


Minutes: NMEG meeting Date: Tuesday and Wednesday January 8 th and 9 th , 2019 Time: 09:00 –18:00 and 09:00 – 15:30 Place: Svenska kraftnät' s offices in Sundbyberg January 22 nd , 2019	 Nordic Market Expert Group
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Present: Christian, DK
 Fedder, DK
 Jan, SE
 Jari, FI
 Jon-Egil, NO (Convenor)
 Lars Truelsen, DK (Nordic RSC)
 Martin Julander, SE (Svenska kraftnät)
 Ove, NO (Secretary)
 Teemu, FI

To (NMEG): Anne Stine, NO
 Christian, DK
 Fedder, DK
 Jan, SE
 Jari, FI
 Jon-Egil, NO (Convenor)
 Ove, NO (Secretary)
 Teemu, FI

To (NorCap): Lars Truelsen, ltr@nordic-rsc.net
 Martin Julander, Martin.Julander@svk.se

CC: Hans Erik, NO
 Minna, FI

Appendix A: Addition of description of Nordic codes in urn-entsoe-eu-local-extension-types.xsd
Appendix B: Codes to be updated in BRSs or are candidates for MRs
Appendix C: Overview of the usage of xml-schemas in the Nordic countries
Attachment: None

1 Approval of agenda

The agenda was approved with the following additions:

- «Snabb aktiv störningsreserv», see item 20.1 under AOB;
- MADES with XML vs REST API with JSON, see item 20.2 under AOB.
- MNA question, see item 20.3 under AOB.
- ECP memo see item 20.4 under AOB.

2 Approval of previous meeting minutes

The minutes from previous meeting was approved after correction of some spelling errors.

3 eSett: security of the SMTP channel and introduction of 15 minutes resolution

Background: eSett has asked NMEG for our opinion regarding whether eSett should start to use S/MIME with all SMTP traffic and to update the NBS BRSs to handle 15 minutes resolution in time series.

References (links): None.

Action(s): Ove will make a proposal for answer and send it to NMEG for comments until Wednesday December 5th 2018.

What to be decided, discuss or inform: Status

A memo regarding “eSett concern for SMTP security” was sent to eSett December 12th.

The update of BRSs and XML schemas with 15 minutes resolution is awaiting a response for eSett for which documents to update.

Information from after the meeting:

All listed documents should be updated with the 15 minute resolution “**PT15M**”. However, the hourly resolution (**PT1H** or **PT60M**) should not be replaced by the 15 minute resolution since during the transition period, eSett will receive messages with both resolutions.

In addition to the 15 minute resolution, one-balance model will also be applied and this will also require changes to documents (for instance to NEG ESP Energy Account Report Document (EAR)). We will inform you our view on what should be changed regarding the one-balance model in the documents.

Ove will update the BRSs and XML schemas with 15 minutes resolution next week.

4 NMEG-NORCAP Project (main item the first day)

Background: NORCAP is a project run by Nordic RSC that, among others, among others will use the CRAC document. A first draft of a BRS shall be published by the end of January 2019.

References (links): None.

Action(s): Jon-Egil will distribute documentation to NMEG Friday November 30th, 2018.

What to be decided, discuss or inform: Review of BRS for NORCAP.

Ove and Jon-Egil had made a first draft of a BRS for NorCap that was reviewed and updated.

During the review it was noted a set of changes to the CRAC document, which will be sent as Maintenance Requests (MRs) to the CIM-EG. These MRs must be forwarded to the CIM-EG before January 15th, to be handled at the CIM-EG meeting January 30th and 31st. Next option is the CIM-EG meeting in March.

5 Status for a common meeting with NEAT

Background: NIT is taking over as “home” for NMEG from MSC and consequently we should have a common meeting, e.g. half day (same time and place) with NEAT (Nordic Enterprise Architecture Team) to see how we can cooperate.

References (links): None.

Action(s): Jon-Egil will get the NEAT meeting schedule and NMEG will try to participate on one of these.

What to be decided,

discuss or inform: Status for a common meeting with NEAT

No news – the action is continued.

6 Making a common Nordic downstream market BRS based on CIM, for exchange of metered data

Background: The topic was initiated at the NMEG meeting March 2018. A possible Nordic downstream market BRS is dependent on active involvement and ownership from the hubs.

We will start the work on making a common Nordic downstream market BRS based on CIM, by making a common CIM based document for exchange of metered data:

- a) We will give priority to metered data for Metering Points and thereafter looking into aggregated data.
- b) We will as basis use the current class diagrams from the Nordic data hubs and NBS.

References (links): Minutes from NMEG meeting March 7th, 2018 (see [Statnett eRoom](#) – 02 Meetings).

Action(s): Ove will finalise the “Validated data for billing” document and make a list over issues, such as how to model “Type of Metering point” - to be continued at our next meeting.

What to be decided,

discuss or inform: Continue modelling “Validated data for billing”.

Since the meeting focused on making a BRS for NorCap, this item was postponed.

7 High-level road map for NMEG

Background: NMEG has drafted a Roadmap that will be forwarded to NEAT and NIT for approval.

References (links): 1) The draft roadmap (see [Statnett eRoom](#) – 03 Documents for exchange).

Action(s): Ove will clean up the document and send it to Jon-Egil, who will forward it to NEAT and thereafter to NIT.

What to be decided,

discuss or inform: Status for approval by NIT.

Ove had updated the roadmap and sent it to Jon-Egil, who has forwarded the roadmap to NEAT and NIT. The roadmap is also available at [Statnett eRoom](#). The item is closed.

8 Status for new host for www.ediel.org

Background: Currently Energinet is hosting www.ediel.org, but Energinet would like to find another home for the web site. Conclusions from previous meeting:

- We go for Webhuset, where Edisys has good experience.

- We “Hire a Nerd” for a few hours to set up the first draft.
- We create the mail-address secretary@ediel.org.
- We keep the two latest versions of the IGs and add a note that secretary@ediel.org Ove can be contacted for later versions.

References (links): None.

Action(s): Ove will continue with the move and try to finalise the actual move before the end of the year.

What to be decided,

- discuss or inform:**
- 1) Status for new host for www.ediel.org.
 - 2) Should the ToR for NMEG, or its content, be published at www.ediel.org?

Ove is working on the new website.

9 NBS BRS for TSO-MO

Background: Jan has proposed an update:

In the NBS-BRS for TSO-MO we have a table 9 with the following rules regarding FCR:

A28 Primary reserve process	A11 Primary control	Z29 FCR	BRP	✓	✓	✓	✓
	Z03 Frequency Containment Reserves, Normal (FCR-N)						
	Z06 Frequency Containment Reserves, Disturbance (FCR-D)						
A29 Secondary reserve process	A12 Secondary control	Z30 FRR-A	BRP	✓	✓	✓	✓

Table 9: Dependency matrix: Ediel ERRP Reserve Allocation Result Document

The three right-most columns tell if a code is used in “FI”, “NO”, “SE”.

In order to clarify the table the suggestion is to have three rows there (in the three right-most columns) that tells:

A11 can be used in all three countries (currently also in Sweden)

Z03 and Z06 only used in Sweden.

This would then just be a minor update (a clarification) of the BRS.

Proposal from Ove:

Process type	Business type	Reason Code	Tendering Party	Reserve Object	Used in		
					FI	FI	FI
A28 Primary reserve process	A11 Primary control	Z29 FCR	BRP	✓	✓	✓	✓
	Z03 Frequency Containment Reserves, Normal (FCR-N)						✓

The sequence diagram in chapter 2.3 seems to be correct and an Activation Price is sent in the Balancing Market Document in chapter 5.1.2.3.

During this item it was noted that we are missing Role Codes for the new roles BSP and TSO.

Action:

- Jon-Egil will make MRs for new Role Codes for BSP and TSO.
- Ove will clean up the BRS and send it for comments to NMEG with a review period ending after February 1st (after CIM-EG meeting), to see if we can publish the BRS with a subset of the HRM (Harmonised Role Model) version 2019-01.

12 BRS for schedules (postponed until we start a project together with NBM)

Background: The latest version of the BRS for Schedules was published in February 2014. Since then the scheduling processes has changed and NMEG is working on updating the document.

References (links): The draft BRS can be downloaded from [Statnett eRoom](#).

Action(s): The following actions will be reopened when we start a project together with NBM (Nordic Balancing Model):

- 1) Jan and Fedder will check the dependency matrix for ESS schedule document and ESS confirmation report, chapter 7.1 and 7.3.
- 2) 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; *SvK and Fingrid will be using A14. Energinet is pending.*
- 3) Everyone should verify and possibly update the “Used in” column in chapter 7.4.3;
- 4) Jari will find Finnish usages of Business types in chapter 7.4.4;
- 5) Everyone should verify and possibly update the “dependency matrix” in chapter 7.4.5.

What to be decided,

discuss or inform: Review of chapter 7 and the rest of the BRS.

Postponed until we start a project together with NBM.

13 Status and update of other Nordic BRSs and other documents if needed

Background: NMEG is responsible for a set of BRSs that are published at www.ediel.org and Jan have some proposal for updates of the NBS BRSs.

References (links): None.

Action(s): None.

What to be decided,

discuss or inform: Verify that all BRSs are up to date and if not, update it (or them).

Since the meeting focused on making a BRS for NorCap, this item was postponed.

14 XML schemas (postponed until we start a project together with NBM)

Background: The NMEG set of schemas, including extended table with TSO columns, are shown in Appendix C.

References (links): The NMEG set of schemas are shown in Appendix C.

Action(s): When we start a project together with NBM (Nordic Balancing Model), 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.

What to be decided, discuss or inform: Verify the list of proposals for new schemas and/or sets of schemas, from the NMEG participants, that should be published at www.ediel.org.

Since the meeting focused on making a BRS for NorCap, this item was postponed.

14.1 Request from Jan regarding documentation of codes in urn-entsoe-eu-local-extension-types.xsd

Background: Jan is missing description of codes in the file urn-entsoe-eu-local-extension-types.xsd, published at www.ediel.org.

References (links): See request in [\[1\]](#).

Action(s): Fedder and Jon-Egil will bring up the question if there is a way of using `xsd:annotation` in the urn-entsoe-eu-local-extension-types.xsd, in the new ENTSO-E CIM Expert Group (CIM-EG).

What to be decided, discuss or inform: Decide if the description should be added.

Since the meeting focused on making a BRS for NorCap, this item was postponed.

15 Status for MRs to ENTSO-E

Background: NMEG has sent several Maintenance Requests (MR) to ENTSO-E during the last years and some of these (about 10 MRs) has been postponed by WG-EDI. Codes that are candidates for update or MRs, se Appendix B.

References (links): The MRs can be downloaded from [Statnett eRoom](#).

Action(s): None.

What to be decided, discuss or inform: Status for the MRs sent to WG-EDI.

Nothing new reported.

16 Status for MRs for new codes related to the Balancing document

Background: The Nordic aFRR project needs addition of some new codes, i.e.:
Business type codes:

	Name	Description
Z70	Market price and total volume	A time series concerning market price and total volume
Z71	Import price	A time series concerning import price (the volume-weighted price average of all accepted bids)
Z72	Capacity allocated (excluding price)	The business being described concerns capacity allocation without price information (ref ENTSO-E code B05, which is with price).

Document Type Codes:

Z33	Market result document	Published prices and volumes
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References (links): The MRs can be downloaded from [Statnett eRoom](#).

Action(s): Ove will make MRs for the new proposed codes.

What to be decided, discuss or inform: Status for the MRs sent to WG-EDI.

Ove had made MRs and sent them to Jon-Egil, with a copy to Fedder, for submission to CIM-EG for their January 2019 meeting.

17 Review of “To remember” items

The only item in the “To remember list” was related to the “EMFIP Configuration Market Document”, which are used in the NorCap project, hence the appendix was removed. The item is closed.

18 Information (if any)

Action from previous meeting:

- All to check if there are any initiatives towards a common Nordic datahub or a common interface between the hubs.

No initiatives – item closed

19 Next meetings

- Dedicated meeting for working on NorCap BRS, Friday February 8th, 2019, 09:00 – 16:00 at Nordic RSC offices in Copenhagen.
- NMEG meeting, Thursday March 21st, 2019 (starting 09:00 (CET) the first day and ending 16:00 (CET) the second day), Oslo.
- NMEG meeting, Wednesday May 15th and Thursday May 16th, 2019 (starting 09:00 (CET) the first day and ending 16:00 (CET) the second day), Edisys offices in Oslo (Munkedamsveien 3B).
- NMEG meeting, Wednesday August 21st and Thursday August 22nd, 2019 (starting 09:00 (CET) the first day and ending 16:00 (CET) the second day), Helsinki.

20 AOB

20.1 «Snabb aktiv störningsreserv»

Actions from previous meeting:

- Ove will add “D, Tertiary Disturbance Reserves” to the EDIFACT QUOTES IG, send it on circulation for comments for 14 days to NMEG and thereafter publish it.
- Ove will reserve Business Type code is **Z73** for the *Tertiary Disturbance Reserve*.
- Jan will find a definition of the code **Z73**.

Ove had added “D, Tertiary Disturbance Reserves” to the EDIFACT QUOTES IG and reserved Business Type code is **Z73** for the *Tertiary Disturbance Reserve*. Jan had found a definition of Business Type **Z73**, which was added to the Nordic CC list.

20.2 MADES with XML vs REST API with JSON

Statnett (aFRR department) has received a question related to MADES with XML vs REST API with JSON:

Why have you chosen to go with this MADES standard for integrating with the technical bidding flow, instead of a more widespread known standard such as a REST API with JSON format?

Action:

- Jon-Egil will make a draft answer for next meeting.

20.3 MNA question

From Fedder:

Triggered by recent debates in the MNA technical TF, I just had a brief discussion with Ole on what to put in the following two mandatory fields in ESMP Market documents:

- *_MarketDocument/receiver_MarketParticipant.mRID
- *_MarketDocument/receiver_MarketParticipant.marketRole.type

It is clearly wrong to use a EIC-X code of a particular party. So my suggestion is to create EIC-V (Location) codes for each service. What do you think about that?

This does leave a question on what to put in the marketRole.type. My proposal is either to create a new, generic role (Publication) or use whatever makes the most sense.

What do you think?

The expected outcome is an answer to the MNA project and a proposal to present at the CIM-EG at the end of January, to get a common understanding of how to handle the case.

In MNA it is agreed to use an EIC V-code, identifying the “system”. The topic will also be brought up at the next CIM-EG.

20.4 ECP memo

Action:

- Fedder will send the ECP memo to Ove, who will send it on editorial review to NMEG for a week.

Appendix A Addition of description of Nordic codes in urn-entsoe-eu-local-extension-types.xsd

From Jan:

At www.ediel.org we have some Nordic codes in the file urn-entsoe-eu-local-extension-types.xsd

However, looking into the one published under <https://www.ediel.org/Sider/NEGCommonDocuments.aspx>, I don't find descriptions of the codes.

If our Nordic code is not expected to be replaced by a common code (i.e. no change request has been sent in, or has been rejected), I would like to see a documentation of the code in the urn-entsoe-eu-local-extension-types.xsd

I can find the descriptions in the file <https://www.ediel.org/SiteAssets/Sider/NEGCommonDocuments/NEG%20Code%20List%20Library%20r4A%2020170419.pdf>

But some time in the future I would also suggest that the urn-entsoe-eu-local-extension-types.xsd-file includes the descriptions.

However it is not urgent, and can wait until more codes are approved and not needed as "local extensions".

From Ove:

Using `xsd:annotation` is not allowed, hence Ove proposed to use text, e.g.:

```
<xsd:simpleType name="LocalMessageType">
  <xsd:restriction base="xsd:NMTOKEN">
    <xsd:enumeration value="A01"/>
    <xsd:enumeration value="Z15"/>
    <!-- Code Name: DATCR activation, move (change) of planned
    production -->
    <!-- Code Description: A document indication a move or change of
    planned production in a Directly Activated Tertiary Control
    Reserve (DATCR) process. -->
  </xsd:restriction>
</xsd:simpleType>
```

Appendix B Codes to be updated in BRSs or are candidates for MRs

- BRS for Master Data:
 - “**Z05** Trader” is used in the Role Code. We have asked for a new Role Code for Trader in the MR NEMM 2013/113B – What is the status?
Status:
 - ***We await the ENTSO-E work on network codes***
 - “**Z01** Station Group” is used in the Object Aggregation code. Should we make a MR for it?
Status:
 - ***A06 Resource Object should be used instead***
 - **Z04** (Thermal), **Z05** (Wind), **Z06** (Hydro), **Z07** (Consumption) us used in the Asset Type code. Should we make MRs for them?
Status:
 - ***New asset types have been issued – item closed***
 - BRS for Schedules
 - The following “Business Type codes” are used:
 - Z17** Technical minimum
 - Z18** Technical maximum
 - Z38** Hydro production
 - Z39** Nuclear production
 - Z40** Thermal production
 - Z41** Wind production
 - Z42** Decentralised production
 - Z43** Gas turbine and diesel production
 - Z44** Other thermal productionShould we make MRs for them?
Conclusion:
 -
 - The following “Business Type codes” are used:
 - Z02** Frequency bias (Nordic code)
 - Z03** Frequency Containment Reserves, Normal (**FCR-N** earlier **FNR**) (Nordic code)
 - Z06** Frequency Containment Reserves, Disturbance (FCR-D earlier FDR) (Nordic code)Should we change one of them to “**A95** Frequency containment reserve” or Should we make MRs?
Conclusion:
 -**Action:**
 -
- NBS BRS:
 - “**Z05** Bilateral Trade” is used in the Process Type Code (ESS). Should we make a MR?
Action:
 -

- *“Z64 Internal trade difference, within a Market balance area, i.e. the difference between trades reported from an out party (seller) and an in party (buyer). The internal trade difference is the delta value between what is reported by the two Balance Responsible Parties”* is used in the Business Type Code. We have asked for a new Business Type Code in the MR NTC 2014/126 – What is the status?
 - Status:**
 -
- NBS BRS for TSO-MO:
 - *“Z05 Bilateral Trade”* is used in the Process Type Code (ESS). Should we make a MR?
 - Action:**
 - See NBS BRS above
 - *“Z52 Bilateral Trade”* is used in the Business Type Code (ESS). Should we make a MR?
 - Action:**
 -
 - The following “Reason codes” are used:
 - Z22** Supportive power
 - 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)
 - 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))
 - Z35** FRR-M, Special Regulation (Frequency Restoration Reserve - Manual activated reserves (FRR-M), Special Regulation where regulation does not affect the regulation price)
 - Z36** Hour Change Regulation (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)

Should we make MRs?

Conclusion:

▪

Action:

▪

- BRS for Trade:

- “Z05 Trader” is used in the Role Code. We have asked for a new Role Code for Trader in the MR NEMM 2013/113B – What is the status?

Status:

- See BRS for Master Data above

- The following “Bid Type codes” are used:

- Z01** Hourly bid
- Z02** Block bid
- Z03** Flexible hourly bid
- Z04** Profile block bid

Conclusion:

- We keep it as is?

- The following “Document Type codes” are used:

- Z03** Auction specification document
- Z05** Area specification document
- Z06** Market connection points document
- Z17** Spot Market Bid Status Report

Conclusion:

- We keep it as is?

- The following “Process Type codes” are used:

- Z01** Frequency activated reserves market
- Z02** FRR-A market
- Z03** Balance regulation market
- Z04** Reserve option market
- Z05** Bilateral trade

Conclusion:

- Should we change “Z02 FRR-A market” to “A51 Automatic frequency restoration reserve”? What with the rest?

- “Z01 Busbar” is used in the Component Type Code (type: Asset type code). However, there is “A08 Busbar” available in the ENTSO-E code list.

Action:

- We update the BRS? **Do we publish it?**

- “Z02 Split busbar” is used in the Component Type Code (type: Asset type code).

Conclusion:

- Do we keep it as is or do we make a MR?

- The following “Business Type codes” are used:

- Z02** Frequency bias (Nordic code)
- Z03** Frequency Containment Reserves, Normal (**FCR-N** earlier **FNR**) (Nordic code)
- Z06** Frequency Containment Reserves, Disturbance (FCR-D earlier FDR) (Nordic code)

Conclusion:

- See BRS for Schedules above

- The following “Business Type codes” are used:

- Z35** Commercial
- Z36** Reserve
- Z50** Commercial wind production
- Z51** Commercial consumption

Action:

- Should we make MRs?

- The following “Price Category codes” are used:

- Z01** Buying
- Z02** Selling
- Z03** Average

Conclusion:

- Should we Change “**Z03** Average” with “**A06** Average Bid Price”? What with the rest?

Action:

-

- “**Z18** Preliminary currency exchange rate. Nordic code.” Is used as “Business Type codes”.

Conclusion:

-

Action:

- We change it to “**B17** Price based on preliminary exchange rate”?

- The following “Business Type codes” are used:

- Z03** Frequency Containment Reserves, Normal (**FCR-N** earlier **FNR**) (Nordic code)
- Z06** Frequency Containment Reserves, Disturbance (**FCR-D** earlier **FDR**) (Nordic code)

Conclusion:

- See BRS for Schedules above.

- “**Z32** System price (including volume) (Nordic code)The following” is used as “Business Type codes” .

Conclusion:

- Could it be changed to “**A87** Balancing energy price”?

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

#	XML schema	BRS	Version used by				
			NBS	Energinet	Fingrid	Statnett	Svk
1.	NEG ECAN publication document	NBS BRS for TSO/MO	1.0				
2.	NEG ERRP Reserve Allocation Result Document	a) NBS BRS for TSO/MO b) BRS for Trade	1.0				
3.	NEG Area Specification Document	a) NBS BRS for Master Data b) BRS for Trade	1.0 ¹				
4.	NEG Bilateral Trade Structure Document	NBS BRS for Master Data	1.0				
5.	NEG Party Master Data Document	NBS BRS for Master Data	1.0				
6.	NEG Resource Object Master Data Document	NBS BRS for Master Data	1.1				
7.	ENTSO-E Acknowledgement Document	NEG Common XML rules and ...	6.0				
8.	ENTSO-E ERRP Planned Resource Schedule Document	NBS BRS for TSO/MO	5.0				
9.	NEG ERRP Planned Resource Schedule Document	BRS for Schedules					
10.	ENTSO-E ERRP Resource Schedule Confirmation Report	BRS for Schedules	No NEG version				
11.	ENTSO-E ESS Anomaly Report	BRS for Schedules	No NEG version				
12.	ENTSO-E Outage document	BRS for Schedules	No NEG version				
13.	NEG ESP Energy Account Report Document	NBS BRS	1.0				
14.	ENTSO-E ESS Confirmation Report	NBS BRS	4.1				
15.	ENTSO-E ESS Schedule Document	a) NBS BRS b) NBS BRS for TSO/MO	4.1				
16.	ebIX® Aggregated Data per MGA for Settlement for Settlement Responsible	NBS BRS	2013pA				
17.	ebIX® Aggregated Data per Neighbouring Grid for Settlement for Settlement Responsible	NBS BRS	2013pA				
18.	ebIX® NEG Confirmation of Aggregated Data per Neighbouring Grid for ISR	NBS BRS	2013pA				
19.	ebIX® Validated Data for Settlement for Aggregator	NBS BRS	2013pA				
20.	NEG ECAN Allocation Result Document	BRS for Trade					
21.	NEG Currency Exchange Rate Document	BRS for Trade					
22.	NEG Auction Specification	BRS for Trade					
23.	NEG Spot Market Bid Document	BRS for Trade					
24.	ENTSO-E ERRP Reserve Bid Document	BRS for Trade					
25.	ENTSO-E ERRP Activation Document	BRS for Operate					

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