material will be prepare in English (can be then translated to local language if the local TSO wish to do so) so that all the info day sessions will give the same info for the market parties in different countries. Would it be possible for you the prepare a comprehensive presentation of NBS file format that could be held in these sessions?

Ove had made a proposal for a presentation that was reviewed and simplified, i.e. one third of the slides was removed. Ove will in addition add a few slides regarding:

- MADES is a strong candidate, alternatives
 - SMTP and/or FTP (same as today)
 - AS4 (profile for WS)
- The documentation and XML schemas are published at www.ediel.org and are as up to date as can be for the moment

Homework:

- Ove will update the technical NBS presentation and distribute for comments

14.2 ToR for NTC

What to do with the ToR for NTC was discussed.

Homework:

- Ove will update www.ediel.org
 - The page *Nordic TSO XML Project* will be renamed to Documents from NTC (NEG Technical Committee)
 - Ove will make an introduction text, based on the introduction in the Tor, and publish the ToR on the NTC page
- Ove will make a proposal for a sub-page for the current NEMM text, to be reviewed at next NTC meeting, before publication

Appendix A BILATERAL TRADE WORKFLOW

Structure data

- The BRPs are responsible for creating the MEC (Market Entity Connection) for bilateral trade.
- The gate closure for creation of MECs are three days prior to the day of operation
- The gate closure for change of MECs are three days prior to the day that the change will take effect
- Both BRPs have equal rights to create and change the MEC for bilateral trade. This is based on the "first come first serve" principle.
- The structure for the MEC for bilateral trade must be valid before it is possible for ISR to receive time series.

Settlement data

- The BRPs are responsible for submitting time series for bilateral trade
- One or both BRPs can submit data.
- Before 1st gate closure; 45 minutes before the delivery hour
 - Matching will be performed every time a bilateral trade is received
 - A iCNF (intermediate confirmation report) will be sent to both BRPs. The iCNF will include the delta and the matched value
- Between 1st and 2nd gate closure (2nd gate closure is 12:00 the day after the delivery day).
 - Hours where there is a match
 - The BRPs will immediately after the 1st gate closure receive fCNF (final confirmation report) for those hours where there is a match
 - Hours where match is achieved by acceptance of the counterparts values
 - The BRPs have the possibility to manually accept to use the counterparts' values in hours where there is no match. The BRP may do this hour by hour or for a longer time period in the same operation.
 - Both BRPs have equal rights to accept to use the counterparts' values. This is based on the "first come first serve" principle. The values can only be corrected once between 1st and 2nd gate closure.
 - For hours where one of the BRPs have chosen to accept the counterparts values a fCNF will be sent short time after (Allow some time to incorporate more than one hour in the fCNF)
- After 2nd gate closure (2nd gate closure is 12:00 the day after the delivery day).
 - fCNF will be sent for all hours of the previous day