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| Minutes Nordic TSO XML format meeting Date: Wednesday March 11 th and Thursday 12 th , 2009 Time: 9:00-18:00 and 9:00 – 15:30 Place: Statnett (Wednesday), EdiSys (Thursday) |  |
| March 12 th , 2009 | |

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

To: Participants
Antti Niemi, Nord Pool Spot
Christian Hoang Huy Le, Statnett
Heli Anttila, Fingrid
Willem Karel D van der Meijden, Energinet.dk

CC: Jan-Olov Lundberg, SvK
Oscar Ludwigs, SvK
Tor Bjarne Heiberg, Statnett
Tor Åge Halvorsen, NordPool

Attachment:

- Updated project plan, see item 3, Overall project plan.
- Updated BRS for *Determine transfer capacity*, see 4.1, BRS (Business Requirements Specification)

1 Approval of agenda

The agenda was approved with the following additions:

- Publishing on www.ediel.org, see 9.1 under AOB

2 Approval of previous meeting minutes

The minutes from previous meeting was approved.

3 Overall project plan

The project plan was reviewed and slightly modified, e.g. addition of two new documents for the common parts of the BRSs:

- A document containing common rules and recommendations, including detailing of the communication appendix in the BRS for Transfer Capacity
- A document covering a common *Domain model* for the Nordic market.

The updated project plan is attached and is expected reviewed and hopefully agreed on the next NEG steering group meeting (April 21st 2009).

4 Final review of *Determine transfer capacity process*

4.1 *BRS (Business Requirements Specification)*

The BRS was reviewed and slightly modified; among others the following changes were made:

- NTC was changed to TTC for exchanges from the *System operators* to the *International system operator*.
- The code *T01: Total Transfer Capacity (TTC)* was added to the detailed description.

The “T” in the code is chosen to state that this is a temporary code and to avoid mix-up with E-codes (ebIX), Z-codes (Temporary Ediel codes), A-codes (ETSO-codes), N-codes (Norwegian codes) etc.

The updated BRS is attached and is expected reviewed and hopefully agreed on the next NEG steering group meeting (April 21st 2009).

4.2 *RSM (Requirements Specification Mapping)*

The HTML version of the BRS was reviewed and some cleanup activities agreed, i.e.:

- The code *T01: Total Transfer Capacity (TTC)* was added to the code list for *Business type*.
- The *Business entity view* will be cleaned up as homework for Ove, i.e. removal of not used entities ATC, OC etc.

Homework:

- Ove will update the HTML version of the RSM.

4.3 *XML schemas*

Roar stressed the need for simplifying the set of XML schemas to be used, e.g. do we need the UMM pattern (Notification, Request, Confirmation...) as part of the schema name? To make the document more generic it was agreed to rename the *Transfer capacity notification* to *Nordic capacity document*.

Homework:

- Ove will update the XML schema with the new name, *Nordic capacity document*.

5 Scheduling process

5.1 *BRS (Business Requirements Specification)*

Ove had made a first proposal for a BRS for Nordic scheduling process, based on the ETSO ESS IG. The BRS was reviewed and updated.

Also the ETSO ERRP IG was reviewed and those parts interesting for the Nordic TSO were noted for inclusion in the Nordic TSO scheduling BRS. The will contain processes from both the ESS and ERRP IGs from ETSO.

Homework:

- Jon-Egil will verify if the *International system operator* participates in the UseCase *Exchange market schedules*.
- Jari, Jan and Jon-Egil will verify:
 - If we need the *Market operator* as an actor in the *Exchange market schedule* process
 - How the TSO receives bilateral trade, i.e. if this is received from *NordPool* or directly from the *Balance responsible parties*.
- All will:
 - verify if the *NORDEL system* is stabilised ***exclusively*** or ***mainly*** through frequency control
 - If Max/Min production capacity should be added as new attributes in the Interval class or as a new business types.
- Mikael will verify if *Recourse provider* is needed in the Nordic scheduling process
- Ove will update the BRS for scheduling according to updates of the MagicDraw model and relevant parts of the ERRP IG.

5.2 RSM (Requirements Specification Mapping)

The item was postponed to next meeting.

5.3 XML schemas

The item was postponed to next meeting.

6 Agree on how to identify schedules

The item was postponed to next meeting.

7 Detailing of the communication appendix (if time)

The item was postponed to next meeting.

8 Next meeting

- May, Thursday 14th and Friday 15th (ending no later than 15:00), Ballerup (Copenhagen).
- June, Tuesday 16th and Wednesday 17th, Sundbyberg (Stockholm).

9 AOB

9.1 Publishing on www.ediel.org

Christian informed that www.ediel.org is maintained on a server that is to be removed.

Ediel.org is heavily used by the actors in the Nordic countries and it was stressed that we need the web site. It was proposed to do a cleanup of the content of the web site and Christian volunteered to bring the question to the next NEG steering group meeting (April 21st 2009).

Homework:

- Christian will bring the question of “How to maintain www.ediel.org in the future?” to the next NEG steering group meeting (April 21st 2009).

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.

Appendix B EXTRACT OF THE OVERALL PROJECT PLAN

Phase 2 (spring 2009), Scheduling process covered by the ESS and ERRP documents from ETSO

- operational and financial
- balancing and reserves
- In addition phase 2 will include:
 - A document containing common rules and recommendations, *including* detailing of the communication appendix in the BRS for *Transfer Capacity*
 - 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 (autumn 2009), Bid process,

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

Phase 4 (spring 2010), Settlement process

- Metered data
- Settlement result, including prices

Phase 5 (autumn 2010), Prices 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 and a RSM (including related XML schemas) will be made for the relevant business process. The project group may chose to combine two or more business processes into one BRS and/or RSM, if this seems suitable.

| Activity | Spring 2009 | Autumn 2009 | Spring 2010 | Autumn 2010 |
|--|-------------|-------------|-------------|-------------|
| Phase 2, Scheduling process | | | | |
| Phase 3, Bid process | | | | |
| Phase 4, Settlement process | | | | |
| Phase 5, Prices and other Nord Pool messages | | | | |