


Minutes - Project for Nordic (TSO) Energy Market Model for data exchange (NEMM) Date: January, Tuesday 19 th and Wednesday 20 th , 2010 Time: 9:00-17:00 and 9:00 – 16:00 Place: Fingrid offices in Helsinki	 Nordiel Nordic Ediel Group
January 21 st , 2010	

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

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

Attachment: None

1 Approval of agenda

The agenda was approved with the following additions:

- New item: *Code list responsible codes for eBIX and Ediel*, see 8.1 under AOB
- New item: *ENTSO-E maintenance requests*, see 8.2 under AOB
- New item: *Area code*, see 8.3 under AOB
- New item: *NordREG*, under 8.4 under AOB
- New item: *ENTSO-E updates*, see 8.5 under AOB

2 Approval of previous meeting minutes

The minutes were approved without comments.

3 Scheduling process BRS (Business Requirements Specification)

Homework from earlier meetings:

- Jon-Egil will review chapter “3.1 Schedule system information flows”.
Status: Reviewed and found OK
- Mikael will go through the *Confirmation Report* and hopefully come up with a better solution.
Status: Postponed
- All will verify if break point plans (BPP) will be required from 2011.
Status: Norway: not decided (no plan for implementing BPP)
Sweden: Expected required during 2011, see also next bullet point
- All will verify if 15 minutes resolution for *Operational schedules* will be required from 2011.
Status: Norway: Already required for larger *Production responsible parties*
Sweden: Either BPP or 15 minutes intervals will be required from 2011.
See also information from NordPool (August 2008),

http://www.nordpoolspot.com/Market_Information/Exchange-information/No512008-Improved-balance-and-frequency-control-of-the-Nordic-power-system/

- Ove will look through the diagrams (and text) and change *Publish* to *Make available (for SO)* where applicable.

Status: Done

- 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* 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.

Status: Postponed

- Ove will distribute the Code list and all will try finding definitions for the Z codes missing it

Status: Will be handled later (during meeting)

- Denmark, Finland and Sweden will verify which *Business types* are used in the *Resource Schedule Confirmation Report*

Status: Jan reported that at least the *Business types* Consumption and Production is returned in the *Confirmation report*.

On the previous meeting it was agreed to remove arrow 7 and 8, Danish status requests (matching requests), from figure 6 (Sequence diagram of prognosis, market schedules and matching documents (ESS)). An implication of this is that also chapter 7.2, *Process area: Request/confirm match (Denmark)* will be deleted.

Since Sweden expects to implement BPP next year, this possibility will be added to the scheduling model.

The document was reviewed and a few changes done. What left are some verifications/additions (see previous homework above) and an example of a schedule in appendix A. However it was agreed to make the current version (after addition of an example in appendix A) as the first version of the document and add missing verifications/additions as updates at a later stage. The document will be sent on circulation for comments to the NEG group and put on www.ediel.org as version 1, unless serious comments are received.

Homework:

- Ove will add an example of an XML schedule for appendix A, based on input from a NOIS document from Jon-Egil.
- Ove will send the document on circulation for comment and thereafter publish it.
- The following homework is candidates for future updates:
 - Mikael will go through the *Confirmation Report* and hopefully come up with a better solution.
 - 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* 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.

4 Domain model

The proposal for *Domain model* was reviewed, slightly updated and agreed. The document will be sent on circulation for comments to NEG before added to www.ediel.org.

Homework:

- Ove will send the document on circulation for comment within NEG and thereafter publish it.

5 Code list library

The Code list library was reviewed and definitions were added to most of the codes. However a few definitions were noted as homework for Denmark.

Homework:

- Mikael is asked to find definitions of missing Danish codes.

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

The current proposal for process areas in the model were reviewed and cleaned up, among others with the following comments:

- Jan showed a text from NordPool Spot on http://www.npspot.com/market_information/exchange-information/no-042009-peak-power-reserves-in-finland-and-sweden-to-be-made-available-for-elspot-from-19-january-2009/, which say that the current rules for handling *Peak power reserves* (supportive power) will change Q1 of 2011. The current rules are therefore not taken into account in the model for the *Nordic trading system*.
- The detailing of the process area *Trade on Frequency controlled reserves market* was postponed. The current national process area *Trade on Frequency controlled reserves market* is expected to be redone as a common Nordic market, with new rules available during summer 2010.
- The cross boarder bilateral trade (“effektkrafthandel”) was briefly discussed and it was decided to postpone also this process area.

Homework:

- Jon-Egil will investigate what is behind *arrow 8, Frequency controlled reserves summary* in the sequence diagram, Figure 4.
- Ove will clean up the BRS (update with comments noted during the meeting) and distribute before next meeting.

7 Next meeting

- Thursday and Friday, March 4th and 5th, Oslo (NordPool?)
- Monday and Tuesday, March 22nd and 23rd, Denmark

8 AOB

8.1 Code list responsible codes for ebIX and Ediel

See mail exchange in Appendix C.

Mike Conroy had noted that the text on www.ediel.org/Purpose needs update:

Nordic Ediel Group Ediel-Nordic-Forum

In the Nordic Power Market, borders are being eliminated as a result of governmental legislation. Power companies are now operating under new conditions and a larger market for their trade. To operate this market, a huge amount of data has to be interchanged

between suppliers, grid companies and system operators. A common standard for Electronic Data Interchange (EDI) is therefore absolutely necessary.

~~Nordic Ediel Group Ediel Nordic Forum~~ – a part of the ~~Nordel~~ organisation – was formed in 1996 to design and implement the standard Ediel – EDI for the Electricity industry. Was formed in 2003 to handle Nordic questions related to data exchange in the energy market. The Nordic Ediel Group was founded after Ediel Nordic Forum was re-established as a pan European body under the name of ebIX, see www.ebix.org.

~~The Ediel standard used in the Nordic countries is now in version 2. This is a common standard for all the countries, but there are wide possibilities for national naming conventions. Germany and the Netherlands are using a version 3 also with national naming conventions. The most important work of Ediel Nordic Forum today is to design a version 4 with a common European naming convention.~~

It was agreed to rewrite the homepage and rename the code *260, Ediel* to *260 ebIX* for all documents.

Homework:

- Ove will send the text above to Energinet.dk for update on www.ediel.org.
- Ove will update the IGs on www.ediel.org , i.e. change the text of code 260 from Ediel to ebIX.

8.2 ENTSO-E maintenance requests

On the previous meeting Ove was asked to send the ENTSO-E maintenance requests to Willem, asking him to forward them to ENTSO-E. However, since the Schedule document wasn't finalized on the previous meeting, changes still might occur, and there were several questions to the maintenance requests, Ove had delayed the task and asked for a review of the maintenance requests before sending them.

The Maintenance requests were reviewed. Some of them were split into several new ones, while others were merged or deleted.

The maintenance requests finalized will be sent to Willem for forwarding to ENTSO-E. Some of the maintenance requests related to Danish codes are missing definitions and will be sent to Michael for update and possibly agreed by mail before they can be sent to ENTSO-E.

ENTSO-E maintenance requests related to Danish reason codes were put on Appendix A, "To be discussed and agreed".

Homework:

- Ove will update the finalised maintenance requests, where this is needed, and forward them to Willem
- Michael is asked to find definitions of some Danish codes before these are agreed by mail and forwarded to ENTSO-E.

8.3 Area code

Jon-Egil wants to switch the two code values below (keeping the name and definition) for Finland, Norway and Sweden:

10YNO-0-----C	Norwegian Elspot Area 1	ELSPOTAREA_NO1
10YNO-1-----2	Norway	NORWAY

10YSE-0-----U	Swedish cut area 1	SE_CUT_AREA_1
10YSE-1-----K	Sweden	SWEDEN

10YFI-0-----3	FINorth	FINORTH
10YFI-1-----U	Finland	FINLAND

Jon-Egil also noted that the following two Danish codes are incorrect and probably should be renamed to Danish Elspot area DK1 and DK2. This is however not discussed with Denmark yet.

10YDK-1-----W	Eltra (associated member)	ELTRA_DK1
10YDK-2-----M	Elkraft System	ELKRAFT_SYSTEM

Homework:

- Ove will make two maintenance requests, one for the switch of the Finish, Norwegian and Swedish codes and one for the Danish update. The maintenance requests will be sent on circulation for comments for 14 days before Willem is asked to forward them to ENTSO-E.

8.4 NordREG

Jan had sent the following questions to NEMM:

At future meetings (and a bit perhaps on this meeting as well) it would be good to have the information about what is happening in the NordREG-work, and who from the TSO:s that participate in the different groups.

I.e. NordREG (together with the TSO:s and NordEnergi) is establishing four Task forces (as part of a process towards a common Nordic end-user market).

- How will this influence our work?
- And what parts of our work will it influence?
- And what shall we give as input to different groups?

Some of us will probably participate in these Task forces.

The following answer was received from Tor:

Nordic TSO's have been given the responsibility for one task force for balance settlement. We will be able to comment on the other task forces in NordReg meetings in Jan and Feb and the final proposal. I'm afraid the short time will not allow us to do more. Tania Pinzon, Mogens Pedersen, Pasi Aho and my self will be involved with the TSO task force.

It was agreed to add an information item related to the NordREG projects on the coming NEMM meetings.

8.5 ENTSO-E updates

Another item from Jan on this or future "NEMM"-meetings could be:

- 1) A suggestion to change the Entso-E ReserveBidDocument. I.e. to add "ContractType" and "ContractIdentification". See mail sent from Michael Conroy, 2009-12-23

The following answer was received from Tor:

If you have comments (objections?) to the proposal from ENTSO-E WG EDI please let me know so I can bring it forward (ref 1a and 1b below).

The suggestion was discussed and nobody had any problems with the change request.

- 2) A new version of the "Auction Specification document", see http://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/Auction-specification-V1r0E-for-MC-approval-2010-01-14.zip

The ENTSO-E Capacity Auction Specification document was reviewed. The document is a candidate for the *Bidding document* specified in the Nordic Trading System and will be handled on a later meeting.

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 choose 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.

Appendix C MAIL EXCHANGE REGARDING CODE LIST RESPONSIBLE CODE

Original mail from Mike Conroy:

I am currently finalising the audit of the D.09B Edifact directory and I've come across the following anomaly which concerns some of your DMRs.

Your first DMR requests the renaming of Ediel to ebIX with the indication that ebIX replaced Ediel in 2003. This is detailed in DMR UN-09-00178 which states in the justification "In 2003 the European organisation ebIX (European forum for energy Business Information eXchange) took over the responsibilities for data exchange standardisation in the European downstream energy market from the Nordic organisation Ediel. This included continuation of the maintenance of codes. At the UN/CEFACT autumn meeting 2007 a change request for changing the name of the code 260 (see below) from Ediel to ebIX was forwarded from ebIX. However, for some reason, a new code 330 (with the name of ebIX) was added to the 3055 code list instead of renaming of the existing code 260."

I've no real issue with this since you have indicated that ebIX has in fact replaced Ediel.

Your second DMR UN-09-00142 is requesting the suppression of code 330 since Code 260 is being renamed and therefore code 330 has no relevance.

However, I do have issue with your third DMR UN-09-00179 which is recreating the Ediel code with the explanation "When the organisation Ediel Nordic Forum changed name to ebIX in 2003, a new organisation Ediel (without the Nordic Forum extension) was created as a Nordic organisation between the Nordic TSOs (Transmission System Operators). Among others Ediel define, publish and maintain codes that are unique for the Nordic energy market and therefore needs a separate code responsible agency id."

In reading the descriptions and in looking at the length of time that the codes have been existence, All I can see is that fundamentally you are requesting a change to the name of the original "Edial" code 260 to eliminate the notion "Nordic Forum". In looking at the website "www.ediel.org" I read that the "Ediel Nordic Group" formally known as the "Ediel Nordic forum". If you look at its "purpose" it is still described as the "Ediel Nordic forum". There is no difference in the descriptive text.

Consequently, the code 260 is still valid with only a name change from "Ediel Nordic Forum" to "Ediel Nordic Group". It is also clear that this group is still very active. In following on from this, the deletion of code 330 is not coherent since in fact there is the creation in 2003 of ebIX and it also needs a code to identify itself.

There is no justification for the deletion of a code for an organisation through renaming it with another organisations name and its recreation with new code when the two codes in question (260 for Ediel and 330 for ebIX) already exist..

Could you please comment as this is holding up the release of D.09B.

Reply by Ove:

Most of what you say below is true, but maybe I haven't been precise enough in the DMR. I.e. there is no such thing as a formal body called Ediel or Ediel Nordic Forum anymore; however the name Ediel is still used as a general term for data exchange in the Nordic countries. The term is also used for national EDI organizations, such as the Norwegian and Swedish Ediel Groups, see www.ediel.no and www.ediel.se.

There are also some ongoing Nordic projects between the Nordic TSOs (however without any connection to the term Ediel in their project names) and it is these projects that currently are updating the web-site www.ediel.org. However, as you have noticed, among others, the organization page needs updating. I will ask the webmaster to correct this.

The most important with the DMR is however to connect the code 260 to ebIX, i.e. rename the code 260 to ebIX. That is how the code is used today, both in the Nordic countries and in the other ebIX countries (Netherlands, Germany, Switzerland, Belgium and Austria). It is ebIX that maintain these code lists and it is impossible to change the code 260 to 330 in all the documents that is sent in the downstream market in the ebIX countries between thousands of actors.

If you still have problems with the new Ediel code please let me know and we, in the Nordic projects, will try finding another solution, such as a more formal organization name. But, please rename the code 260 to ebIX ☺

Reply by Mike Conroy

Thank you for your reply. In order to expedite this question I propose that we simply switch the name and description of the two codes 260 and 330 and not create a third code which is simply confusing. Therefore if you agree and Gait gives his benediction I propose the following with the addition of a Note.:

Code 260

Name: ebIX (European forum for energy Business Information eXchange)

Description: A code to identify European forum for energy Business Information eXchange, which is an organization standardizing the use of EDI between the participants in the European energy market.

Note: ebIX, a successor to the Ediel Nordic Forum, has previously been inadvertently identified with the code 330.

Code 330

Name: Nordic Ediel Group

Description: A code to identify the Nordic Ediel Group, which is an organization standardizing the use of EDI between the participants in the Nordic energy market.

Note: The Edial Nordic Forum has previously been identified with the code 260. This code identifies a successor to the group known as the Nordic Ediel Group and inadvertently identified ebIX now identified by code 260.

The notes may be suppressed after a 3 year period and perhaps we could also mention that also.

And we suppress the extraneous code 380. Please note also that I changed the name to "Nordic Ediel Group" as presented on the website.

Outsiders will not understand the switch and I know that there are many people who examine this sort of thing. If we're not clear we're certainly going to get whiplash. Looking at it from the outside it appears that one has switched ebIX for Ediel, deleted the existing ebIX and created Ediel again. In both cases the definition of Ediel is the same. So I am not prepared to let it go without clarifying text.

If everyone agrees with this, especially Gait, then we can proceed.

Reply by Gait:

Yes, that's fine with me.

Reply by Ove:

This sounds fine to me and in line with the original DMRs we sent to UN/CEFACT.

However, just a small spelling error in the Note to code 330:

Note: The ~~Edial~~ **Ediel** Nordic Forum has previously been identified with the code 260. This code identifies a successor to the group known as the Nordic Ediel Group and inadvertently identified ebIX now identified by code 260.

And final reply from Mike:

After the agreement of the originator of the DMRs and the ATG1 chair can you please implement the changes to the following DMRs:

UN-09-00178

Add the note below:

Code 260

Name: ebIX (European forum for energy Business Information eXchange)

Description: A code to identify European forum for energy Business Information eXchange, which is an organization standardizing the use of EDI between the participants in the European energy market.

Note: ebIX, a successor to the Ediel Nordic Forum, has previously been inadvertently identified with the code 330. This note will be removed effective with directory D.12B.

DMR UN-09-00142

Change the code suppression to a change of name and description with the addition of a note as follows:

Code 330

Name: Nordic Ediel Group

Description: A code to identify the Nordic Ediel Group, which is an organization standardizing the use of EDI between the participants in the Nordic energy market.

Note: The Ediel Nordic Forum has previously been identified with the code 260. This code identifies a successor to the group known as the Nordic Ediel Group and inadvertently identified ebIX now identified by code 260. This note will be removed effective with directory D.12B.

DMR UN-09-00179

Withdraw the request.