


<b>Minutes - Project for Nordic (TSO) Energy Market Model for data exchange (NEMM)</b> <b>Date:</b> Tuesday and Wednesday August 21 <sup>st</sup> and 22 <sup>nd</sup> , 2012 <b>Time:</b> 11:00-17:00 (18:00?) and 9:00 – 15:30 <b>Place:</b> Helsinki September 25 <sup>th</sup> , 2012	
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Ole Fredsø Weigelt, Energinet.dk  
Ove Nesvik, EdiSys (Secretary)  
Morten Torgalsbøen, Statnett (Tuesday 21<sup>st</sup>, NBS)  
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**Attachment:** None

### 0 Common NSG, NIG and NEMM meeting

A common NSG (NOIS System Group), NIG (NOIS IT Group) and NEMM meeting were held in the afternoon of Monday August 20<sup>th</sup>. The meeting was a “get to know each other better meeting” where NSG, NIG and NEMM presented themselves.

### 1 Approval of agenda

The agenda was approved.

### 2 Approval of previous meeting minutes

The minutes from previous meeting were approved.

### 3 NBS

All had as homework from previous meetings to verify internally within each TSO the position related to MADES and NBS. There is however so far no clear position. The item will be put on the next NEMM agenda.

Oscar had informed that MSG (Market Steering Group) will try to find participants for EMD. SvK has agreed to send Lars Munter. It is a question related to Finland, since Finland not is participating in ebIX<sup>®</sup>.

#### **Homework:**

- Jon-Egil and Ole will find a status from Norway and Demark related to participation in EMD.

### 4 BRS for Nordic settlement system:

The BRS was reviewed and updated.

Ove asked if we should find a way to relate the UseCases in figure 2 with the corresponding data exchanges in the sequence diagrams in figure 4, 5 and 6, or alternatively in table 1, 2 and 3? It was however agreed that these represent different views on the NBS process; hence the views will not be aligned.

At the previous meeting some needed changes were noted for the ebIX<sup>®</sup> documents. The changes were re-discussed, with the following conclusions:

1. NBS wants a Balance Supplier and a Balance Responsible Party in *ebIX<sup>®</sup> Validated Data for Aggregator (E66, E44)*

**Conclusion at meeting 20120821:** The document has a MP (Metering point) ID and no BS or BRP. The BS and BRP will be treated as master data.

2. NBS need a Balance Supplier in *ebIX<sup>®</sup> Aggregated Data per MGA for Settlement Responsible (E31, E44) for consumption and production* and *ebIX<sup>®</sup> Aggregated RE/BRP reconciled energy per MGA on consumption (E31, E44)*

**Conclusion at meeting 20120821:** A change request will be sent to ebIX<sup>®</sup>.

3. For exchange between MGAs, NBS need both Balance Responsible Parties in *ebIX<sup>®</sup> Aggregated Data per MGA for Settlement Responsible (E31, E44) for exchange Metering Point*

**Conclusion at meeting 20120821:** The document has an InArea (MGA) and an OutArea (MGA) defining the direction of the flow. In addition there is a MGA, identifying the responsible DSO. The BRPs will be treated as master data.

There should always be positive values, i.e. two time series are needed if the direction changes during the validity period of the time series, one for each direction.

Ove will update the BRS and BRS overview, and distribute to NBS. Thereafter NBS will need some time to verify the documents and decide how to continue. NEMM will await the discussion in NBS before doing anything more.

### 5 Maintenance requests to ENTSO-E

The continued homework from previous meetings was postponed:

- Antti will submit a request for EIC code for the Nord Pool spot market area

## 6 BRS for Schedules

The added Outage Document (Based on chapter 11 in NOIS/SOW) was reviewed and updated. Ove will as homework clean up the BRS and send it on circulation for comments to NEG and NEMM for three weeks. Thereafter the BRS will be published on [www.ediel.org](http://www.ediel.org).

### **Homework:**

- Ove will as homework clean up the BRS and send it on circulation for comments to NEG and NEMM for three weeks.
- Ove will make a note with the text related to outages that Jon-Egil can send to ENTSO-E/WG-EDI as Nordic requirements for the next version of the outage document.

## 7 BRS for Nordic trading system

All comments and notes in the BRS was gone through and updated. Ove will as homework clean up the BRS and send it on circulation for comments to NEG and NEMM for three weeks. Thereafter the BRS will be published on [www.ediel.org](http://www.ediel.org).

The question to the ERRP project; should we specify an *ERRP Auction specification document*? Has not been answered yet and will be put on the next agenda.

### **Homework:**

- Ove will as homework clean up the BRS and send it on circulation for comments to NEG and NEMM for three weeks.

## 8 Review of Appendix A

Jan had the following homework from previous meetings:

- Related to new principles for time series identification in Sweden after the introduction of UTILTS, Jan will verify as homework if the documents specified by NEMM will fit the information exchanged as EDIFACT document in Sweden today.

**Status/conclusion:** Jan had tried to fit several of the DELFOR messages used for schedules and trade in Sweden into the documents specified in the NEMM BRSs. The conclusion was that the information seems to fit well into the NEMM specifications. However more investigation is needed and the homework will be continued.

The items in Appendix A were reviewed:

1. Follow up on *Special rules related to NOIS*, i.e. Reason codes have to be sent in a separate time series. The related quantities must always have a dummy value, but the value will be ignored by NOIS.

**Status/conclusion:** NOIS will move the *Reason codes* from a separate time series to the relevant time series in the near future. The item was removed from the list.

2. Follow up on question to the HG on how to handle a *Quantity quality* (metered, estimated...) and “no-value” or “null”.

**Status/conclusion:** Ove will make a draft note for tWG explaining the question related to *Quantity quality* (metered, estimated...) and “no-value” or “nil” for review on the next NEMM meeting.

Appendix A was removed.

**Homework:**

- Ove will make a draft note explaining the question for review on the next NEMM meeting.
- Related to new principles for time series identification in Sweden after the introduction of UTILTS, Jan will continue his homework to see if the documents specified by NEMM will fit the information exchanged as EDIFACT document in Sweden today.

**9 Preparations for next NEG meeting, October 4<sup>th</sup> in Oslo**

The project-plan in Appendix A (previous Appendix B), Extract of the overall project plan, was reviewed and updated.

The next NEG meeting will take place in Oslo (Gardermoen) and to be sure that a meeting room should be booked in due time.

**Homework:**

- Ove will remind Christian Le of the meeting

**10 Status for ENTSO-E ERRP WG**

Jon-Egil informed that the work is progressing. There are two more meeting planned in the project. Main remaining tasks are related to review and approval of MRs.

**11 Status for implementation verification**

Nothing new

**12 Status and information from EMFIP**

Jon-Egil informed that there are discussions on how to send documents to EMFIP, i.e.:

- NOIS will not act as a hub for forwarding of documents from the TSOs to EMFIP. However information needed by NOIS may be forwarded.
- NPS may act as a hub (as NPS does today).
- Alternatively the TSO must send them directly.

The item will be followed up at the next NEMM meeting.

**13 Status CIM XML**

Nothing new

**14 Meteorological information**

There was no new information related to exchange of Meteorological information.

The homework from previous meetings will be continued:

- All will investigate the need and position for making a common Nordic (or wider) standard for meteorological information.
- All are asked to contact their national meteorological organisation, asking for their view of a standard for exchange of meteorological information.

### **15 Information (if any)**

No information

### **16 Next meeting**

The next meetings are tentative, depending on response from NBS and NEG:

- Monday and Tuesday October 15<sup>th</sup> and 16<sup>th</sup> in Stockholm, starting at 10:00 the first day
- Tuesday and Wednesday, December 18<sup>th</sup> and 19<sup>th</sup> in Oslo, starting at 10:00 the first day

### **17 AOB**

No items

## Appendix A EXTRACT OF THE OVERALL PROJECT PLAN

The following 5 phases have been identified in the *Nordic TSO Market model project for data exchange*:

**Phase 1** *Determine transfer capacity process*

Phase 1 was finalised spring 2009 regarding documents from the project group.

**Phase 2** *Scheduling and Ancillary Services Process* covered by the ENTSO-E ESS and ERRP IGs

- operational and financial
- balancing and reserves
- In addition phase 2 include:
  - A document containing common rules and recommendations, *including* detailing of a communication platform
  - A document covering a common *Domain model* for the Nordic market.

Phase 2 was finalised spring 2010 regarding documents from the project group. However Maintenance Requests (MR) to ENTSO-E/WG-EDI is still in progress.

**Phase 3** *Nordic trading system*

- Bid to the Balance regulation market
- Prices from the balancing market and spot market, and other Nord Pool messages
- Activation messages
- Bid process to the Spot market (dependent on NordPool)

Phase 3 started autumn 2009 and the final BRS will be sent for approval after the August 2012 NEMM meeting.

**Phase 4** Settlement process

Phase 4 started in spring 2010, but was put on hold awaiting the Nordic Balance Settlement (NBS). NEMM made a first BRS proposal during spring and summer 2012 and are currently awaiting input from NBS.

**Phase 5** Preparation for implementation verification of the documents between the Nordic TSOs and Nord Pool Spot.

The Customer switching (CuS) process is a potential additional phase, dependent on political decisions, i.e. a common Nordic end user market.

For each of the phases mentioned above, a BRS will be made for the relevant business process. Change requests will be submitted for all identified differences between the Nordic processes and ENTSO-E/ebIX<sup>®</sup> standards.

