


Agenda - Project for Nordic (TSO) Energy Market Model for data exchange (NEMM) Date: March, Thursday 4 th and Friday 5 th , 2010 Time: 9:00-17:00 and 9:00 – 16:00 Place: EdiSys, Oslo March 10 th , 2010	 Nordiel Nordic Ediel Group
--	---

Participants: Jan Owe, SvK
Jari Hirvonen, Fingrid
Jon-Egil Nordvik (Convenor)
Mikael Kristensen, Energinet.dk
Ove Nesvik, EdiSys (Secretary)

CC: Antti Niemi, Nord Pool Spot
Christian Odgaard, Energinet.dk
Heli Anttila, Fingrid
Christian Hoang Huy Le, Statnett
Jan-Olov Lundberg, SvK
Oscar Ludwigs, SvK
Roar Grindstrand, Statnett
Tor Bjarne Heiberg, Statnett
Tor Åge Halvorsen, NordPool
Willem Karel D van der Meijden, Energinet.dk

Attachment:



Nordic TSO Code List
Library 0r2B - 201003

See item 5, Code list library

1 Approval of agenda

The agenda was approved.

2 Approval of previous meeting minutes

The minutes from previous meeting were approved.

3 Maintenance requests to ENTSO-E (Status)

Willem has decided not to participate in the ENTSO-E WGs anymore and the Maintenance Requests (MR) must be sent by Tor, as the only NEG member participating in ENTSO-E/WG-EDI. Jon-Egil will send a mail to NEG, reminding them to send the MRs.

In addition to the MRs agreed on the previous meeting, a new Norwegian price area (NO5) will be added to the MRs.

4 Scheduling process BRS (Business Requirements Specification) – Version 1.1

Homework from earlier meetings:

- Mikael will go through the *Confirmation Report* and hopefully come up with a better solution.

Conclusion: No better way found and for the time being the process will be kept as is.

- All will check how settlement of *Ancillary services* are handled, i.e.

- Jon-Egil has a hypothesis that the same internal organisation unit that is handling the *Imbalance settlement responsible* role is doing the settlement of Ancillary services, i.e. actually being a *Billing agent*.
- The result will be used to update Figure 28 and 29, Exchange Ancillary services.

Conclusion: This task will be handled in the Nordic trading system (see below).

Other items:

It was agreed adding the *Curve type* to both the *Planned Resource Schedule Document* and the *Resource Schedule Confirmation Report*. Ove will as homework update the MagicDraw model with the curve type code list and update the *Planned Resource Schedule Document* and the *Resource Schedule Confirmation Report* in the **BRS**. Only the *Curve types* A01 and A05 will be used in the Nordic countries for the time being.

Homework:

- Ove will update the MagicDraw model and the BRS according to agreement above.

5 Code list library

The missing codes were reviewed and updated, see attachment.

Homework:

- Jan will verify if the Swedish codes used today are covered in the NEMM Code List.
- Ove will distribute the code list to NEMM.

6 Nordic trading system (earlier called *Bid process*)

The updated BRS from previous meeting was reviewed and updated, among others with:

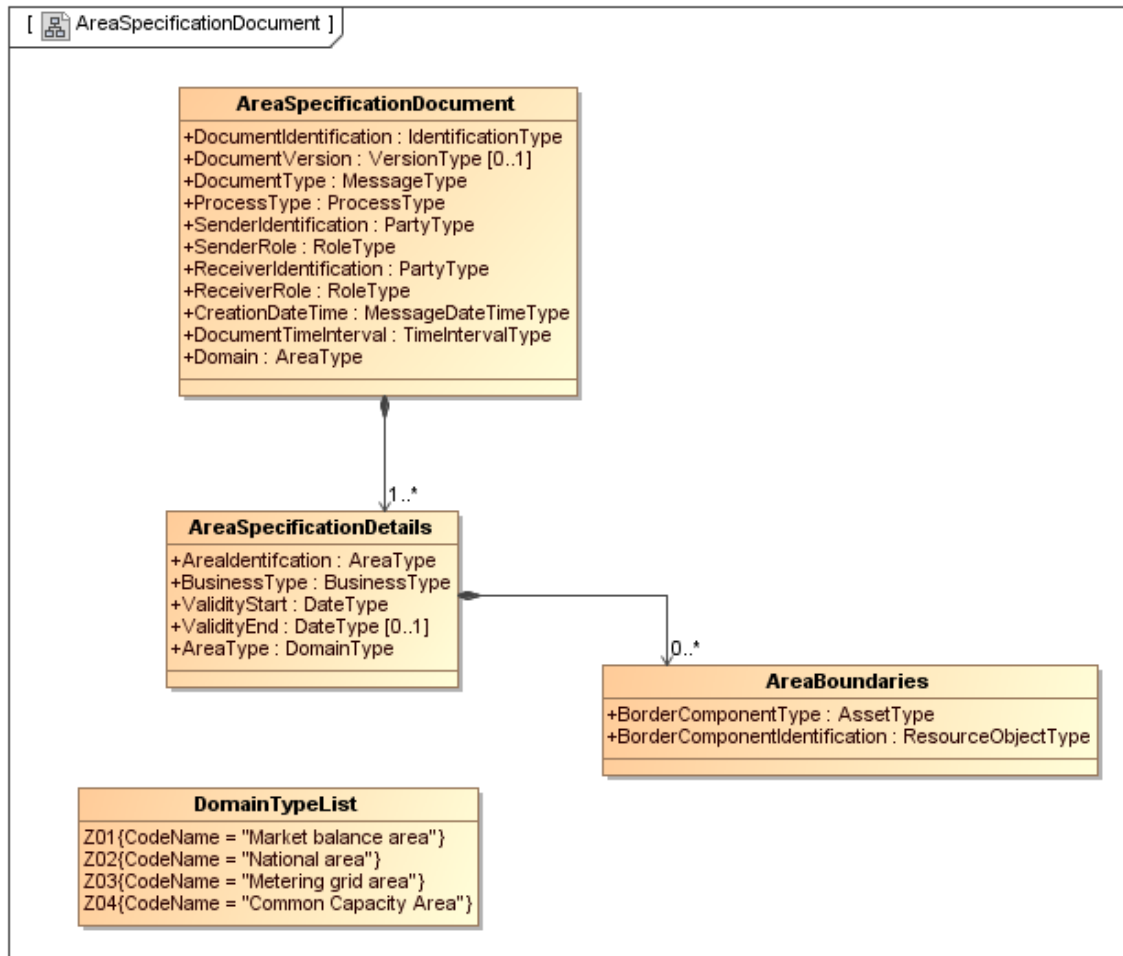
- The states were organised per market instead of per document. All markets, except the Balance regulation market will have similar states.
- An Auction Specification document was made
- An Area specification document was made, where the *Area Specification Detail* class identifies an *Area*. Connected to this *Area* is a set of connected tie-lines, and/or split bus-bars. The following unsolved questions will be put on the next agenda:
 - How to handle split bus-bars?
 - What kind of areas do we need?
- On the next meeting it will also be decided if *InArea* and *OutArea* should be skipped from the *Reserve bid document*. This is dependent on the decision if we want *Area* in the *Auction specification document*

As basis for the homework (se above), Jan came up with the following Swedish areas used today:

AreaType	AreaType-Name
*	Område
BA	Börsområde
CA	Snittområde
CO	Kontrollområde
CR	Valutaområde
CU	Land
GA	Gasnätområde
GO	Gaskontrollområde

MA	Meteorologiskt område
NA	Nätområde
NE	Utländskt nätområde
PA	Prisområde
RA	Reservområde
SY	Synkronområde
ZN	Zon
ZO	Driftzon

The following information model (class diagram) was made for the *Area Specification document*, also as basis for homework:



Homework:

- All will find out:
 - In general, how to best handle split bus-bars.
 - What kind of areas do we need in the *Auction specification document* and the *Reserve bid document* documents?
 - Do we want *Auction Id*'s for each area in the *Reserve bid document*?
 - Do we need the *Linked Bid Identification*?

- On the next meeting it will also be decided if *InArea* and *OutArea* should be skipped from the *Reserve bid document*. This is dependent on the decision if we want *Area* in the *Auction specification document*
- Jon-Egil will come up with a description related to *Bilateral trade between System operators*

7 Brief review of www.ediel.org

www.ediel.org was briefly reviewed and it was agreed to remove the Ediel articles under “*Purpose page*”. The articles will be forwarded to the next NEG meeting, asking NEG to review them as candidate for NEG articles.

It was also noted that some of the documents are in Word format and others in PDF. It was agreed to change the Word documents to PDF-format under the NEMM page.

Homework:

- Ove will ask Energinet.dk to remove the Ediel Nordic Forum articles from the “*Purpose page*”.
- Ove will change Word documents to PDF on the NEMM page.
- Ove will upload the latest NEMM minutes.

8 Information from NordREG Task Forces

No information.

9 Preparations for next NEG March 23rd

The Ediel Nordic Forum articles removed from www.ediel.org will be forwarded to NEG, asking NEG to review them as candidate for NEG articles (see also item 7 above).

It was also agreed that Jon-Egil will send a status report to NEG (prepared by Ove), with the following content:

- Asking NEG to review the old Ediel Nordic Forum articles as candidate for NEG articles.
- Informing that NEMM deliverables are according to project plan, but that the completion of the Settlement phase will be delayed until autumn 2010, because of daddy leaves and long holidays.
- Asking NEG to submit the Maintenance Requests to ENTSO-E/WG-EDI

Homework:

- Jon-Egil will send a status report to NEG:

10 Next meeting

- Monday and Tuesday, March 22nd and 23rd, Copenhagen
 - For next meeting Ove will prepare a first draft for the settlement process. The starting point will be the ENTSO-E ESP guide, with addition of the COBS project results (differences).
 - Jon-Egil and Ove will call Tor Åge, asking NP to participate.
- Tuesday and Wednesday, September 7th and 8th 2010, Stockholm

11 AOB

No items.

Appendix A TO BE DISCUSSED AND AGREED

1. Should the new principles for time series identification in Sweden influence this project?
2. Follow up on *Special rules related to NOIS*:
 - 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.
3. The Process area *Nominate capacity* (opposite to a schedule the nominations are referencing a contract) is suggested to be define in a separate document for the complete nomination process. A proposal for this new project activity will be forwarded to the next NEG SC.
4. Follow up on question to the HG on how to handle a *Quantity quality* (metered, estimated...) and “no-value” or “nil”.
5. The operation name for submission of a message in WS should specifically not be named SendMessage since this exact name is used as a reserved keyword in Microsoft BizTalk Server. If, and if so where, to put this recommendation should be decided.

6. ENTSO-E maintenance requests related to Danish reason codes

Z01	Operational	The given unit has a status of operational
Z02	Reduced Operational	The given unit has a status of reduced operational
Z03	Non Operational	The given unit has a status of non operational
Z04	Revision	The given unit is under revision
Z05	Suspended	The given unit is suspended
Z06	Crashed	The given unit is crashed
Z07	Discarded	The given unit is discarded
Z11	Planned	The information provided has a status of planned
Z12	Counterpart Imbalance	The information provided has a status of imbalance with a counterpart
Z13	Internal Imbalance	The information provided has a status of internal imbalance
Z15	Forced Adjustment	The information provided has status of a forced adjustment
Z16	Forced Adjustment Final	The information provided has status of a forced adjustment and is final
Z17	Final	The information provided is final

7. Addition of a process area in the Nordic Trading System related to cross boarder bilateral trade (“effektkrafthandel”)

Appendix B 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 (Finalised spring 2009), *Determine transfer capacity process*

Phase 2 (Started spring 2009), *Scheduling and Ancillary Services Process* covered by the ENTSO-E ESS and ERRP IGs

- operational and financial
- balancing and reserves
- In addition phase 2 may include (if needed):
 - A document containing common rules and recommendations, *including* detailing of a communication platform
 - A document covering a common *Domain model* for the Nordic market.
 - Agree on how to identify schedules, i.e. can the TSO XML project base its identification principle on the new principles for time series identification in Sweden?
 - Preparation for implementation verification of schedules between the Nordic TSOs.

Phase 3 (Starting autumn 2009), Bid process,

- Bid to the Balance regulation market
- Activation messages
- Bid process to the Spot market (dependent on NordPool)

Phase 4 (Starting spring 2010), Settlement process

- Metered data
- Settlement result, including prices

Phase 5 (autumn 2010), Prices from the balancing market and spot market, and other Nord Pool messages (dependent on Nord Pool)

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. The project group may chose to combine two or more business processes into one BRS, if this seems suitable. Change requests will be submitted for all identified differences between the Nordic processes and ENTSO-E/ebIX[®] standards.

Activity	Spring 2009	Autumn 2009	Spring 2010	Autumn 2010
Phase 2, Scheduling process				
BRS				
Change request to ENTSO-E				
Phase 3, Bid process				
BRS				
Change request to ENTSO-E				
Phase 4, Settlement process				
BRS				
Change request to ENTSO-E				
Phase 5, Prices and other Nord Pool messages				
BRS				