


Minutes: NEG Technical Committee Date: Monday August 21 st 2017 Time: 09:30 –15:30 Place: Oslo airport Gardermoen September 5 th , 2017	 Nordic Ediel Group
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- Present:** Fedder Skovgaard, Energinet
Jan Owe, Svenska kraftnät
Jari Hirvonen, Fingrid
Jon-Egil Nordvik, Statnett (Convenor)
Niko Jauhiainen, eSett
Ove Nesvik, Edisys (Secretary)
- To (NTC):** Christian Odgaard, Energinet.dk
Fedder Skovgaard, Energinet.dk
Jan Owe, Svenska kraftnät
Jari Hirvonen, Fingrid
Jon-Egil Nordvik, Statnett (Convenor)
Kim Dahl, Statnett
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
- Appendixes:** **Appendix A**, “To remember list”
Appendix B, Overview of the usage of xml-schemas in the Nordic countries
- Attachment:** None

--- Combined NBS and Ordinary NTC---

1 Approval of agenda

The agenda was approved with the following additions:

- Implementation plan for restructuring NEG, NTC and NCEG, see item 17.1 under AOB
- CIM based xml-schemas, see item 17.2 under AOB
- Review of cardinalities for BRS for Operate, see item 17.3 under AOB
- My Energy Data, see item 17.4 under AOB

2 Approval of previous meeting minutes

The minutes were approved with the following comments:

- From Jan:
 - Remove the question mark from the header (Arlanda?)
 - There were some following comments from CGI under point 5.1:
 - The “Delta value” is also sent in the Final Confirmation Report, for the area balance, but not for bilateral trade.
 - Correct the spelling error under point 14.1 ”Jan had considered” (add the “a”)

3 Metered frequency in the document

Statnett requests a new Business Type for Metered Frequency, i.e.:

Z69	Metered frequency	A time series concerning metered frequency
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And, addition of Measure Unit: Hz (Hertz) – “HTZ, Hertz” per UN Recommendation 20.

The codes will in the beginning be used in the ESS Schedule document, but at a later stage be moved to EAR or maybe the Generation Load Market Document (IEC 62325-451-6). The codes will be used for metered data in the settlement process.

The codes should be added to the Operate BRS, but since the BRS need a broader update regarding migration to CIM, the update was postponed. Hence, the update was added to Appendix A (“To remember list”).

Action:

- Ove will make a MR to WG-EDI, as a first stage for addition to the ENTSO-E code list.

4 NBS BRS (and related UserGuide) – if any issues

Ove had as action from previous meeting updated the BRS:

- Renamed the name of the class diagram from “Energy Account Report Document, v1.2” to “NEG ESP Energy Account Report Document version 1.0”
- Added the text (“Business type “A07 Net production/ consumption” uses signed values, i.e. will be negative when pumping”) after verification by Mats

No new issues.

5 NBS BRS for TSO/NPS communication – if any issues

Ove had as action from previous meeting updated the BRS regarding deletion of regulations, sent it on circulation for comments for 14 days and published it.

No other issues reported.

6 NBS BRS for Master Data – if any issues

Elhub had found an error in the NEG Resource Object (Production Unit) Master Data Document - maxLength of the Resource Object ID should have been 18 characters instead of 16. Hence, Ove corrected the “urn-ediel-org-neg-masterdata-resourceobjectmasterdatadocument-1-1-restricted-codes.xsd” and the related UserGuide for Master Data. Both updates have been published at www.ediel.org.

No other issues reported.

7 BRS for Nordic Trading System – if any issues

Ove had as action from previous meeting updated the BRS, sent it on circulation for comments for 14 days and published it.

No other issues reported.

8 BRS for Nordic Operational System – if any issues

Update of Process Types for “Reserve Allocation Result Document” when new codes are agreed within ENTSO-E, i.e.:

- Z01: Frequency activated reserves market (Z01/A28 is currently no valid)
- Z02: FRR-A market (Z01/A29 is currently no valid)
- Z03: Balance regulation market (Z01/A30 is currently no valid)
- Z04: Reserve option market
- Z05: Bilateral trade

Nothing new reported – The item will be continued.

Ove had as action from previous meeting:

- Updated the BRS (add Reason Code “A95 Complementary information”), sent it on circulation for comments for 14 days and published it.
- Published the ENTSO-E ERRP Activation Document with the Nordic codes from the BRS.

Action:

- Fedder and Jon-Egil will ask WG-EDI for the status in the ERRP project

9 XML schemas

9.1 NEG set of schemas

Ove had as action from previous meeting added “ERRP Activation document” to the NEG set of xml schemas.

The NEG set of schemas are shown in Appendix B.

Continued action from previous meeting:

- Everyone are asked to find what versions of xml-schemas are used to day in different projects and come up with proposals for new schemas and/or sets of schemas that should be published at www.ediel.org.

10 Addition of Metered Data Administrator to the Harmonised Role Model

Action:

- Jon-Egil will forward the memo to NRMG, asking for support to forward the MR to the HG.

11 BRS for schedules

Chapter 7 and the rest of the BRS was reviewed. The draft BRS can be downloaded from:

[NTC working documents](#)

Action:

- Jan and Fedder will check the dependency matrix for ESS schedule document and ESS confirmation report, chapter 7.1 and 7.3;
- Fedder, Jan and Jari will verify if “**A09** Finalised” is (will be) used for the ERRP Planned Resource Schedule Document from BRP to SO, or if it is only “**A14** Resource Provider Resource Schedule (Operational schedule)” that will be used (as in Norway), ref. chapter 7.4 in the Schedule BRS;
- Everyone should verify and possibly update the “Used in” column in chapter 7.4.3;
- Jari will find Finnish usages of Business types in chapter 7.4.4;
- Everyone should verify and possibly update the “dependency matrix” in chapter 7.4.5.

12 Status for MRs to ENTSO-E

Ove had as action from previous meeting made a list over unsolved change requests to ENTSO-E, see [NTC working documents](#).

Action:

- Ove will review the list to see if any of the MRS has been fulfilled (see updated version at [NTC working documents](#)).

13 Status www.ediel.org

Up to date.

14 Review of Appendix A, “To remember list”

The ““To remember list”, was reviewed, without starting any new actions.

15 Information (if any)

No information exchanged.

16 Next meeting

Thursday October 26th in Helsinki (airport?), 09:00 to 15:30

17 AOB

17.1 Implementation plan for restructuring NEG, NTC and NCEG

This is probably the last NTC meeting, before the new NME is operative. However, work need to be done, such as maintenance of documents and schemas. This will be continued as usual.

We expect two NME meetings in 2017 and six or seven NME meetings in 2018. Among others, we expect working with the following tasks:

- Implementation of Elhub and master data for NBS;
- Introduction of MADES and CIM format in Fifty;
- Start migration from old ENTSO-E XML schemas to CIM-XML.

17.2 CIM based xml-schemas

At the previous NTC meeting it was agreed to make a trial-version of a NEG CIM schema from one of the Nordic documents (NEG Area Specification Document, NEG Currency Exchange Rate Document etc.).

Ove informed that he has some problems with the CIMContextor and are working together with Zamiren (Jean-Luc Sanson and Andre Maizener) to fix the problems.

17.3 Review of cardinalities for BRS for Operate

The cardinalities were reviewed and text was added to the optional elements, including addition of cardinalities for the classes in the Activation Document, such as:

	[0..*]	Reason (Interval Level)
Reason Code	[1]	A95 Complementary information Z20 Frequency regulation Z21 System regulation The code A95 may be used to transmit extra information related to a bid
Reason Text	[0..1]	To be used together with Reason Code A95

The updated BRS will not be published yet, see item 8.

17.4 My Energy Data

Denmark, Norway and Sweden has answered positive to the CENELC/NWI for My Energy Data, however stated that the work should be done within IEC/TC57/WG-16.

It was stressed that the requirements from the Nordic data hubs should be coordinated within NME.

It was also noted that the My Energy Data project is in the centre of the ebIX® scope.

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, outside of the transparency platform, 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
3.	BRS for Operate	<ul style="list-style-type: none">• Add “Reporting as UseCase• Add code for Metered frequency (Z69?) and Hz	

Appendix B Overview of the usage of xml-schemas in the Nordic countries

XML schema	BRS	Version used by		
		NBS	NPS	TSO
NEG ECAN publication document	<ul style="list-style-type: none"> NBS BRS for NPS-TSO 	1.0	1.0	
NEG ERRP Reserve Allocation Result Document	<ul style="list-style-type: none"> NBS BRS for NPS-TSO BRS for Trade 	1.0		1.0
NEG ESP Energy Account Report Document	<ul style="list-style-type: none"> NBS BRS 	1.0		
NEG Area Specification Document	<ul style="list-style-type: none"> NBS BRS for Master Data BRS for Trade 	1.0 ¹	1.0	
NEG Bilateral Trade Structure Document	<ul style="list-style-type: none"> NBS BRS for Master Data 	1.0		
NEG Party Master Data Document	<ul style="list-style-type: none"> NBS BRS for Master Data 	1.0		
NEG Resource Object Master Data Document	<ul style="list-style-type: none"> NBS BRS for Master Data 	1.1		
ENTSO-E Acknowledgement Document	<ul style="list-style-type: none"> NEG Common XML rules and recommendations 	6.0	6.0	6.0
ENTSO-E ERRP Planned Resource Schedule Document	<ul style="list-style-type: none"> NBS BRS for NPS-TSO 	5.0		
ENTSO-E ERRP Activation Document	<ul style="list-style-type: none"> BRS for Nordic operational system 			5.0
NEG ERRP Planned Resource Schedule Document	<ul style="list-style-type: none"> BRS for Schedules 			1.0
ENTSO-E ERRP Resource Schedule Confirmation Report	<ul style="list-style-type: none"> BRS for Schedules 	No NEG version		
ENTSO-E ESS Confirmation Report	<ul style="list-style-type: none"> NBS BRS 	4.1		
ENTSO-E ESS Schedule Document	<ul style="list-style-type: none"> NBS BRS NBS BRS for NPS-TSO 	4.1	4.1	
ENTSO-E ESS Anomaly Report	<ul style="list-style-type: none"> BRS for Schedules 	No NEG version		
ebIX® Aggregated Data per MGA for Settlement for Settlement Responsible	<ul style="list-style-type: none"> NBS BRS 	2013pA		
ebIX® Aggregated Data per Neighbouring Grid for Settlement for Settlement Responsible	<ul style="list-style-type: none"> NBS BRS 	2013pA		
ebIX® NEG Confirmation of Aggregated Data per Neighbouring Grid for ISR	<ul style="list-style-type: none"> NBS BRS 	2013pA		
ebIX® Validated Data for Settlement for Aggregator	<ul style="list-style-type: none"> NBS BRS 	2013pA		
NEG ECAN Allocation Result Document	<ul style="list-style-type: none"> BRS for Trade 		2.0	3.0
NEG Currency Exchange Rate Document	<ul style="list-style-type: none"> BRS for Trade 		1.0	
NEG Auction Specification	<ul style="list-style-type: none"> BRS for Trade 		1.0	
NEG Spot Market Bid Document	<ul style="list-style-type: none"> BRS for Trade 		2.0	
NEG ERRP Reserve Bid Document	<ul style="list-style-type: none"> BRS for Trade 			1.0
ENTSO-E ERRP Reserve Bid Document	<ul style="list-style-type: none"> BRS for Trade 			
ENTSO-E Outage document	<ul style="list-style-type: none"> BRS for Schedules 	No NEG version		

¹ The NBS version 1.0 is using dateTimeType for Validity Start/End (error correction), while the NPS version 1.0 is using dateType. dateTimeType will be used from version 2.0.