

Agenda: NEG Technical Committee Date: Wednesday August 17 th , 2016 Time: 09:00 – 16:00 Place: Copenhagen August 18 th , 2016	 NEG Nordic Ediel Group
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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

Attachment: None

--- Combined NBS and Ordinary NTC---

1 Approval of agenda

The agenda was approved with the following additions:

- Missing arrows in the sequence diagram for NEG ECAN Publication Document, see 6.3
- ESP version, see 5.3
- Prefixes and schemaLocation, see 5.4
- Validity Start and Validity End – Use of time zones, see 18.1 under AOB

2 Approval of previous meeting minutes

The minutes from previous meeting were approved after update of links.

3 Status: NEG documents and xml schemas

- NEG Common XML rules and recommendations
Status: No outstanding issues, however additions agreed under item 5.4 below
- NBS XML schemas
Status: No outstanding issues, however changes are proposed, among others under item 5.4 below
- NBS BRS (and related UserGuide)
Status: No outstanding issues, however some questions to be answered when the secondary legislation in Sweden is approved
- NBS BRS for TSO/NPS communication
Status: No outstanding issues, however some questions to be answered when the secondary legislation in Sweden is approved
- BRS for Master Data Documents (and related UserGuide)
Status: There is an update of the sequence diagram in the BRS, however so small that publication is awaiting further updates.
- Acknowledgement User Guide
Status: no outstanding issues
- BRS for Trade
Status:
 - The following BRS changes was done during summer 2016:
 - Addition of clarifying text
 - Addition of links between the document exchange overview and detailed document.
 - Addition of cardinalities in detailed document description tables
 - Addition of when to use optional data elements where relevant
 - The NEG Spot Market Bid Document is extended with System Bid Identification and Bid Responsible Identification
 - The NEG ECAN Allocation Result Document is extended with Bid Responsible Identification

- The following xml schema changes was done during summer 2016:

urn-ediel-org-neg-ecan-allocationresultdocument-2-0-restricted-codes.xsd	<ul style="list-style-type: none"> • Changed version to 2.0
urn-ediel-org-neg-ecan-allocationresultdocument-2-0-local-restrictions.xsd	<ul style="list-style-type: none"> • Changed version to 2.0
urn-ediel-org-neg-ecan-allocationresultdocument-2-0.xsd	<ul style="list-style-type: none"> • Extended with BidResponsibleIdentification • Changed version to 2.0

urn-ediel-org-neg-spotmarket-biddocument-2-0-restricted-codes.xsd	<ul style="list-style-type: none"> • Changed version to 2.0
urn-ediel-org-neg-spotmarket-biddocument-2-0-local-restrictions.xsd	<ul style="list-style-type: none"> • Changed version to 2.0 • Addition of Document Type Code Z17 Spot Market Bid Status Report
urn-ediel-org-neg-spotmarket-biddocument-2-0.xsd	<ul style="list-style-type: none"> • Extended with SystemBidIdentification and BidResponsibleIdentification • Changed version to 2.0 • Removal of Dtd Version and Dtd Revision

4 Status: Generic Format

Mats had as action from previous meeting investigated when documentation will be available and if there is a date for when eSett will start using it. Mats informed that the design of the data package will start in the early autumn.

Action:

- Mats will present an updated status at the next NTC meeting

5 Status for NBS BRS (and related UserGuide)

5.1 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**
- In chapter 5.7.2.1 we say:
Finland will send ESS Schedule Time Series in UTC+2, while the Nordic balance settlement will be done in UTC+1, i.e. the settlement will be based on ESS Schedule Time Series for two different days (the first hour of a “balancing day” will be sent the day before the last 23 hours of the “balancing day”).

Should this be rewritten according to chapter 2.3 in the NBS handbook?

The settlement structure management (e.g. retailer balance responsibility) will be complied with national legislations. In Finland the settlement structures will be managed in Eastern European Time (EET)/Eastern European Summer Time (EEST) and in Sweden the settlement structures will most likely be managed in Swedish Normal Time (pending final approval of the secondary law, final approval is expected before the end of 2015). In Norway there will be no changes compared to the current situation.

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

5.2 Usage of schemeAgencyIdentifier and schemelIdentifier for production units

Action from previous meeting:

- 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.

The item was postponed.

5.3 ESP version

From Jan:

- 1) It is now that we (more easily) can correct it, not after go-live.
- 2) Everyone having used "urn:ediel:org:neg:esp:energyaccountreportddocument:1:0" and being certified, will still be certified.
- 3) The XSD-file is "urn:ediel-org-neg-esp-energyaccountreportdocument-1-0.xsd", i.e. without this typing error. And given the name space you might have implemented a solution (automatically) trying to find out the schema file name based on the name space. However, that is not possible with a typing error.
- 4) Everyone will still have to do "Operational Test Run" with eSett. If we can verify that receiving an EnergyAccountReport is part of this, then everyone will get the file with corrected name space from eSett before go-live.

We should of course inform about this correction, and that those having tested at the Ediel portal, can test again (but don't have to in order to keep their certification).

From Ove:

- The latest version published at the [ENTSO-E ESP-homepage](#) is version 1.2. and this version (and earlier versions) is «non-namespaced schemas».
- I think to remember that the reason for making a NEG version (NEG version 1.0) was that there was no namespaced version of ESP from ENTSO-E
- But, I found «[urn-entsoe-eu-wgedi-namespacecorrigendum-1-0-2013-12-03.pdf](#)» that describes (in pdf-format) «urn:entsoe.eu:wgedi:esp:energyaccountreport:2:0». And this is, as far as I can see, 100% equal to «urn:ediel:org:neg:esp:energyaccountreportddocument:1:0» (except for the namespace)

Conclusion:

- We do not change the current published schemas, because the system vendors and market participants want the set of XML schemas to be frozen
- Mats verified during the meeting that Unicorn actually uses the XML schema version with the double d's (dd).
- When the set of NBS schemas are changed because of other reasons, we will update the EAR document to the latest ENTSO-E version 2.0 document.

Action:

- Ove will make a memo, explaining the possible change from NEG EAR version 1.0 to ENTSO-E EAR version 2.0. The memo will be published at www.ediel.org under NEG -> new paragraph "Possible future updates of NBS XML schemas".

5.4 Prefixes and schemaLocation

Jan had sent in a question about the usage of "xsi:schemaLocation" and the usage of prefix rsm, which not is used by eSett. Nor do eSett use "xsi:schemaLocation". However, most examples do have both. Two issues:

- 1) Should we update the NBS-examples to be more in line with the implementation?
- 2) Should we write something about the usage of prefixes and schemaLocation in the guide "NEG Common XML rules and recommendations"?

Conclusion:

- We do nothing with the published examples

Action:

- Ove will make a new chapter in the "NEG Common XML rules and recommendations" regarding the usage of prefixes and schemaLocation. To be reviewed at the next NTC meeting.

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 had as action from previous meeting to 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.***

Mats informed that the change probably not will be implemented before NBS go live.

Action:

- Mats will update the status before next NTC meeting.
- What to publish will be decided at next meeting

6.3 Missing arrows in the sequence diagram for NEG ECAN Publication Document

The NEG ECAN Publication Document is used for prices in the reconciliation and correction settlements by Elhub (and probably also by others):

- Business type **A62** (Spot price), received from NPS (?), is used for reconciliation
- Business type **B23** (Consumption imbalance price = Balance regulation market price I dominant direction) received from TSO (Statnett), is used for corrections of hourly metered MPs

Conclusion:

- The item was moved to the BRS for Nordic Trading System

7 Status for NPS implementation of NEG Documents

No one had any news to report.

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

A BRS with comments can be downloaded from:

<https://www.dropbox.com/sh/hrp2wn85e98mwb3/AADsJkoqijyvORu2CQm75q7a?dl=0>

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)

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From discussions at the meeting:

- The following questions were sent to NPS:
 - In February we removed the Portfolio ID from the ESS document (see below). However, the Portfolio ID is still a part of the NEG ERRP Reserve Allocation Result Document. Will NPS use the Portfolio ID in the NEG ERRP Reserve Allocation Result Document, or can we remove it?
 - We see that the Bid Document ID and Bid Document Version is required, but not used, in the NEG Allocation Result Document (Filled with “Empty field” and “fixed 1”). Hence, we propose removing these elements for the Nordic schema. The question is if NPS will use the new schemas or if NPS will keep the current published schemas.
 - In the latter case we will probably establish a set of “Next version NEG XML schemas”, that can be used by NPS, NBS, etc. when updating their systems at a later stage.
 - A final question regarding the NEG ECAN Allocation Result Document – Is it possible to have a Weekly Contract in the Elspot market, Ref Dependency matrix related to NEG ECAN Allocation Result Document?

Document type	Process type	Contract type	Measure Unit Price
A25 Allocation result	A01 Day-ahead (Elspot)	A01 Daily A02 Weekly	✓
	A19 Intraday accumulated (Elbas)	A07 Intraday contract	✓

Answer from after the meeting:

- We don't currently support weekly contract messages. It is possible to request only daily reports.

Action:

- If NPS agrees to remove the Portfolio ID from the NEG ERRP Reserve Allocation Result Document, this will be added to the memo specifying possible updates of XML schemas, see above.
- Ove will make a new schema for NEG ECAN Allocation Result Document, see BRS class diagram
- Send BRS for Operate on circulation for comments to NEG for 14 days before publishing
- Send BRS for Trade on circulation for comments to NEG for 14 days before publishing

10 Status for MRs to ENTSO-E

Nothing new

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

No response

12 Review of BRS for Determine Transfer Capacity

Update of the document is postponed until it is time to document new processes. Test is planned summer/autumn 2016. The documents will be based on CIM documents

13 Status www.ediel.org

No issues

14 Status ENTSO-E IEC/CIM schemas

Ove had as action from previous meeting added Acknowledgement Document, ECAN Publication Document, ECAN Capacity Document and ESP Energy Account Report to the mapping document. In addition, Ove had added the NBS BRS and NBS BRS for TSO/NPS usage of the ESS Schedule Document and the ESS Confirmation Report, to make the mapping complete.

During the mapping, Ove had observed that in the ESS Schedule Document in NBS BRS for TSO/NPS the In Area and the Out Area shall have the same MBA, while in the Scheduling BRS either the In Area or the Out Area is used, described in a dependency table.

Conclusion:

- We keep it as is

Further, Ove had as action from previous meeting asked Eveliina if NPS intend to use the ECAN Publication document in the foreseeable future and if yes: ask if the Average Price be used. Answered from Eveliina:

There has been now some misunderstanding, we do actually use ECAN Publication document for Day Ahead API. However, we do not use Average Price element, couldn't find any reasonable value to be placed there, with the structure schema is defined and the way we are using it.

The Average Price element was removed from the BRS for Nordic Trading System.

15 Review of Appendix A, "To remember list"

Due to lack of time the item was postponed.

16 Information (if any)

Denmark will use a "core version" of the NEG Bid document, using a web UI (User Interface) for the reserves markets.

17 Next meeting

- Tuesday October 11th 2016 in Stockholm (Sundbyberg), 09:00 – 15:30
- Wednesday November 16th 2016 in Oslo, 09:00 – 15:30

18 AOB

18.1 Validity Start and Validity End – Use of time zones

From previous NTC meeting minutes:

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.

Mats reopened the item:

- So far no market actors have exchanged master data using XML documents.
- Unicorn has expressed that they cannot handle the Master Data documents with only a date – they need a time zone.
- Jon-Egil explained that these Master Data always will be valid at 00:00 local time in Denmark, Finland and Norway and at 00:00 UTC+1 all year around in Sweden, on a specific date.
- Is it an option that Unicorn map a received date into a data/time using 1200 as the time – Then the validity date will always be on the right day?

Action:

- Mats will ask Unicorn once more how to solve it.

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 used 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

