

<b>Minutes - Project for Nordic (TSO) Energy Market Model for data exchange (NEMM)</b> <b>Date:</b> Wednesday February 26 <sup>th</sup> , 2014 <b>Time:</b> 10:00-16:00 <b>Place:</b> Statnett March 1 <sup>st</sup> , 2014	 Nordic Ediel Group
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Receiving document type – to See item 5.3

**Attachment:**

## --- Combined NBS and Ordinary NEMM---

### 1 Approval of agenda

The agenda was approved with the following additions:  
 Nordic FCR format, see 11.1 under AOB

### 2 Approval of previous meeting minutes

The previous minutes were approved

### 3 Status for business case for MADES

Jon-Egil had as homework found operational cost estimates for MADES, from users in CWE (Elia). The Business case was reviewed and updated based on the cost estimates and technical (hw and sw) information from Fedder.

#### **Action:**

- The Business case will be sent to NEMM and NEG for commenting, before sent to MSC. In addition the document will be sent to NEMM

### 4 NPS implementation of NEG/NEMM Document

Ove had as homework updated the NPS XML-schemas and the Trade BRS, and published them.

Ove had also sent the NEG Code List on circulation for comments for 14 days to NEG and published it.

#### *Continued homework:*

- Jon-Egil will ask WG-EDI for a better solution than using the Quantity type for the MinAcceptanceRatio

## 5 Acknowledgement process

### 5.1 Harmonisation of NBS and HNR acknowledgement process

The item was postponed, since the way of using acknowledgements still is under discussion in both the NBS and the HNR projects.

### 5.2 Review of acknowledgement process in the Common Nordic XML rules document

Postponed until the proposals from NBS and HNR is more mature

### 5.3 Homework from previous meeting:

Jon-Egil had as homework from previous meeting to send the MR related to rename of "Time Series Rejection Class" to "Object Rejection Class" in the Acknowledgement document to ENTSO-E. However, WG-EDI rejected the request.

#### *From related discussion:*

- For the downstream market (HNR project) an object rejection is needed, i.e. the ENTSO-E acknowledgement cannot be used
- The alternatives are making a NEG acknowledgement or asking ebIX® to make an acknowledgement
- Also for NBS there is a need to acknowledge other objects, such as acknowledgement of master data for MGAs and parties
- If we make a Nordic acknowledgement document, the usage of namespaces, target namespace and root element must be clarified

#### **Conclusion:**

- The question will be brought up on NEG and HNR meetings next week

Jan had as homework from previous meeting to verify if “Receiving Document Type” really is used in Sweden (continued from previous meeting), see attached presentation.

*From related discussion:*

- The need is to add routing information in the header, more specifically to add a “process ID” or “process type”. However these are not available in the ENTSO-E acknowledgement document.
- For NBS, using the document type will work. However, for other processes, such as for bids to different markets, the document type will not be unique for the market.
- Jon-Egil proposed making a MR to ENTSO-E for addition of a Process Type in the acknowledgement document

**Conclusion:**

- We will introduce “Receiving Document Type” in the acknowledgement document in general
- We must await answers from DK and FI before a decision can be made regarding addition of a Date Time Receiving Document.

**Homework (to be done after a decision regarding addition of a Date Time Receiving Document):**

- Correction of *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
- The *Nordic TSO Common rules and recommendation* will be renamed *NEG Common rules and recommendation*

## 6 Resolve matters related to NBS meeting with Unicorn

*Discussion related to questions from meeting with Unicorn, February 10<sup>th</sup>:*

- Which version of the acknowledgement document (ENTSO-E/ebIX) to use  
**Status:** Not yet clarified, see item 5.3 above

- Coding schemes for Market Party

*Discussion:*

- The question is if the GS1, EIC, national SE and national FI identification schemes all shall be possible to use
- Having several coding schemes is not a big problem, but adds some extra costs, e.g. if you want to verify the ID, there are different control digits, lengths and other characteristics of the different schemes
- Jon-Egil stressed that the most important is that an actor can use the same identifier for all partners he is communicating with, independent on the country or recipient

**Conclusion:** The advised coding scheme to use is the one used nationally (where the actor is situated), i.e. GS1 in DK and NO, and national scheme in FI and SE. However, NBS is able to handle all three schemes used nationally today, in addition to EIC. However, there is a limitation that the actor must use the same schema for all communication towards NBS, also when forwarded as part of data from another party

- Look at New Price Types, Business Types or similar for the Balance Regulation Market in the EPD document

**Conclusion:** The item was postponed

- Review the needed elements for MGA and MBA-MGA relations and decide whether a XML solution is suitable

**Discussion:**

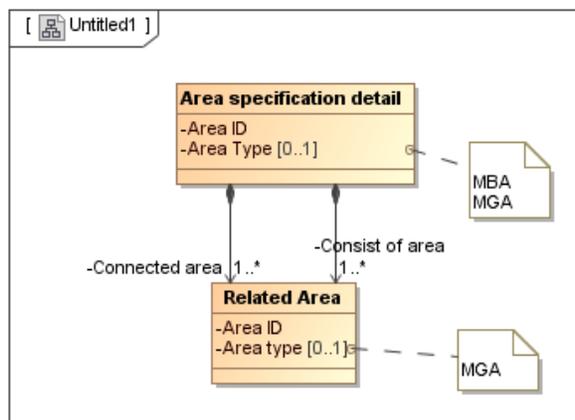
- The NEG Area Specification is a possible document for exchange of this information, however the document currently shows connected lines and not areas.

**Homework:**

- Ove will make a note explaining the two structures (MBA-MGA and MGA-MGA), including a class diagram, where the structures are added to the NEG Area Specification document, i.e. addition of:

- A way of telling that a MBA consist of 1..\* MGAs
- A way of telling that a MGA is connected to 1..\* other MGAs

Proposal: two new “XORs” from the Area Specification Details to a new calls “Connected Area”



- When Ove has distributed the note, all TSO have as homework to verify the proposal internally

- Start specification of a Retailer Master Data Document for Structure Data Flows

**Status:** The item was postponed, since the we were missing the specification of needed elements for the Retailer Master Data Document from Miloš

Morten had distributed a new workflow-description of how NBS handles bilateral trade, see Appendix A:

- The new proposal implies addition of a Matched Quantity in addition to the Delta Quantity for the MGA exchanges
- For bilateral trade ESS confirmation is used and there are no delta quantity in ESS –

**Conclusion:**

- Discussion must be continued

## 7 XML schemas

The following NEG schemas have been published:

- Primary reserves schemas
  - NEG Auction Specification Document:
  - ERRP Reserve Bid Document
  - ERRP Reserve Allocation Result Document
- NBS Schemas modified by NEG
- NPS Schemas modified by NEG

Ove mentioned that there are problems showing enumerations in XML-spy when using the ENTSO-E principle for national customisation, i.e. restrictions and additions. The problem occur due to using XML union within XML union. To solve the problem one of the unions has been removed from the set of schemas.

**Conclusions:**

- It was agreed to keep the current documents, as published, for the time being. We will await making Nordic restrictions and additions for the ENTSO-E schemas that can be used without Nordic customisation.

**8 Status for BRS for Schedules**

The item was postponed

**9 Information (if any)**

No information

**10 Next meeting**

Thursday March 27<sup>th</sup>, 9:00 – 17:00 (if Arlanda), 10:00 – 16:00 (if SvK)

**11 AOB**

**11.1 Nordic FCR format**

*From Jan:*

There is a format proposal for FCR 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 item was postponed until next meeting

## Appendix A BILATERAL TRADE WORKFLOW

### Structure data

- The BRPs are responsible for creating the MEC 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 1<sup>st</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> gate closure (2<sup>nd</sup> gate closure is 12:00 the day after the delivery day).
  - Hours where there is a match
    - The BRPs will immediately after the 1<sup>st</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> 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 2<sup>nd</sup> gate closure (2<sup>nd</sup> gate closure is 12:00 the day after the delivery day).
  - fCNF will be sent for all hours of the previous day