Present: Jan Owe, Svenska kraftnät
Jari Hirvonen, Fingrid
Jon-Egil Nordvik, Statnett (Convenor)
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

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, Reason codes in NEG ERRP Reserve Allocation Result Document (Tertiary control)
Appendix C, ENTSO-E MRs from RTE

Attachment:

--- Combined NBS and Ordinary NTC---

1   Approval of agenda

The agenda was approved with the following additions:

- ENTSO-E MRs from RTE, see item 13.1
- NEG version of ERRP Reserve Allocation Result Document, see 6.4

2 Approval of previous meeting minutes

3 Status for NBS XML schemas
Actions (homework) from previous meeting:
- Jari will ask Unicorn for approval of the changed XML schemas
- Ove will publish xml schemas when approved by Unicorn

Jon-Egil reported that Business Type "**Z68**, Production Units own consumption (Only used in Finland)" is approved and that a Bnn code will be issued. See also item 5

Questions:
- Are these Business Types only reported to eSett and not back in EAR?
- When to update the NEG (ebIX® based) Aggregated Data per MGA (E31, E44)?

4 Status for BRS for Master Data Documents (and related UserGuide)
Actions (homework) from previous meeting:
- Mats will verify the NBS need for "**Z0X** Profiled" as an option in the attribute "MGA Type"
- Ove will update the document after comments at the NTC meeting in August, e.g. add text related to Bilateral Trade ID to the BRS and UserGuide, and publish the documents when approved by Unicorn

5 Status for NBS BRS (and related UserGuide)
Actions (homework) from previous meeting:
- Ove will update the BRS and send it to NTC core members
- Ove will publish the BRS as soon as the schemas are agreed by Unicorn
- Ove will update the UserGuide with the added text in the BRS (see yellow text in BRS)
- Jan will update the Excel example and send it on circulation for comments one week. Thereafter Ove will publish it

Jon-Egil reported that Business Type "**Z68**, Production Units own consumption (Only used in Finland)" is approved and that a Bnn code will be issued. See also item 3

Questions:
- Are these Business Types only reported to eSett and not back in EAR?
- When to update the NEG (ebIX® based) Aggregated Data per MGA (E31, E44)?

6 Status for NBS BRS for TSO/NPS communication
6.1 Durations in NEG ERRP Reserve Allocation Result Document
Actions (homework) from previous meeting:
- Ove will take the latest ENTSO-E ERRP Reserve Allocation Result Document and add Nordic requirements (see class diagram in BRS) and correct the schema
  - Publish it on ediel.org with a text "corrected to be in line with the BRS"
  - Still using version 1-0

6.2 Reason codes in NEG ERRP Reserve Allocation Result Document (Tertiary control)
Actions (homework) from previous meeting:

- Jari, Jan/Mats and Jon-Egil will review the table in Appendix B and mark the codes used in the respective country
- When the homework is finalised, Ove will remove unused codes and publish the BRS

6.3   *Measure Unit Price in NEG ERRP Reserve Allocation Result Document*
Actions (homework) from previous meeting:
- Ove will Remove Measure Unit Price from the example and Measure Unit Energy Price from the NBS TSO/NPS BRS, from the NEG ERRP Reserve Allocation Result Document – when sending amounts

6.4   *NEG version of ERRP Reserve Allocation Result Document*
- Should we use the Nordic version also for Nordic trading system, see item 10 below?
- Should we use the ENTSO-E cardinality of [1], instead of [0..1] for Tendering Party as in the current NEG version? The Tendering Party is required in both the BRS for NBS TSO/NPS communication and in the BRS for Trade.
- Should we use the ENTSO-E cardinality of [1], instead of [0..1] for Measure Unit Quantity as in the current NEG version? The Measure Unit Quantity is required in both the BRS for NBS TSO/NPS communication and in the BRS for Trade.
-

7   Status for NPS implementation of NEG Documents

8   Status BRS for Nordic Operational System (RPMimp project)
Actions (homework) from previous meeting:
- Ole and Jon-Egil (Ivar) will verify the rest of the comments in the BRS
  The verification is done by mail and thereafter Ove will publish the BRS

9   Review of BRS for schedules
Actions (homework) from previous meeting:
- Ove will for the next face-to-face meeting prepare proposals for tables to link the sequence diagrams to the document tables and prepare dependency matrixes where this can be useful.

10   Review of comments to BRS for Nordic Trading System
Actions (homework) from previous meeting:
- Ove will for the next face-to-face meeting prepare proposals for tables to link the sequence diagrams to the document tables and prepare dependency matrixes where this can be useful.

We should review the usage of the ERRP Reserve Allocation Result Document:
- Should we use the Nordic version also for Nordic trading system?
- Should

11   CIM based Weather document
Actions (homework) from previous meeting:
- All are asked to send Jon-Egil comments to the CIM based Weather document before September 20th

12   Status for continuation of the HNR project

13 Status for MRs to ENTSO-E

Continued actions (homework) from earlier meetings:

- Jon-Egil will ask WG-EDI to request the addition of Trader (NEMM 2013/113B and 2012/97) to the ebIX®, EFET and ENTSO-E Harmonised Role Model

13.1 *ENTSO-E MRs from RTE*

Jan had noted some comments to MRs from RTE, see Appendix C

14 Status for implementation of MADES

Continued actions (homework) from earlier meetings:

- Jari will ask Unicorn for their position regarding usage of MADES/SOAP header and the usage of businessType and senderApplication for routing purposes (MADES will not be implemented by eSett in the first release. However we would still like to get Unicorns position. The item will be followed up).

15 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

16 ENTSO-E IEC/CIM schemas

Continued actions (homework) from earlier meetings:

- Ove will add CIM descriptions to the BRS tables to all NEG BRSs, except for the NBS BRS and the NBS TSO/NPS communication BRS NTC is asked to update relevant BRSs to include CIM based ENTSO-E documents.

17 Review of www.ediel.org

18 Information (if any)

19 Next meeting

20 AOB

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

Appendix B Reason codes in NEG ERRP Reserve Allocation Result Document (Tertiary control)

Reason Code	Description	FI	NO	SE
Z22	Supportive power			
Z23	Special Regulation			
Z24	Quarterly adjustments		<mark>Move of production **or** Quarterly adjustment?</mark>	
Z25	Ordinary regulation			
Z26	Transit triangle		✓	
Z27	Transit redispatch		✓	
Z28	Transit SB Loop Long		✓	
Z29	FCR (Frequency Containment Reserve (FCR) is an automatic and momentarily regulation, to adjust the physical balance in the power system)		✓	✓
Z30	FRR-A (Frequency Restoration Reserve - Automatic (FRR-A) is an automatic reserve, activated continuously by the frequency)		✓	✓
Z31	FRR-M, Balancing Power (Frequency Restoration Reserve - Manual activated reserves (FRR-M), Balancing Power)		Ordinary regulation	✓
Z32	FRR-M, Countertrades (Frequency Restoration Reserve - Manual activated reserves (FRR-M), Countertrades when TSO need to maintain (replace) transfer capacity)			
Z33	FRR-M, Peak Load Reserve Regulation (Frequency Restoration Reserve - Manual activated reserves (FRR-M), Peak Load Reserve Regulation when no commercial bids are available for balancing)			
Z34	FRR-M, Quarter regulation (Frequency Restoration Reserve - Manual activated reserves (FRR-M), Quarter regulation when TSO need transfer of production (usually start 15 min earlier))		<mark>Move of production **or** Quarterly adjustment?</mark>	
Z35	FRR-M, Special Regulation (Frequency Restoration Reserve - Manual activated reserves (FRR-M), Special Regulation where regelation does not affect the regulation price)		Specially regulation	
Z36	Hour Change Regulation (In order to reduce problems encountered at the turn of the hour in the Nordic countries or in Finland, Fingrid reserves the right to transfer the planned changes to begin 15 minutes before or after the planned moment)			
Z37	Power Transaction (Fixed price transaction used for specific purposes outside of ordinary regulation)			
Z38	TSO Internal Countertrades (The time series concern TSO Internal Countertrades)			

| Z39 | Day Ahead Production Adjustment (Energy (production) moved from one hour to another to avoid major changes between hours) | | Production smoothing | ✓ |

Appendix C   ENTSO-E MRs from RTE

From Jan

I am not convinced that these suggested changes from RTE to the ENTSO-E standards are the best solutions. Have you looked into them? I have just done that, at least somewhat, and have the following notes:

1) (SchedulingBusinessType) Today I guess that A05 = A06 + A03, and then A05 (External Trade Total) is suggested to be deprecated. Regardless of the suggestion from RTE, I think it should be clear how the relations between the different codes are, i.e. is one code "a part" of another, and another code the "sum of" others? By the way, correct "informaiton" > "information" for code A06.

2) (EIC Function) If this list tells all EIC functions for Y codes (**https://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/List_of_allowed_functions.pdf**) then I would suggest to add "Metering grid area" and other areas to that list, i.e. areas to be found in the Harmonized Role model (to be checked with HG that all areas will be kept in next version). I would not suggest adding the four kinds of functions, unless they would have been part of the Harmonized role model.
For instance: adding "Production type area" is not an area. It is a set of metering points with the same kind of characteristics within an area. So there is already an area to be specified. And for that area you tell a set of characteristics, like the production type. Introducing an Y code for this would give us a "serial id", but that is not used in the messages. We uses a sort of transaction id that is unique (and we do not reuse them in other messages).

Adding "Balance responsible area" is not an area. It is again a set of metering points with the same kind of characteristics, probably within a Market Balance area. You specify some characteristics like the party (BRP). Introducing an Y code would again give as a kind of "serial id" that we don't want.

Adding "Regional network area" and "Transmission network area" are, as I see them, areas. But if an area is regional or a transmission area, or a local area etcetera, is master data for the area. Add "Metering grid area" from the Role model to the list of EIC functions, and then for that area you know what kind of area it is, i.e. is it a national/transmission area, is it regional etcetera.

3 & 4) (MeteredDataProcessType). In Sweden this kind of information is sent based on the ebIX-standard. Currently the aggregated data is sent both to BS:s, BRP:s and ISR – using the same message exchange format. Since everything is metered daily (with hourly values) or monthly (with monthly values) we don't need to specify "yearly process". We have to distinguish between profiled or non-profiled settlement (in the first case some hourly values could be included, decided not to be included in the non-profiled settlement) and between imbalance settlement and reconciliation. Before, when we had the yearly read meters, we did not need to specify if the values were included in the "yearly process" since that was the standard for the reconciliation process. Nowadays we specify the Settlement method (profiled or non-profiled) and, what I would use from the ENTSO-E (IEC)-standard, the process type as imbalance settlement or reconciliation. We would not suggest adding new process types like "Yearly process" and "Monthly process", that kind of information does not tell which process it is. "Yearly" or "Monthly" should then, when needed, be handled in another attribute.