Minutes: NMEG meeting **Date:** Tuesday June 20th **Time:** 10:00 – 12:00 **Place:** GoToMeeting June 20th, 2023		**NMEG** Nordic Market Expert Group	

Present: Bent Atle, Statnett (NBM)
                              Christian, Energinet
                              Jan (DK), Energinet
                              Jan (SE), Svenska kraftnät
                              Jon-Egil, Statnett (Convenor)
                              Ove, Edisys (Secretary)
                              Søren, Nordic RCC
                              Teemu, Fingrid

To (NMEG):   Anne Stine, Elhub
                              Christian, Energinet
                              Jan (DK), Energinet
                              Jan (SE), Svenska kraftnät
                              Jon-Egil, Statnett (Convenor)
                              Miika, Fingrid
                              Ove, Edisys (Secretary)
                              Pamina, Energinet
                              Teemu, Fingrid

CC: Bent Atle, Statnett (NBM)
                              Fedder, Energinet
                              Fredrik, Fingrid
                              Hans Erik, Elhub
                              Mario, Elhub
                              Tage, Energinet

To (Invited guests): Antti, eSett, FI
                              Søren, Nordic RCC
                              Tommy, eSett, FI
                              Tuomas L, eSett, FI
                              Tuomas P, eSett, FI

Appendix A: Overview of Nordic memberships in international standardisation bodies
Appendix B: 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:

- Changing from QUOTES to XML for FCR in Sweden, see item 6.2.
- New NMEG/2023-209, increase cardinality between RegisteredResource – MarketParticipant, see item 7.1.
- Review of comments to NBS BRS for master data, see item 8.5.

2   Approval of previous meeting minutes

The previous meeting minutes were approved.

3   Resolve matters related to close down of ebIX®

Background: ebIX® Forum decided at their meeting March 21st to prepare a plan for the closing of ebIX® by the end of 2023. The close down was confirmed at an ebIX® Forum meeting May 30th.

References (links):

**What to decide,
discuss or inform:**   Discuss and resolve possible consequences NMEG.

3.1   Could NMEG publish ebIX® documents after the close down of ebIX®?

From Anne Stine May 31st:

> I just received input from my colleague Jon-Egil Nordvik, who is the Statnett representative to the NMEG group (Nordic Market Expert Group), regarding storage of ebIX documentation. He suggested the EU DSO group, but if that turns out negative, then the NMEG group could be an option?

Response from Jan (SE) May 31st:

> Purely "physically" (digitally) we can certainly find space on the www.ediel.org for a subdirectory "ebIX documents from 2023", or "ebIX documents archive" if it should become relevant.

> It's probably not that many gigabytes of data either.

> But the first choice should be the EU DSO Entity.

ebIX® has added the proposal as backup alternative in the ebIX® close down plan.

The information was taken ad notam – item closed.

4   Status from NEX (Nordic ECP/EDX Group)

Background: NIT has taken over the responsibility for NEX (Nordic ECP/EDX Group), former "ECP/EDX Centre of Excellence". However, the group is still below NMEG in the "formal hierarchy". NMEG will be kept informed of progress in the group.

References (links):

**What to decide,
discuss or inform:**   Status from NEX.

Jon-Egil informed that NEX is working on assessment of 99.9% up-time, which is required from NBM.

5   Nordic RCC

Background: The Nordic RCC is working on TSO data exchange regarding Long-term Capacity Calculation process and need changes to ESMP and CIM.

References (links):   None.

**What to decide,
discuss or inform:**   Update of ESMP and CIM based on Nordic RCC needs.

No news reported.

6   Support to the NBM project – prioritised item

Background: The NBM-project (Nordic Balancing Model) is going forward and there is a need for a number of new CIM based documents.

References (links):   http://nordicbalancingmodel.net/

What to decide,
discuss or inform: Status for the NBM project and possible task for NMEG.

6.1   Update of NMEG BRSs based on NBM input

There are currently no BRSs that needs update.

6.1.1   CIM master data documents for NBM based on NBS master data documents

The item is handled by NMEG CIM-XML subgroup, see item 12.

Continued action:

- Jon-Egil will investigate within CIM WG if they have a good place for "ECP endpoint", "EDX service" and "Allowed email domains: string"
- Jan (SE) will investigate within WG16 if they have a good place for "ECP endpoint", "EDX service" and "Allowed email domains: string"

6.2   Changing from QUOTES to XML for FCR in Sweden

From Jan (SE):

From next year we will move from QUOTES to (what we presume) the same type of bid format that we now use for aFRR and mFRR. I.e., Reserve Bid Document.

In the QUOTES-message we are, in Sweden, specifying in the BGM segment which market the bid is sent for. See https://ediel.org/wp-content/uploads/2019/02/QUOTES-v3r3B-20181206.pdf. We are using the code SD1 and SD2 in BGM. Originally that meant "Day-1" and "Day-2" markets. But now SD2 stands for the first "procurement". And SD1 stands for the second one. (Not any longer closed day-2 and day-1 before "day-0", but closed later, but we did not change the codes in the QUOTES message.)

My question is now, where in the XML-message (CIM based) should we specify if the bid is sent for the first market or for the second one? Is it the auction.mRID attribute to be used for that? Or some other attribute? And which codes (or rather Identifiers if using mRID)?

Response from Ove:

To me it looks like the auction.mRID is the correct placement. The auction.mRID is of type ID_String, which has the following definition:

A code to uniquely distinguish one occurrence of an entity from another.

In the ESMP context, the code is defined either by:

- an emitting company that provides an agreed identification unique within a business context **such as capacity auction identification, market agreement identification, etc.**

- - a party (originator of the exchange) that provides a unique identification in the framework of a business exchange such as document identification, time series identification, bid identification, ...

An alternative to using the auction.mRID is using the MarketAgreement.type:
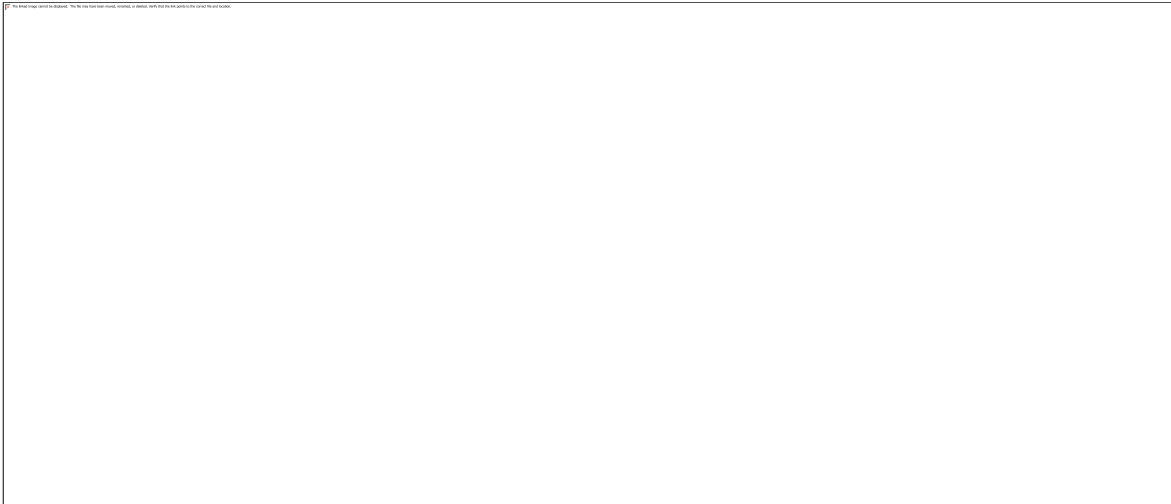
Her the following codes are available:

Code	Title	Description
A01	Daily	The condition under which capacity is allocated and handled is by daily auction or a daily transmission allocation procedure.
A02	Weekly	The condition under which capacity is allocated and handled is by weekly auction or a weekly transmission allocation procedure.
A03	Monthly	The condition under which capacity is allocated and handled is by monthly auction or a monthly transmission allocation procedure.
A04	Yearly	The condition under which capacity is allocated and handled is by yearly auction or a yearly transmission allocation procedure.
A05	Total	This is the sum of all capacity contract types for the period covered.
A06	Long term contract	The condition under which capacity is allocated and handled is by long term trade agreements according to European regulations (EU Directive 1228/2003).
A07	Intraday contract	The condition under which the capacity is allocated and handled is through an intraday auction and allocation process.
A08	Quarter yearly	The condition under which capacity is allocated and handled is by quarter yearly auction or a quarter yearly transmission allocation procedure.
A09	Semestrial	The condition under which capacity is allocated and handled is by half yearly auction or a half yearly transmission allocation procedure.
A10	Multiple year	The condition under which capacity is allocated and handled is by multiple year auctions.
A11	Intraday balancing mechanism	The condition under which the capacity is allocated and handled is through intraday energy balancing services.
A12	Historical contract	A Contract established before the EU directive that are valid until the term of the contract.
A13	Hourly	The condition under which capacity is allocated and handled is by hourly auctions.

But then you need a mRID of the "agreement" also.

Response from Jon-Egil:

I this case one probably should use the MarketAgreement.type since the auction.mRID usually should identify a specific auction i.e. the first procurement 1/1-1970.

Response from Jan (SE):

I agree that "auction.mRID" should rather be implemented the way Jon-Egil describes, however there you for the aFRR and mFRR bids find:

> AFRR_CAPACITY_MARKET
>
> > and
>
> MFRR_ENERGY_ACTIVATION_MARKET

those "constants" are not telling a specific auction.

For MarketAgreement.type there is a code list from ENTSO-E (see below) telling if it is a daily auction, an hourly auction, an intraday auction etcetera. Not if it is the first or second auction (within the day, or the set of days).

A better option could be to use the status attribute (datatype: Auction_Status).

Among the possible codes there are two interesting ones:

> **A61** Primary market
>
> > and
>
> **A62** Secondary market

However, the description of A61 tells "A value is traded for the first time." What does that mean? Is an actor trading a "value"? And does he trade that same value several times?

A fourth option is to use the Reason.code attribute. There we have four Nordic codes that may be used for this situation:

> **Z42** FCR – N, late (earlier called "D-1")
> **Z43** FCR – N, early (earlier called "D-2")
> **Z46** FCR – D, late
> **Z47** FCR – D, early

From discussions during the NMEG meeting:

- Jan (SE) informed:

  Marginal price fixing will start latest by February 1st, 2024

  The shift to marginal pricing means changes for FCR providers. Today's system support for procurement of FCR does not support margin pricing and therefore the procurement will move to a new platform, Fifty Nordic MMS. This also entails a transition to bids according to CIM via ECP.

- Jon-Egil informed that new codes for ID1, ID2 and ID3 (Intra Day 1-3), to be used in the MarketAgreement.type attribute, is expected agreed by CIM WG at their meeting tomorrow and Thursday.

- A Finnish Implementation Guide for FCR was reviewed, see Implementation Guide FCR.

- It was noted that NBM uses Message type "**B40** Complete set of bids", which is missing in the NMEG BRS for the Nordic trading system.

- Bent Atle presented the following sequence diagram:
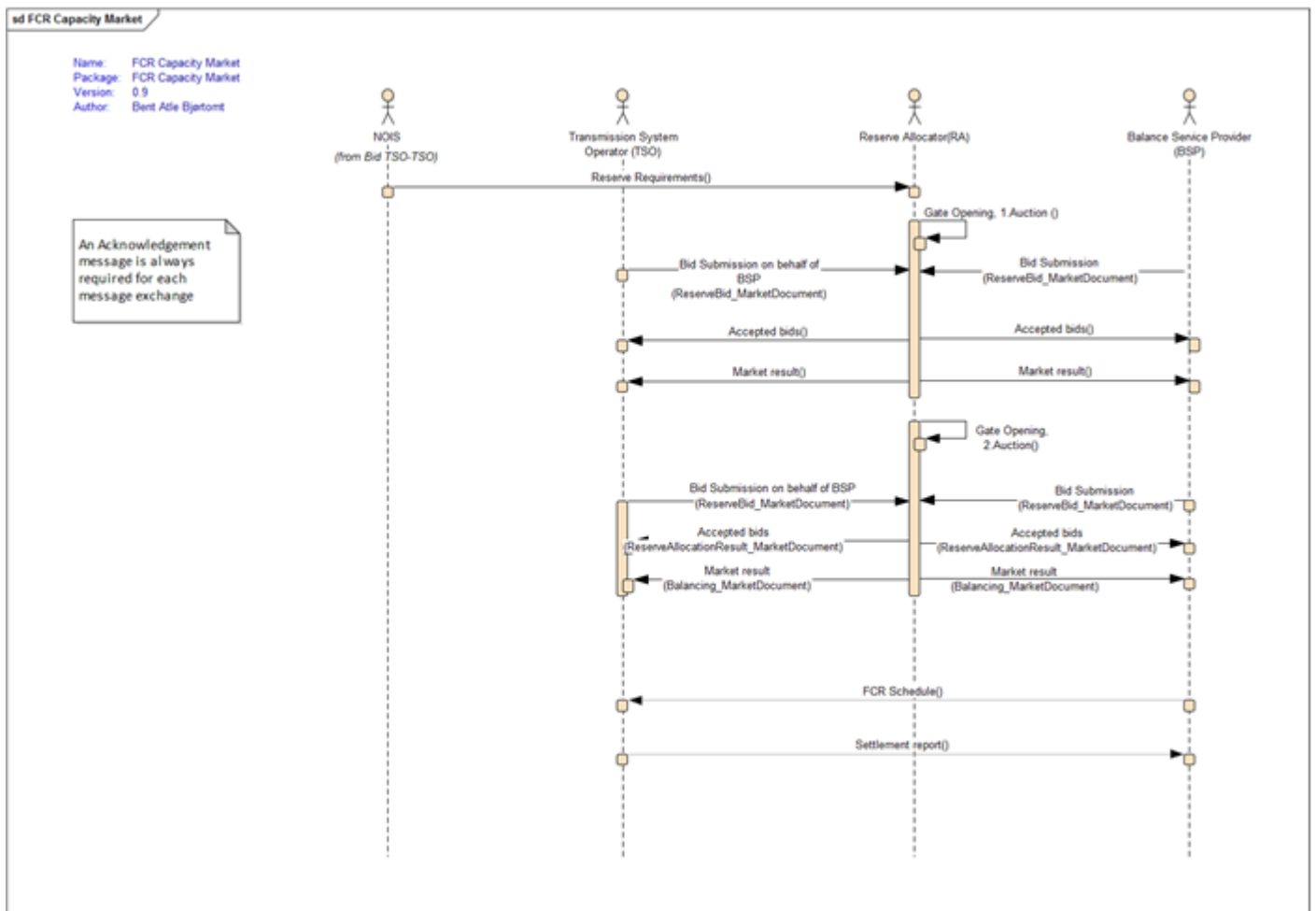
Conclusion:

- We use the MarketAgreement.type attribute with the following two new Nordic Contract types:

    Z01   First auction
    Z02   Second auction

- The discussions will continue Monday June 26th, 09:00 – 10:00.

Action:

- Ove will update the BRS for Nordic trading system with new MarketAgreement.type codes.

- Addition of an item in the next NMEG agenda regarding usage of Message type "**B40** Complete set of bids" to the Reserve Bid Document in BRS for trade, which is used by NBM.

7   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 CIM WG.

References (links):   The MRs can be downloaded from Statnett's eRoom.

What to decide, discuss or inform: Review and update of statuses in NMEG MR Overview document.

Status:

MR #		Status
NMEG 2022/201	Rename Asset Type **B25** to "**B25** Permanent energy storage"	*20220321:* • Sent to Jon-Egil for forwarding to CIM WG *20220823:* • Forwarded to WG16, proposed having permanent and temporary as separate codes in PSRType. *20221006*: • Ongoing *20230124*: • Still ongoing *20230222*: • *Action:* Jon-Egil will ask Alvaro for a status. *20230411:* • Continued action for Jon-Egil: to ask Alvaro for a status.
NMEG 2022/202	Add Asset Type "**B??** Temporary energy storage".	*20220321:* • Sent to Jon-Egil for forwarding to CIM WG *20220823:* • Forwarded to WG16, proposed having permanent and temporary as separate codes in PSRType *20221006*: • Ongoing *20230124*: • Still ongoing *20230222*: • *Action:* Jon-Egil will ask Alvaro for a status. *20230411:* • The MR was revied and updated. • *Action:* Jon-Egil will re-submit the MR to CIM WG.
NMEG 2022/205 (CIM WG)	Addition of a Category attribute to TimeSeries in IEC62325 and ESMP	*20220907:* • Forwarded by Ove to Jon-Egil for submission to CIM WG *20221006*: • Ongoing *20221031:* • The MR is awaiting approval in the ENTSO-E ESMP SG before it is sent to CIM EG, hence it will probably still take a few weeks before it is handled *20230124*: • Not agreed – Jon-Egil, Jan (SE) and Alvaro will draft a new proposal. • To be continued *20230222*: • Ongoing *20230411*: • Ongoing
NMEG 2023/206 (CIM WG)	Change version number for documents where Measure_unit is used in ESMP	*20230126:* • Sent to Jan (SE), Bent Atle and Jon-Egil for QA before submission to CIM WG. *20230222*: • Ongoing *20230411*: • The MR was revied and updated. • *Action:* Jon-Egil will submit the MR to CIM WG.

MR #		Status
NMEG 2023/207 (CIM WG)	Add version number to the class diagrams in ESMP	**20230126:** • Sent to Jan (SE), Bent Atle and Jon-Egil for QA before submission to CIM WG. **20230411:** • The MR was revied and updated. • **Action:** Jon-Egil will submit the MR to CIM WG.
NMEG 2023/208 (CIM WG)	Add New Asset types (psrTypes) - based on rejected MR 197.	**20230308:** • Sent to Jan (SE) and Jon-Egil for QA before submission to CIM WG. **20230411:** • The MR was revied without any changes. • **Action:** Jon-Egil will submit the MR to CIM WG.

Postponed.

7.1 New NMEG/2023-209, increase cardinality between RegisteredResource – MarketParticipant

On request by Jan (SE), a MR (NMEG/2023-209) has been drafted for increasing the cardinality between RegisteredResource and MarketParticipant, at the MarketParticipant side, in IEC 62325-301 and add the association between RegisteredResource and MarketParticipant to IEC 62325-351 (ESMP).

From Jan (SE) June 1st:

In CIM, it looks like this:

A RegisteredResource, e.g. a Station Group has a BRP today and a BSP tomorrow. And a FSP the day after tomorrow...

But in CIM you can only tie one MarketParticipant to a RegisteredResource.

Additional actors I would like to associate with a RegisteredResource are e.g.: who is the reporter of measured data for the resource? The GAP?

And further: Who owns the RegisteredResource (e.g. who owns the batteries, the wind farm, ...)? Who reports information about the RegisteredResource to us? Who determines the identity of the RegisteredResource?

Not all actors need to keep track of all actors (roles) linked to a RegisteredResource, but I think we agree that there is more than one.

Is there, or can we write, an MRI about this?

From Jan (SE) June 2dt:

I raised this yesterday at the WG16 meeting. See attached presentation .

Becky mentioned that it has previously been up that the association should be updated, but there was then no concrete use case as I interpreted it, but it was more just that the question was raised at some meeting (probably a meeting in WG21).
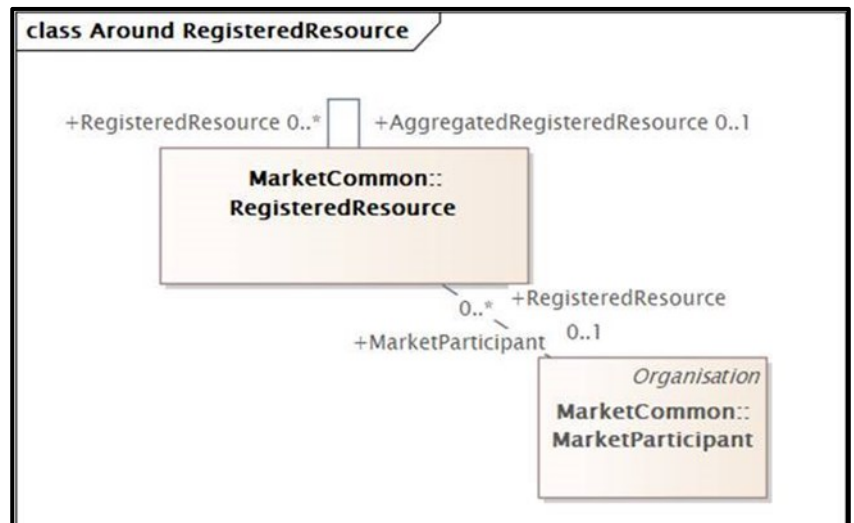
Some notes regarding Registere

From the last slide in my presentation, it appears that ESMP only includes a small part of what is now available for RegisteredResource (and its subclasses) in CIM. Here I think that the work that is now being done on "Demand response", especially in EG1, should examine: is what we want to send about a resource now included in the CIM? In the published standard it is not included, the changes in CIM are new.

I think I can send an email to the group that is part of "MasterData" WS in EG1, with a copy to Rolf Apel (chairman of "Demand response" WS), with a description of parts of what is now in CIM developed by WG21, focusing then on the basic information available about resources in CIM.

MR agreed – Jan (SE) will do a QA and Jon-Egil will submit to CIM for retail market wg.

Item closed.

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

Background: NMEG is responsible for a set of BRSs that are published at www.ediel.org.

References (links):   None.

**What to decide,
discuss or inform:**   Update of BRSs and other documents if needed.

8.1   *Exchange of settlement information between the Nordic TSOs – prioritised item*

Background: Svenska kraftnät is using an older ebIX® based xml document towards two TSOs and plan using a newer ebIX® and CIM based document towards a third TSO. The codes used for the two older xml exchanges are ebIX® codes, while the third TSO wants to use ENTSO-E codes.

An alternative is using the EAR (Energy Account Report) document, which among others is used between Energinet and TenneT and expect it to be used for the Viking-link.

References (links):   None.

**What to decide,
discuss or inform:**   Assuming we (the Nordic countries) will use EAR (in a CIM version) for most of our exchanges of settlement information between the TSOs, can we agree upon some common codes and usages of that message, instead of having bilateral agreements? And since eSett also is using that message (a namespaced version of the ENTSO-E ESP Energy Account Report version 1.2) it would be relevant to get input from eSett regarding their possible updates and change to CIM.

Bilateral discussions between Denmark and Sweden have just started, perhaps that should be "part of" a more general Nordic discussion, and documentation, of how to exchange settlement information?

At the NMEG meeting in November, it was proposed to add an in_Area and an out_Area to the EAR document. Alternatively it may be an option using the ERRP Allocation Result Document.

Since we will do updates due to changes from 60 minutes to 15 minutes resolution, why not also do something about the exchange of e.g. MSCONS messages to something more modern".

See documents from Jan (SE):
- PowerPoint presentation "Settlement information between TSOs.pptx", which was distributed to NMEG February 28th, and redistributed October 6th.
- Excel sheet showing settlement related information exchanges with the following columns: "Description", "Per (MP, SO…)", Unit, Partis for Svk exchange" and "Comments Svk", distributed June 2nd, and redistributed October 6th.

From discussion:
- Jan (SE) has started to look for Business types to be used.

Conclusion:

- This will be a main focus item at our next physical NMEG, August 29th and 30th.

- The document to replace MSCONS will be prepared by NEMG CIM XML Subgroup, i.e. investigate the EAR and the FSKAR documents to see if they are suitable for the exchanges.

Continued action:
- Someone from Denmark (Jan (DK) will find out who in Denmark) is asked to fill in the Excel sheet from Jan (SE) with today's exchanges and the content (information) behind it.

8.2   Intraday Auctions (IDA) and Ediel ECAN Publication Document (in NBS-BRS for TSO-MO)

From Tuomas:

In eSett we have a need to enable also Intraday Auction Prices in the document, so this would require a new Business Type code for it. There wasn't any direct match for it in the code list.

However, the issue is that there are currently three IDAs planned, meaning that there will be three price timeseries as well. So, we would need a way to distinguish IDA1, IDA2 and IDA3 somehow within the document.

Alternatives may be to use the Allocation ID, Allocation Type or Contract Type; however, this must be investigated and if applicable we should follow the solution used by the IDA project.

Tuomas informed April 17th that the following roles are sending and receiving the Ediel ECAN Publication Document today:

Basically, eSett allows all market participants to request in xml format (NEG (based on ENTSO-E ECAN) Publication Document) any price data that is available and displayed in the settlement system for users. So, the sender is eSett ("A05" – Imbalance Settlement Responsible) and receiver is any of the following:
- "A12" – Retailer (Balance Supplier)
- "A08" – Balance Responsible Party (BRP)
- "A09" – Distribution System Operator (Grid Operator)
- "A04" – Transmission System Operator (TSO)
- "A46" – Balancing Service Provider (BSP)

However, this is not in line with the BRS. Shall we update the BRS?

Jon-Egil had as action verified with the IDA project how this is exchanged today. He has suggested for the IDA project to use the marketAgreementType in the Schedule document for a similar purpose. This will be delt with in a meeting June 1st. **If Jon-Egil's proposal is accepted, we will suggest using the contractType attribute in the Publication document using the codes ID1, ID2 and ID3.**

The new codes are expected approved by CIM WG tomorrow or the day after.

The item will be a prioritised item at the NMEG meeting August 29th and 30th.

8.3   Update of NBS BRS with the option of sending negative losses

Status for update of NBS BRS, "5.2 NEG (ebIX® based) Aggregated Data per MGA (E31, E44) – consumption":

a) Shall we remove the note saying that quantity can be negative for Business Type **A07**:
   Note:
   - Business type "**A07** Net production/ consumption" ***uses signed values, i.e. will be negative when pumping.***
   Continued action:
   - Jon-Egil will verify if Norway is sending negative **A07**

b) Can we Replace Process Type "**Z05** Bilateral Trade" with "**A59** Internal trade reporting"

- To be investigated when we can Replace Process Type "**Z05** Bilateral Trade" with "**A59** Internal trade reporting" in NBS BRS, "5.2 NEG (ebIX® based) Aggregated Data per MGA (E31, E44) – consumption".

  From Tuomas November 17th, 2022:
  We'll most likely need a transition phase (several months) where BRPs may use either old code **Z05** or new code **A59** as sudden 'forced' go-lives have proven to be difficult.

  - This might not need to impact the BRS, but only eSett on a system level.
  - 'A forced go-live' is however necessary for reporting from eSett back to market parties, as we need to decide which code we should apply during different time frames.

  I support that we'll do this change, but first we'll need to plan it, communicate it clearly to market and give them enough time to react and adjust on their end.

Ove had as action asked Tuomas for a plan regarding item b) above, i.e. for when we update the NBS BRS and when the transition period will be, with the following response:

We discussed the topic of process type change together with our TSO expert group on 9th of February.

It was concluded that the change can be done earliest in H1/2024 and in two phases with adequate transition period. Transition period meaning in this case that both Z05 and A59 are supported during some interim period.

There were remained some open questions as some of the TSOs need to discuss both internally and with their vendors before committing to a more detailed time plan.

Hopefully, I can get back to this topic with more accurate plans soon once we have received replies from the TSOs.

Conclusion from meeting February 22-23, May 23rd and June 20th, 2023:
- We must await more info from Tuomas.

8.4   Status for new Nordic extended Schedule Outage Market Document

Nothing new.

8.5   Review of comments to NBS BRS for master data

Tuomas has reviewed the NBS BRS for master data document and has added some comments and proposals for the Sequence diagram and Table in the chapter "2.3.2 NBS Master Data exchange phase – Distribute master data". Main thing is that in many flows the table and diagram point to BSP when they should point to BRP.

The comments from Tuomas were revied and agreed.

Action:

- Ove will update the BRS NBS BRS for master data and publish it.

Item closed.

9   Status for Swedish Flexibility project

Background: Sweden has two ongoing "Flexibility projects" that now want to use CIM based messages for the exchanges to/from the flexibility platforms. Among others one called Stockholm flex where Vattenfall is candidate for making CIM documents for the project(s).

To keep document exchanges as harmonised as possible in the Nordic countries, NMEG has offered them NMEGs help in making the needed CIM based xml schemas.

References (links):   None.

What to decide,

discuss or inform: Status report from Jan (SE).

Nothing new.

10   Common European Area project

Background: ebIX® has proposed a project plan for a common European Area project. ebIX®, ENTSO-E (CIM WG) and ENTSOG has confirmed participation and the new EU DSO Entity is trying to fine member(s).

References (links):

**What to decide,
discuss or inform:** Status for the project.

Nothing new.

11   XML schemas

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

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.

References (links):

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

Ongoing task:
- All 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 added to Appendix B and be published at www.ediel.org.

- Ove will update the table based on NBM documentation received from Bent Atle (NBM/Fifty), when the NMEG BRSs are updated with NBM documents.

12   NMEG CIM-XML Subgroup

Background: At the NMEG meeting November 2019, it was agreed to establish a NMEG CIM-XML Subgroup that will make Nordic CIM based XML documents. The following tasks are prioritised (updated at NMEG meeting March 2020):

    a) Update the NMEG model with the latest ebIX® extension.
    b) Make a road map for making CIM documents for the Danish Datahub version 3.0.
    c) Continue with NBS documents:

        1. NBS ebIX® based documents.
        2. NBS documents based on older ENTSO-E schemas.
        3. NBS master data documents.

The members of NMEG CIM-XML Subgroup are Christian, Jan (DK), Jan (SE), Teemu and Ove.

References (links):

**What to decide,
discuss or inform:** Status for looking into making CIM based document to replace the ebIX® XML documents used towards eSett today.

12.1 CIM master data document for NBM

Status for update of "Memo - CIM version of Party Master Data Document" by NMEG CIM-XML Subgroup.

12.2 CIM for NBS

The NMEG CIM-XML Subgroup has made a proposal for how to migrate from old ebIX® documents to CIM documents for the NBS ebIX® based documents.

Interim conclusions (to be discussed in NMEG):
- Validated data for settlement for Aggregator:
  - The best alternative seems to be basing the document on the **Error! Reference source not found.**, see **Error! Reference source not found.**. However this is a Nordic document, and it may require some efforts to get it approved by ENTSO-E.
  - The second-best alternative seems to be sending a set of MRs for update of the **Error! Reference source not found.**, see **Error! Reference source not found.**.
- Aggregated data per MGA:
  - It doesn't seem to be any existing CIM documents that fits the need; hence we will probably have to make our own Nordic CIM document, see proposal in **Error! Reference source not found.**.
- Aggregated data per neighbouring grid
  - Of the existing ENTSO-E alternatives, the FSKAR document seems to be closest to the NBS need.
  - Suggest discussing in NEMG if should continue with the Nordic document made for the Danish DataHub or try to update the FSKAR document.
- Confirmation of aggregated data per neighbouring grid
  - The confirmation of aggregated data per neighbouring grid document has exactly the same attributes and associations as the Aggregated data per neighbouring grid, hence we should use the same document, possibly with a different document type.

From first brief discussion in NMEG February 23rd:
- We should avoid using the RGCE document, since this is a specific RGCE document.
- For Aggregated MGA data, we should investigate the EAR document.

To be continued

13 Addition of an "archive folder" at Ediel.org

The item was postponed.

14 Review of documents from CIM WG subgroups and IEC groups

Background: At the NMEG meeting August 2020 it was agreed that NMEG needs to be more proactive regarding commenting on new ENTSO-E and IEC documents. Hence it is added a fixed item on the NMEG agenda for review of documents from CIM WG subgroups and IEC groups that is of interest for the Nordic market.

References (links):

**What to decide,
discuss or inform:**   Review of documents from CIM WG subgroups that is of interest for the Nordic market.

14.1 Prepare Nordic positions before coming CIM WG meetings

Nothing to prepare.

15   Information (if any)

Nothing reported.

16   Next meetings

NMEG:

- Monday June 26th, 09:00 – 10:00, GoToMeeting, dedicated to review of FCR (Reserve) Bid Document.
- August 29th and 30th, 09:00 – 16:00 (both days), Copenhagen
- October 5th, 10:00 – 15:00, GoToMeeting
- October 31st and November 1st, 09:00 – 16:00 (both days), Oslo

NMEG CIM XML subgroup:

- Wednesday June 28th, 13:00 – 15:00, GoToMeeting
- Tuesday July 4th, 10:00 – 12:00, GoToMeeting
- Tuesday August 22nd, 10:00 – 12:00, GoToMeeting

17   AOB

No items.

Appendix A Overview of Nordic memberships in international standardisation bodies

Name	Member of
Anders (SE)	CGMES, ESMP
Anne Stine	NMEG, ebIX®
Christian	NMEG, ebIX® observer (?)
Fedder	NMEG, CIM WG, IEC/WG16, CSSG, EEAT, ENTSO-E CIM tools, CIO/LIO
Jan (DK)	NMEG, IEC/WG16
Jan (SE)	NMEG, HG, ebIX®, IEC/WG16+14, ESMP, TFD, TK57
Jon-Egil	NMEG, CIM WG, IEC/WG16, ESMP, CCC, CIO/LIO, NEK, TPC, TFD
Martin (SE)	CCC
Miika	CIM WG, NEX
Moustafa (SE)	CGMES
Oscar	CIO/LIO, ebIX®, CIM WG, TK57
Ove	NMEG, HG, ebIX®, IEC/WG16, NEK
Svein (NO)	IEC/WG14+13, CGMES
Teemu	NMEG, CIM WG, EBG, ETC, CIO/LIO

Abbreviations:

CCC	Coordinated Capacity Calculation (project under CIM WG)
CGMES	Common Grid Model Exchange Standard (subgroup under CIM WG)
CIO/LIO	Central Issuing Office / Local Issuing Office
CSSG	Communication Standards (subgroup under CIM WG)
Dc	ENTSO-E Digital committee
EBG	ebIX® Business Group
EEAT	ENTSO-E Enterprise Architecture Team (subgroup under Dc)
ESMP	European Style Market Profile (subgroup under CIM WG)
ETC	ebIX® Technical Committee
HG	ebIX®, EFET and ENTSO-E Harmonisation Group
MC	ENTSO-E Market Committee
MIT	Market Integration and Transparency (subgroup under MC)
NEK	Norsk Elektroteknisk Komite
NEX	Nordic ECP/EDX Group
TFD	ENTSO-E Task Force Data Interoperability and Access,
TK57	Teknisk Kommitté 57
TPC	Transparency Platform Coordinators (subgroup under MIT)

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

#	XML schema	BRS	Version used by					
			NBS	NMA	Energinet	Fingrid	Statnett	Svk
1.	NEG ECAN publication document	NBS BRS for TSO/MO	1.0					1.0, 7.0
2.	NEG ERRP Reserve Allocation Result Document	a) NBS BRS for TSO/MO b) BRS for Trade	1.0					1.0
3.	NEG Area Specification Document	a) NBS BRS for Master Data b) BRS for Trade	1.0[1]	2.0 (CIM)				
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					7.0 (not complete)
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					5.0
15.	ENTSO-E ESS Schedule Document	a) NBS BRS b) NBS BRS for TSO/MO	4.1					5.0
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						1.0
25.	ENTSO-E ERRP Activation Document	BRS for Operate						5.0 (not complete)

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[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.

26.	Capacity Market Document	????						**7.1, 8.0**