


Agenda: NEG Technical Committee Date: Wednesday May 25 th , 2016 Time: 09:00 – 15:30 Place: Helsinki	 Nordic Ediel Group
May 26 th , 2016	

- Present:** Jan Owe, Svenska kraftnät
 Jari Hirvonen, Fingrid
 Jon-Egil Nordvik, Statnett (Convenor)
 Mats Elmér, Svenska kraftnät
 Ole Fredsø Weigelt, Energinet.dk
 Ove Nesvik, Edisys (Secretary)
- To (NTC):** Antti Niemi, Nord Pool Spot
 Christian Odgaard, Energinet.dk
 Eveliina Ishii, Nord Pool Spot
 Hanna Blomfelt, Nord Pool Spot
 Jan Owe, Svenska kraftnät
 Jari Hirvonen, Fingrid
 Jon-Egil Nordvik, Statnett (Convenor)
 Kim Dahl, Statnett
 Marja Eronen, Nord Pool Spot
 Minna Arffman, Fingrid
 Ole Fredsø Weigelt, Energinet.dk
 Ove Nesvik, Edisys (Secretary)
- (NBS):** Mats Elmér, Svenska kraftnät
 Minnakaisa Ahonen, eSett
 Morten Hilger, Energinet.dk
 Morten Torgalsbøen, Statnett
 Niko Jauhiainen, eSett
 Pasi Lintunen, Fingrid
 Tuomas Lahti, eSett
- CC:** Anne Stine Hop, Statnett
 Oscar Ludwigs, Svenska kraftnät
 Tor Bjarne Heiberg, Statnett
 Tor Åge Halvorsen, NordPool
- Appendixes:** **Appendix A**, “To remember list”
Appendix B, Overview of information exchange for the NBS metering and settlement phase
Appendix C, Mail exchange between Eveliina and Ove
Appendix D, Change proposal for the Harmonised Role Model



first draft role
 model 20160428.pdf , see item 18.2 under AOB

Attachment:

--- Combined NBS and Ordinary NTC---

1 Approval of agenda

The agenda was approved with the following additions:

- Usage of schemeAgencyIdentifier and schemeIdentifier for production units, see 5.2

- Change proposal for the Harmonised Role Model, see 18.1 under AOB
- Gas Role Model, see 18.2 under AOB
- Documentation for communication to/from Nordic data hubs, see 18.3 under AOB
- Status for “Generic Format”, see 18.4 under AOB
- Validity Start and Validity End – Use of time zones, see 18.5 under AOB

2 Approval of previous meeting minutes

The minutes from previous meeting were approved.

3 Status NEG documents and xml schemas

- NEG Common XML rules and recommendations
Status: No change since previous NTC meeting.
- NBS XML schemas
Status: No change since previous NTC meeting.
- NBS BRS (and related UserGuide)
Status: No change since previous NTC meeting, however some questions to be answered when the secondary legislation in Sweden is approved.
- NBS BRS for TSO/NPS communication
Status: No change since previous NTC meeting, however some questions to be answered when the secondary legislation in Sweden is approved
- BRS for Master Data Documents (and related UserGuide).
Status: No change since previous NTC meeting, however there is an update of the sequence diagram in the BRS, though so small that publication is awaiting further updates.
- Acknowledgement UserGuide
Status: No change since previous NTC meeting.

4 Change request for NEG Code List Library

Elhub need an extra code for the MGA type code list, i.e.:

Code	Name	Description
Z99	Sub-Grid Area	The MGA represent a sub-gid area, i.e. a MGA that is not part of the imbalance settlement, but where a supplier change can take place.

This is a Norwegian speciality and is not connected to NBS in any way.

Conclusion:

- The request was approved.

The item is closed.

5 Status for NBS BRS (and related UserGuide)

5.1 Questions to be answered when the secondary legislation in Sweden is approved:

Since the secondary legislation in Sweden not yet is approved, the item was postponed.

5.2 Usage of schemeAgencyIdentifier and schemeIdentifier for production units

The item originates from a Norwegian issue on how to identify the production time series from Norway. From discussion:

- Jon-Egil explained that there are three levels of production objects:
 - **Generator Group;**
 - Can consist of several **Power Stations;**
 - Can consist of several **Generators.**
- It was however unclear what level the Resource Object (RO) and Metering Point (MP) defined in the BRS for Master data are on.

Conclusion:

- When sending P-codes in Norway the schemeAgencyIdentifier = **260** and schemeIdentifier = **SM**;
- When sending GS1 Metering Point IDs in Norway the schemeAgencyIdentifier = **9** and the schemeIdentifier should not be used.

Action:

- Jon-Egil will investigate at what level Norway will report measured production data. I.e. on Generator Group level, on Power Station level or Generator level, both post and pre Elhub.

6 Status for NBS BRS for TSO/NPS communication

6.1 Questions to be answered when the secondary legislation in Sweden is approved

- Should we remove the “red arrows” from “Overview of information exchange for the NBS metering and settlement phase”, see **Appendix B**

Since the secondary legislation in Sweden not yet is approved, the item was postponed.

6.2 Action from previous meeting

- Mats will verify with Unicorn how to handle deletion of regulations (verify **red text** below), before Ove publishes the document

Business rules:

- *All valid regulations for a period and Process Type (primary, secondary or tertiary regulations) must be sent in one document.*
- *If updates are sent, all valid regulations for the relevant period must be sent in the update-document (i.e. all still valid time series from the predecessor). An update-document shall always cover the same period as its predecessor. The latest received message will always replace the previous one. **All regulations not part of the latest update-document shall be deleted.***
- Ove will publish the BRS when the issue is clarified by Unicorn.

Mats informed that the issue still not is solved within eSett – the item was postponed.

Other changes to the BRS was reviewed and it was agreed to publish all changes to the BRS, except for those related to regulations. These changes are already approved by NEG and the document will be published ASAP.

Action:

- Ove will publish the BRS as version 1.6.A, without changes related to regulations, ASAP.
- Ove will publish the BRS as version 1.6.B, with business rules for regulations, when the issue is clarified by Unicorn.

7 Status for NPS implementation of NEG Documents

No news reported.

8 Review of BRS for schedules

Due to lack of time, the item was postponed.

9 Review of comments to BRS for Nordic Trading System

The review of the BRS was continued at the end of the meeting. The review ended halfway in the ERRP Reserve Bid Document.

A BRS with comments can be downloaded from:

<https://www.dropbox.com/sh/hrp2wn85e98mwb3/AADsJkoqjybvORu2CQm75q7a?dl=0>

Regarding the Publication document in the BRS for the Nordic Trading system we have added four attributes to the Publication document:

- Maximum Price
- Minimum Price
- Average Price
- Direction

All four are classified 0..1. When should they be used? For which business types etcetera? The attributes will not be used by NPS and NBS. See also Mail exchange between Eveliina and Ove in Appendix C

Homework from previous meeting:

- All will verify for which Process Types an Auction ID is used for the NEG Auction Specification Document, i.e. for:
 - A01** Day-ahead (Elspot) – **Auction ID is not used**
 - A19** Intraday accumulated (Elbas).
 - Note:** This process concerns a single intraday process where only intraday evolutions occur through version changes.
 - A28** Primary reserve process
 - A29** Secondary reserve process
 - A30** Tertiary reserve process
 - Z04** Reserve option market (Nordic code)

10 Status for MRs to ENTSO-E

Nothing new.

11 Status for responses to the memo “Request to implement MADES SOAP header”

No news. The item will be kept on the coming agendas as a “Status for implementation of MADES”

12 Review of BRS for Determine Transfer Capacity

Update of the document will be a part of the Regional Security Control-project. The documents will be based on CIM documents.

13 Status www.ediel.org

No issues.

Action:

- All are asked to review the national links at the “Link-page” and report updates to Ove.
- Ove will add a link to Elhub

14 Status ENTSO-E IEC/CIM schemas

Jan had as action item from previous meeting found that there is a need for migration to IEC/CIM documents for NORDBALT. NTC will give mapping of Acknowledgement document, ECAN Publication document, ECAN Capacity Document and ESP Energy Account Report priority.

A few issues were discussed:

- For some of the documents there are Nordic extensions that not are part of CIM versions, such as the Process Type in the ECAN Publication Document.
- In the ECAN Publication Document we have added Max Price, Min Price, Average Price and Direction as Nordic extensions. These elements, except for the Average Price, are added to a new Price Document that can be found in the [Balancing Publication Implementation Guide](#)

Conclusion:

- Until someone asks for it, we will not provide CIM XML schemas with Nordic extensions
- In the mapping document we will notice that there are no elements to map to in the current CIM schemas.

Action:

- Ove will add Acknowledgement document, ECAN Publication document, ECAN Capacity Document and ESP Energy Account Report priority to the mapping document.
- According to earlier mail exchange, NPS is not using the ECAN Publication document. Ove will ask Eveliina if NPS intend to use the document in the foreseeable future. If yes:
 - Will the Average Price be used? If yes:
 - What is the definition of the Average Price?
 - We will send a MR to WG-EDI for addition of the Average Price to the new Price Document

15 Review of Appendix A, “To remember list”

The [Balancing Publication Implementation Guide](#) was added to the list.

16 Information (if any)

No extra information exchanged.

17 Next meeting

- Wednesday August 17th in Copenhagen
- Tuesday October 11th in Stockholm

18 AOB

18.1 *Change proposal for the Harmonised Role Model*

The proposed changes can be found in Appendix D.

The proposal implies that the Market Balance Area will be replaced by a Scheduling Area. Today, in the Nordic countries, the Elspot area is used as a Market Balance Area. If the new proposal is agreed, we will use the Bidding Zone for bids and imbalance settlement, and Scheduling Area for schedules. In the Nordic countries, the Bidding Zones and Scheduling Areas will have the same ID (EIC-code, with a “function” combining the two domains (Bidding Zones and Scheduling Areas)).

Jan and Ove informed the Harmonisation Group about the comment above during the meeting.

The item was closed.

18.2 *Gas Role Model*

The attached Gas Role Model was briefly discussed. It will be further discussed at an ebIX® ETC meeting where the intention is to make comments to the draft Gas Role Model.

Some comments:

- The name should be the same in the gas and the electricity role model for roles with the same function
- The four roles with a “System Operator” extension (not including the TSO) should probably be specialisations of a generic System Operator.

The item was closed.

18.3 *Documentation for communication to/from Nordic data hubs*

Jan asked for documentation from Denmark, Finland and Norway on the communication standard to be used to/from the hubs.

Action:

- Jari, Ole and Ove will find relevant links and send to Jan.

The item was closed.

18.4 Status for “Generic Format”

The item originates from a question in Sweden related to when the generic format will be available, i.e. when will a specification be available (currently it is only an example available)?

The Generic Format is used for reporting aggregated data from eSett that not fits into the documents defined in the BRSS.

Action:

- Mats will investigate when documentation will be available and if there is a date for when eSett will start using it.

18.5 Validity Start and Validity End – Use of time zones

Mats had as homework from previous meeting to verify the conclusion from previous meeting: “NTC think the current BRS, UserGuide and XML schemas are correct, according to what earlier have been agreed, i.e. ValidityStart and ValidityEnd are defined as “xsd:date” and must be expressed as: YYYY-MM-DD, without any time zone or offset to UTC.”

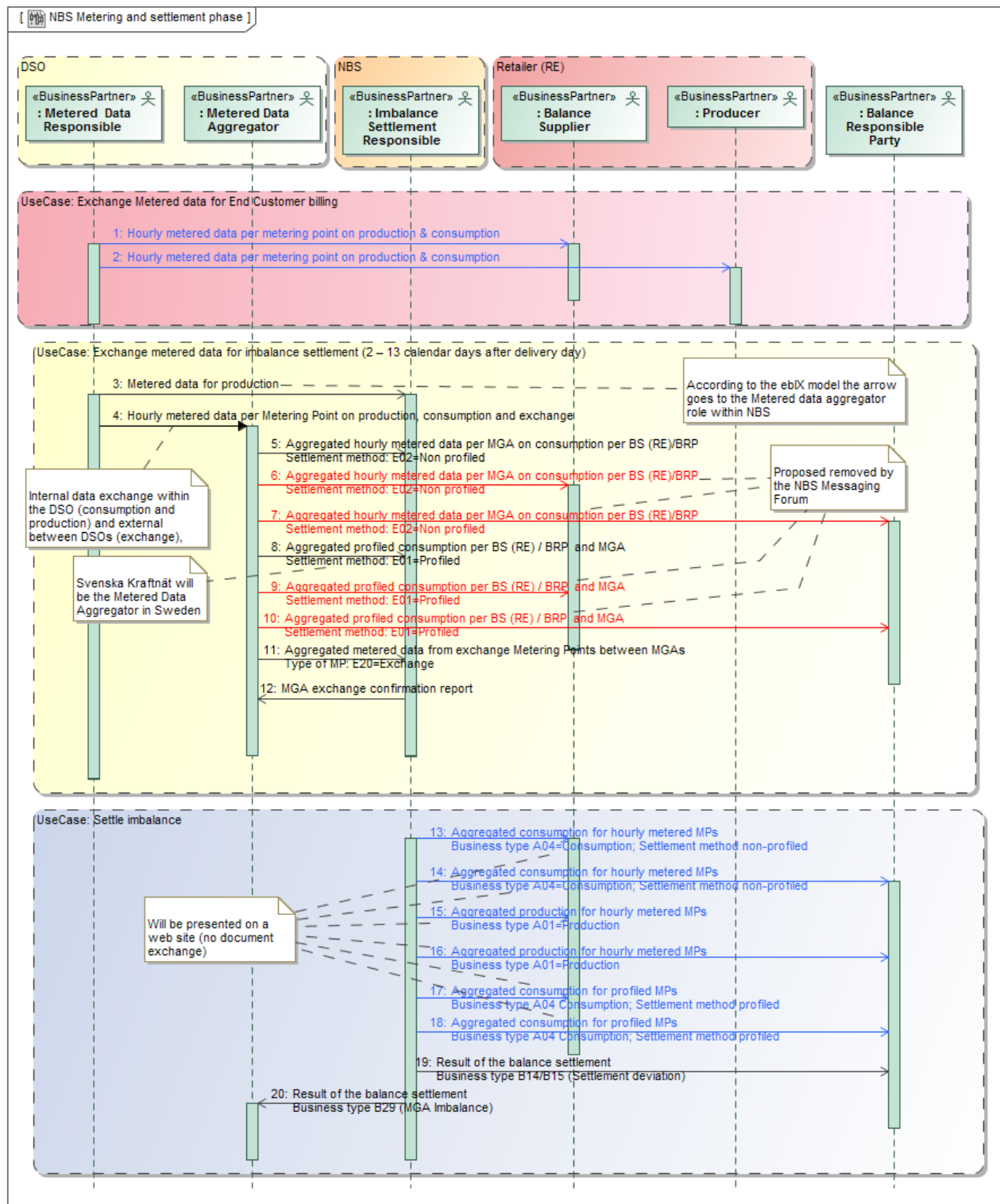
It was noted that there will be a workaround for the near future, based on the Statnett time zone. The problem will occur when the Finnish data hub goes on air in 2019.

For the time being the item is closed.

Appendix A “To remember list”

Item #	Item	Description	Status
1.	EMFIP Configuration Market Document	Within EMFIP there is a document called Configuration Market Document. NTC don't think that the document can be use for any master data in the foreseeable future. However, the topic should be kept in mind and we might get questions why we didn't use it. At a later stage, NEG might do some work to influence the European standards.	TBD
2.	Balancing Publication Implementation Guide	To be looked into	TBD

Appendix B Overview of information exchange for the NBS metering and settlement phase



Appendix C Mail exchange between Eveliina and Ove

Thank you for good comments. I have updated the BRSs with most of them, but I have some questions to some of them:

- Nordic Trading System
 - **Ove:** You say: “Figure 5, According to BRS for NBS / eSett (TSO-NPS) we are sending the documents directly to eSett, not through TSO. Should this be corrected accordingly?”. However, when I look in the NBS BRS for NPS/TSO, I believe this arrow is valid for Sweden, see arrow 7 (BRPs and Traders trade in Elspot and Elbas) and arrow 9 (BRPs trade in Elspot and Elbas (optional)) in chapter 2.3
Eveliina: Yes, in NBS specification this is defined as optional, but same is not written in Nordic trading system BRS.
 - **Ove:** Table 2, NPS Intraday system is not sending Publication Document to BRPs. Process flow is correct, but reference to Publication Document must be taken away from arrow 17 and 22. What is used today (what to replace)?
Eveliina: Intraday system is using various formats, so my understanding is that this could be left blank in the BRS document.
 - **Ove:** How about arrow 23 – Is the NEG ECAN Publication document used here?
Eveliina: Same as above applies to this also.
 - **Ove:** Figure 18, NPS doesn't use SpotMarketBidDocument, AllocationResultDocument or PublicationDocument towards Trade Responsible party. Flow is correct, but reference to these documents must be removed. What is used today (what to replace)?
Eveliina: Same as above applies to this also.

NEG Technical Committee (NTC)

