


<b>Minutes:</b> NMEG meeting <b>Date:</b> Tuesday December 15 <sup>th</sup> <b>Time:</b> 10:00 – 12:00 and 13:00 – 15:00 <b>Place:</b> GoToMeeting	 <b>NMEG</b> Nordic Market Expert Group
December 23 <sup>rd</sup> , 2020	

**Present:**

- Bent Atle, NBM (Edisys)
- Christian, Energinet (in the afternoon)
- Jan (DK), Energinet
- Jan (SE), Svenska kraftnät
- Jon-Egil, Statnett (Convenor)
- Miika, Fingrid
- Mika, eSett, FI
- Ove, Edisys (Secretary)
- Tage, Energinet
- 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)
- Tage, Energinet
- Teemu, Fingrid

**CC:**

- Audun, Elhub
- Bent Atle, Statnett (NBM)
- Fedder, Energinet
- Hans Erik, Elhub
- Minna, Fingrid

**To (Invited guests):**

- Mika, eSett, FI
- Tommy, eSett, FI
- Tuomas L, eSett, FI
- Tuomas P, eSett, FI

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

**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:

- New Reason Code for NBS BRS for TSO-MO, see item 9.2.
- CIM mapping questions for NMEG, see item 16.4.
- Naming of UnitSymbol in ESMP, see item 18.1.

## 2 Approval of previous meeting minutes

The minutes from previous meeting were approved.

### 3 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.

Miika informed:

NEX is planning to have a common set of rules (Terms of Use) document to be used by each TSO.

That should describe basic set of rules and responsibilities when a market participant is joining the Nordic ECP Network (NEM).

Since a lot of participants are joining the network from different business areas, there is a need for this.

**Continued action:**

- NEX will investigate if NEX should have their own folder at [www.ediel.org](http://www.ediel.org), like the NBS (eSett) folder.

### 4 NMEG-NORCAP Project

**Background:** NORCAP is a project run by Nordic RSC that needs a set of new CIM based documents, such as the CRAC document and the SIPS document.

**References (links):** None.

**What to decide, discuss or inform:** Update of the NorCap BRS.

**Ongoing task:**

- Jon-Egil will inform Ove of which documents that will contain the new resolution (P1D)
- Thereafter Ove will update the BRS and upload it to Statnett's eRoom

### 5 Status for a common meeting with NEAT

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

**References (links):** None.

**What to decide, discuss or inform:** Status for a common meeting with NEAT.

**Ongoing task:**

- Jon-Egil will check if it still is any interest for a common meeting with NEAT and if so, schedule a common meeting.

## 6 Support to the NBM project

**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.

**Pending list (to remember items):**

- NBM ACE OL documents and Measurement Value Market Documents will be added to the Nordic Operate BRS.
- NBM Capacity Market Documents will be added to the BRS for Determine Transfer Capacity.
- NBM “Reserve Bid Market Document (Plan mFRR Bid)” will be added to the BRS for schedules, the BRS for Nordic Trading System or elsewhere – to be decided.

## 7 MR to ebIX® (EBG) for extended association between MktActivityRecord and DateAndOrTime

**Background:** A request for addition of an association to a “Supply Start Date” related to the Energy Supplier in an AP in the Alignment of AP characteristics process (based on Danish needs) was discussed at an ETC meeting Tuesday September 15<sup>th</sup>.

- It was agreed that the requirement should be sent to EBG and added to the ebIX® BRS(s) before a MR is sent to IEC.
- It was also noted that there already is a need for more than one association between MktActivityRecord and DateAndOrTime, according to the latest BRS for Alignment of AP characteristics. I.e. a Snapshot Date and a Validity Start Date.
- Hence, Jan (SE) and Ove got the following action from ETC:
  - Jan (SE) and Ove will investigate why we need the Supply Start Date and write a MR to EBG. The MR will include the text:

*“In the Nordic countries we need the start date for the current supplier in addition to the Validity Start Date for the set of AP characteristics”.*

**References (links):** None.

**What to decide, discuss or inform:** Making a MR to ETC.

**Status:**

- The “Start of delivery date” is part of a response from a request for upfront AP characteristics, requiring a consent from the Customer.

**Action:**

- Jan (SE) and Ove will make a MR to EBG asking for an association named “Supply Start Date” related to the Energy Supplier in an AP in the Consented request for AP characteristics process (based on Swedish needs).

**8 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.

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

**What to decide, discuss or inform:** Review of the MRs left from previous meeting.

Status for MR NMEG/2020-187 Asking for addition of Process Type in the Market Document class and changing the order of the attributes in the Series\_Period class in the Energy Prognosis Document.

**Continued Action:**

- Jon-Egil will verify with CIM EG what the status is for MR NMEG 2019/178, where only one out of three codes have been added to the ENTSO-E code list:

NMEG 2019/178	Code List	Add new Unit Symbol codes:	
		HTZ	The UnitSymbol for metered frequency (HTZ unit as per UN/CEFACT recommendation 20)
		<del>MVA</del>	<del>megavolt ampere (MVA unit as per UN/CEFACT recommendation 20)</del>
		DD	degree (unit of angle) (A unit of measurement of angles expressed in a 0 to 360 degree gradient)

**9 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](http://www.ediel.org).

**References (links):** None.

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

**9.1 BRS for Nordic Trading System**

**Ongoing task until for a FDIS is available:**

- Jan (SE) and Jon-Egil will continue discussion in CIM EG how to cancel a bid in the Reserve Bid Document. In the IEC document 57\_2196e\_CDV for 62325-451-7 it is stated that when cancelling a bid all the periods below the Time Series shall be removed, which is impossible as long as the Series\_Period class is required. **Waiting for FDIS.**

Ove had as homework:

- Removed the two older versions of the “NEG Schemas for Market Operator” and remove the NEG Spot Market Bid Document from the remaining “NEG Schemas for Market Operator” zip-file at [www.ediel.org](http://www.ediel.org).
- Made a MR asking (NEMG 2020-188) for addition of an Asset Types to the Reserve Bid Document and addition of the following new Asset Type codes:
  1. Aggregate commercial heat load (heat pumps in office buildings)
  2. Aggregated electric vehicle chargers (mainly commercial but also private)
  3. Aggregated private heat pumps
  4. Reserve power
  5. Cogeneration (Combined Heat and Power)
  6. Commercial load (industry)
- Updated the BRS for Nordic Trading System, including:
  - Replacing the Area Specification Document with the latest Area Configuration Document.
  - Updated all “old non-CIM” documents to CIM versions.
  - Removes the NEG Spot Market Bid Document.

Tage, Jan (SE) and Miika had verified the following Business Types are used in the ERRP Reserve Bid Document:

<b>Z35</b>	Commercial
<b>Z36</b>	Reserve
<b>Z49</b>	Commercial production
<b>Z50</b>	Commercial wind production
<b>Z51</b>	Commercial consumption

**Status:**

- **Z49**, Z50 and Z51 are used in Denmark
- **Z35** and Z36 are used by NOIS

**Conclusion:**

- The codes are kept. Item closed.

**Action:**

- All are asked to revise the latest draft and the comments within (see [NMEG working documents](#)).

## 9.2 New Reason Code for NBS BRS for TSO-MO

Mika had informed that it has come to eSett’s knowledge, that Energinet is starting to purchase FFR (Fast Frequency Reserves) capacities on hourly basis from March/April 2021 onwards. Therefore, there is a need for a new Reason Code to be added to NBS BRS for TSO-MO (*Ediel ERRP Reserve Allocation Result Document*).

A new Reason Code **Z56** FFR was added to the NBS BRS for TSO-MO version 2.4.C. For version 2.5.A (to be published when agreed by eSett, also the Business Type Z85 was added.

**Action:**

- Ove will send version 2.4C on circulation for comments to NMEG for one week of commenting before publishing it.
- Ove will update the dependency matrix in version 2.5.A and sent it to Mika.

- Ove will update the NMEG code list and publish it.

Item closed.

## 10 Resolution for timeseries with only one observation

**Background:** Jan (SE) asked what resolution to use for timeseries with only one observation. This is typically a problem for weather data, e.g., for a single temperature.

If you want the time stamp on a minute resolution, Jon-Egil suggest using a resolution of one minute and specifying the time stamp as the start date/time and having a curve type “A02 point value”.

**References (links):** None.

**What to decide, discuss or inform:**

**Continued action:**

- Jan (SE) will verify if the solution for a resolution for timeseries with only one observation is satisfactory:
  - o If yes, Ove will add the rule to NMEG Common rules and recommendations.

## 11 Best practice for version numbering

**Background:** Fedder has a task in CIM EG to come up with a best practice for version numbering, however delegated to Tage. It seems that the conclusion may be that also the Nordics will start using the version.

**References (links):** None.

**What to decide, discuss or inform:** Review of “Best practice for version numbering document”. Also, the following definition from the Scheduling BRS needs to be verified:

IEC CIM Attribute	Cl.	Code and description
revisionNumber	[1]	<p>The identification of the version that distinguishes one evolution of a document from another.</p> <p>Senders unique version.</p> <p><b>Note:</b> All documents where the combination of mRID and revisionNumber is unique are valid. If the same mRID is used earlier, the revisionNumber must be larger than the previous.</p>

Tage reported from the work with making a “Best practice for version numbering document”. Among others, the MARI project is not following the proposal, due to many bids. Also, Denmark is currently sending documents based on different principles with Germany and the other Nordic countries.

Jon-Egil informed that the pragmatic solution, and what Statnett will accept, is to accept all documents where the combination of mRID and version number in the Market Document header are unique.

**Conclusion:**

- The “Best practice for version numbering document” should be agreed in NMEG before agreed in CIM EG.

**Action:**

- When a revised version of the “Best practice for version numbering document” is ready, Tage will distribute it to NEMG for comments – probably sometime in January next year.

## 12 NMEG recommendation for asynchronous communications

**Background:** The document “NMEG recommendation for asynchronous communications” was removed from [www.ediel.org](http://www.ediel.org), since It describes the network topology in chapter 9, which should not be publicly available.

**References (links):** None.

**What to decide, discuss or inform:** Status

Ove had republished the document “NMEG recommendation for asynchronous communications” without chapter 9.

The original document was added to Statnett’s eRoom (both in pdf and word format).

Item closed.

## 13 BRS for schedules

**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’s eRoom.

**What to decide, discuss or inform:** Review of updated BRS.

**Action:**

- Ove will distribute the BRS to NMEG for final commenting until next meeting in January.

**Continued actions:**

- Miika will find Finnish usages of Business types in chapter “6.2.5 Attribute usage Ediel ERRP Planned Resource Schedule Document, Ancillary services schedule (CIM version)” in the BRS for Schedules;
- Everyone should verify and possibly update chapter “6.2.6 Dependency matrix: Ediel ERRP Planned Resource Schedule Document, Ancillary services schedule” in the BRS for Schedules;

- Jan (SE) will verify if all Swedish specialities are present in the activity diagram in chapter 5.2;
- Jon-Egil will continue the investigation regarding mismatch between the currently used outage document (for NOIS) and the CIM version;
- Jon-Egil will raise the question in CIM EG; on how to use Fuel Type and Technology?

#### 14 CIM EG and ebIX® Area project

**Background:** The proposed project plan for an ebIX® and CIM EG Area project was approved by ebIX® Forum at the forum meeting November 17<sup>th</sup>. ebIX® also agreed to pay for a secretary in such a project.

**References (links):**

**What to decide, discuss or inform:** Status from CIM EG if they can approve a common ebIX® and CIM EG project.

**Continued action:**

- Jon-Egil will investigate if CIM EG is interested in a common project with ebIX®.

#### 15 XML schemas

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

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](http://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, that should be published at [www.ediel.org](http://www.ediel.org).

**Continued actions:**

- All are asked to find what versions of xml-schemas are used today in different projects and come up with proposals for new schemas and/or sets of schemas that should be added to Appendix C and be published at [www.ediel.org](http://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.

#### 16 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 Jan (DK), Jan (SE), Teemu and Ove.

#### References (links):

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

#### *16.1 Report from NMEG CIM-XML Subgroup; GoToMeeting November 30<sup>th</sup>.*

- Participants Christian, Jan (DK), Jan (SE) and Ove.
- No news from Becky (WG16) to questions from Jan (SE):
  - o Asking for how to deal with VAT indicator and VAT level (sent by Jan (SE) after our meeting October 26<sup>th</sup>).
  - o Looking at “ChargeType” we miss the descriptions of the attributes, like “factor”. What will it be used for? ChargeType is part of IEC 62325-301, but not so much documented... Who would know?
- Ove had as homework compared the rest of the mappings in the Memo “Mapping of Danish downstream documents to CIM” with the documents in the ebIX® BRSs to see if they are in line. One observation is that there are many missing ebIX® attributes in the current mapping.

#### **Conclusion:**

- o We will map also these attributes to CIM, making them optional.
- o The following priorities were agreed:
  - 1) Finalise the current mappings
  - 2) Request documents, such as for AP, Consented request, for Measure data ...
  - 3) Extend with not used ebIX® Attributes
  - 4) Missing NBS Master Data documents
- Ove had also as homework made mappings of ” the rest of the prioritised documents, i.e.:
  - 1. RSM-005 End of supply
  - 2. RSM-018 Reminder
  - 3. RSM-003 Generic resume process
  - 4. RSM-020 Request for services from Electricity Supplier to Grid Company (?)
- The main item for the meeting was a review of comments to the current mapping from Christian and Ove. Due to lack of time the review ended after RSM 005, End of Supply.

#### **Action:**

- All will come up with proposals for the header (structure and which attributes to include);
- Ove will try to find CIM rules for shortening of association end names, such as if we can use Start\_Date instead of Start\_DateAndTime.

## 16.2 Report from NMEG CIM-XML Subgroup; GoToMeeting December 10<sup>th</sup>.

- Participants Christian, Fedder, Jan (DK), Jan (SE) and Ove.
- Most of the meeting was used to discuss the header structure and which attributes to include. The conclusion was to use the Market Document as header without Revision Number, Energy Business Process Role and Validity Period at document level.
- Also, the usage of code lists were discussed and the conclusion was to use the structure we have today, however with rename of ebIX® to Ediel.
- Status for questions to Becky (WG16) to questions from Jan (SE) was postponed due to lack of time.
- Ove had tried to find CIM rules for shortening of association end names, such as if we can use Start\_Date instead of Start\_DateAndTime. Ove has looked in the "ENTSO-E CIM European style market profile User Guide" and the "CIM Modelling Guide", however without finding any rules that covers this topic. To be continued.
- From Jan (SE):

We have soon signed an agreement with another company on the exchange of measure data. Today we get an Excel file(?) and send MSCONS. Next year (March??) we will get an XML file and would like to use the same XML schema in the response to the actor, instead of MSCONS.

The idea, of course, is to build on CIM. And I got the idea – why not use what we developed in the NMEG CIM-XML subgroup? In the profile "Nordic packages" there are "Nordic downstream market documents". Perhaps it is "Notify Measure Data for a Metering Point" that should be used to send/receive Measure data.

I now created two XSD files. One based on Notify Measure Data for a Metering Point contextual model and one based on Notify Measure Data for a Metering Point assembly model. Among other things, because I wanted to see the difference between "flattened" and "non-flattened" XML schemas. But what would the XSD files be called and what would it be for namespace? What are the rules? Or: what rules should we have? Now it turned out like this (in XML files that I created from the schemas):

```
xmlns:cim="urn:ebix:org:etc:measure:notifymeasuredata:0:1"  
xsi:schemaLocation="urn:ebix:org:etc:measure:notifymeasuredata:  
0:1 notifymeasuredata.xsd"
```

And the file name became notifymeasuredata.xsd (respectively notifymeasuredata\_nonflat.xsd).

The next problem was urn-entsoe-eu-local-extension-types.xsd and urn-entsoe-eu-wgedi-codelists.xsd I couldn't use the files from ENTSO-E. I also could not use the files created using "ExportCodeLists" on ESDMPEnumerations. But I manually created two new files. (At the same time, I wouldn't need all the code lists from the ebIX profile, but I'll look at that later.) Now the files are still called urn-entsoe-eu-local-extension-types.xsd and urn-entsoe-eu-wgedi-codelists.xsd which does not work. It should be possible to overwrite them after the next update from ENTSO-E.

Is there any possibility to discuss this at any of the next NMEG subgroup meetings?  
I.e.:

1. How should namespaces look like?
2. What are the rules for XSD filenames?
3. How do we merge codelists, and what should the resulting xsd files be called?

By December 17, I want to be able to send the XSD files for internal comments.

- It was also spent some time on how the namespace for Measure document should look like. It was agreed to use the following structure, which is like what we have used in ENTSO-E based Ediel CIM based documents:

```
xmlns:cim="urn:ediel:org:measure:name:0:1"
```

where "name" will be used as filename for the xml schema and, in addition, describe the usage of the message. The following names were proposed on the two measure documents made for Datahub v3.0 and the measure documents used by eSett:

urn:ediel:org:measure:mpmeasuredata:0:1
urn:ediel:org:measure:aggregatedmeasuredatamgaproduction:0:1 or urn:ediel:org:measure:aggregatedmgaproduction:0:1 ( <i>we already have "measure in the last element before "name"?</i> )
urn:ediel:org:measure:aggregatedmeasuredatamgaconsumption:0:1 or urn:ediel:org:measure:aggregatedmgaconsumption:0:1?
urn:ediel:org:measure:aggregatedmeasuredataexchange:0:1 or urn:ediel:org:measure:aggregatedexchange:0:1?
urn:ediel:org:measure:aggregatedmeasuredataexchangeconfirmation:0:1 or urn:ediel:org:measure:aggregatedexchangeconfirmation:0:1

#### **Actions:**

- Ove will update the mapping of Market Document: We use the Market Document as header however with Revision Number, Energy Business Process Role and Validity Period at document level as optional in ACC and not used in ABIEs.
- Ove will rename ebIX® to Ediel in the set of code lists used in the xml schemas today.
- All are asked to verify the proposed namespace for Measure documents.

#### *16.3 Report from NMEG CIM-XML Subgroup; GoToMeeting December 14<sup>th</sup>.*

- Participants Christian, Jan (DK), Jan (SE) and Ove.
- Ove had as homework renamed ebIX® to Ediel in the set of code lists used in the xml schemas.
- Ove had updated the mapping of Market Document up to and including End of Supply: We use the Market Document as header however with Revision Number, Energy Business Process Role and Validity Period at document level as optional in ACC and not used in ABIEs.
- Status for questions to Becky (WG16) to questions from Jan (SE):
  - o Asking for how to deal with VAT indicator and VAT level (sent by Jan (SE) after our meeting October 26<sup>th</sup>).

- o Looking at “ChargeType” we miss the descriptions of the attributes, like “factor”. What will it be used for? ChargeType is part of IEC 62325-301, but not so much documented... Who would know?

**Status:** There are no solution available from WG16 – We must make our own suggestion  
Item closed.

- Ove has tried to find CIM rules for shortening of association end names, such as if we can use Start\_Date instead of Start\_DateAndTime. I.e., Ove has looked in the “ENTSO-E CIM European style market profile User Guide” and the “CIM Modelling Guide”, however without finding any rules that covers this topic.

**@Jan (SE):** Is it an option to ask the question in the WG16 telephone calls?

**Conclusion:** Jan (SE) will ask Alvaro (ESMP model manager).

- We use the short measure namespace, i.e.:

urn:ediel:org:measure:mpmeasuredata:0:1
urn:ediel:org:measure:aggregatedmgaproduction:0:1
urn:ediel:org:measure:aggregatedmgaconsumption:0:1
urn:ediel:org:measure:aggregatedexchange:0:1
urn:ediel:org:measure:aggregatedexchangeconfirmation:0:1

**Actions:**

- Ove will continue the update of the mapping of Market Document for the rest of the documents (from Endo of Supply), using the Market Document as header with Revision Number, Energy Business Process Role and Validity Period at document level as optional in ACC and not used in ABIEs.
- Jan (SE) will contact Alvaro asking for shortening of association end names.

**16.4 CIM mapping questions for NMEG**

- 1) Which code list to be used for Quantity Quality? UN/CEFACT, ENTSO-E....?

UN/CEFACT and Danish:

Kode	Beskrivelse	Kommentar	Kodeansvarlig
D01	Calculated	Beregnet	DK
36	Revised	Korrektion	UN/CEFACT
56	Estimated	Skønnet	UN/CEFACT
E01	As read	Målt	ebIX
39	Approved		UN/CEFACT
41	Rejected		UN/CEFACT

ENTSO-E:

Code	Title	Description
A01	Adjusted	The contents of the object have been adjusted.

A02	Not available	The contents of the object are not available.
A03	Estimated	The contents of the object are estimated.
A04	As provided	The contents of the object are as provided.
A05	Incomplete	The contents of the object are calculated based on incomplete data.

2) What code list to use for confirm/reject, such as in the Reason code:

- UN/CEFACT and current Danish implementation:
  - 41** Rejected
  - 39** Approved
- ESMP:
  - A01** Message fully accepted
  - A02** Message fully rejected

Discussion to be continued.

**Action:**

- Jan (SE) and Ove will ask ebIX® for some advice for which code list to use in the CIM Acknowledgement document, ESMP code list (A01/A02) or UN/CEFACT code list (39/41).

**17 Picture at the front page of [www.ediel.org](http://www.ediel.org)**

**Background:** At the NMEG meeting March 2020, it was agreed to add a picture to the front page of [www.ediel.org](http://www.ediel.org).

**References (links):** [www.ediel.org](http://www.ediel.org).

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

**Continued actions:**

- Jon-Egil find the original picture and include Denmark;
- When a picture is ready, Teemu will add it to [www.ediel.org](http://www.ediel.org).

**18 Review of documents from CIM EG 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 EG 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 EG subgroups that is of interest for the Nordic market.

### 18.1 Naming of UnitSymbol in ESMP

Bent Atle has noted that the naming of UnitSymbol not is consistent. The problem is that the UnitSymbol datatype and the UnitSymbol «Enumeration» has the same name.

Attribute	Type	AdditionalType
unitSymbol	UnitSymbol	value = UnitSymbol

A consistent naming should be something like:

Attribute	Type	Enumeration	AdditionalType
unitSymbol <b>Type</b>	UnitSymbol <b>Kind</b>	UnitSymbol <b>Type_String</b>	value = UnitSymbol <b>TypeList</b>

The UnitSymbol originates from 61970 (TC57CIM/IEC61970/Domain), hence an MR must probably be sent to WG13. Do we want to do anything with it?

#### Action:

- Jan (SE) will ask WG13, during a coming Thursday afternoon call, if there is any possibility to get unique names of unitSymbol attribute, type, enumeration etc.

## 19 Information (if any)

## 20 Next meetings and decide if next meeting will be a face-to-face meeting or GoToMeeting

NMEG Corona GoToMeetings:

- Wednesday January 13<sup>th</sup>, 10:00 – 12:00 and 13:00 – 15:00, GoToMeeting.
- Tuesday February 9<sup>th</sup>, 10:00 – 12:00 and 13:00 – 15:00, GoToMeeting.
- Friday March 12<sup>th</sup>, 9:00 – 11:00 and 12:00 – 14:00, GoToMeeting.

NMEG scheduled face-to-face meetings<sup>1</sup>:

- None scheduled

NMEG CIM-XML subgroup GoToMeetings:

- Thursday December 17<sup>th</sup>, 10:00 – 11:00, GoToMeeting.
- Every Monday from 10:00 to 11:30, from Monday January 11<sup>th</sup> until Monday February 22<sup>nd</sup>.

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<sup>1</sup> Unless otherwise explicitly stated, the face-to-face meetings start at 09:00 (CET) the first day and end 16:00 (CET) the second day.

## 21 AOB

### 21.1 *[Ediel.org] Failed login attempts*

Ove receive a lot of “[Ediel.org] Failed login attempts” – Should we do anything with?

see Appendix B.

#### **Conclusion:**

- We are using long passwords and it doesn't seem likely that anyone will manage to break in, hence for the time being we don't do anything.

## Appendix A Overview of Nordic memberships in international standardisation bodies

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

### Abbreviations:

CCC	Coordinated Capacity Calculation (project under CIM EG)
CGMES	Common Grid Model Exchange Standard (subgroup under CIM EG)
CIO/LIO	Central Issuing Office / Local Issuing Office
CSSG	Communication Standards (subgroup under CIM EG)
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 EG)
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)
NEX	Nordic ECP/EDX Group
TPC	Transparency Platform Coordinators (subgroup under MIT)



## Appendix B [Ediel.org] Failed login attempts

Date / time	IP address	Description
Fri 11/12/2020 08:58	83.110.92.157	
Fri 11/12/2020 08:38	85.75.186.134	
Fri 11/12/2020 08:28	83.110.92.157	
Fri 11/12/2020 07:26	2.50.160.14	
Fri 11/12/2020 01:53	112.198.167.66	
Fri 11/12/2020 01:29	112.198.167.66	
Fri 11/12/2020 00:26	77.46.193.29	
Fri 11/12/2020 00:02	77.46.193.29	
Thu 10/12/2020 23:00	86.134.55.230	
Thu 10/12/2020 22:36	86.134.55.230	
Thu 10/12/2020 21:29	146.255.75.245	
Thu 10/12/2020 21:06	146.255.75.245	
Thu 10/12/2020 17:17	91.90.121.172	
Thu 10/12/2020 16:54	91.90.121.172	
Thu 10/12/2020 12:34	146.200.96.101	16 failed login attempts (4 lockout(s)) from IP 146.200.96.101 and it was blocked for 24 hours
Thu 10/12/2020 12:11	146.200.96.101	12 failed login attempts (3 lockout(s)) from IP 146.200.96.101 and it was blocked for 20 minutes
Thu 10/12/2020 05:29	51.116.234.30	12 failed login attempts (3 lockout(s)) from IP 51.116.234.30 and it was blocked for 20 minutes
Thu 10/12/2020 03:18	123.231.86.33	16 failed login attempts (4 lockout(s)) from IP 123.231.86.33 and it was blocked for 24 hours
Thu 10/12/2020 02:54	123.231.86.33	12 failed login attempts (3 lockout(s)) from IP 123.231.86.33 and it was blocked for 20 minutes
Wed 09/12/2020 21:59	95.77.7.93	16 failed login attempts (4 lockout(s)) from IP 95.77.7.93 and it was blocked for 24 hours
Wed 09/12/2020 19:57	51.116.234.30	3 failed login attempts (0 lockout(s)) from IP 51.116.234.30 and it was blocked for 20 minutes
Wed 09/12/2020 19:57	51.116.234.30	3 failed login attempts (0 lockout(s)) from IP 51.116.234.30 and it was blocked for 20 minutes
Wed 09/12/2020 16:43	187.194.130.28	16 failed login attempts (4 lockout(s)) from IP 187.194.130.28 and it was blocked for 24 hours
Wed 09/12/2020 16:01	187.194.130.28	12 failed login attempts (3 lockout(s)) from IP 187.194.130.28 and it was blocked for 20 minutes
Wed 09/12/2020 15:37	95.77.7.93	12 failed login attempts (3 lockout(s)) from IP 95.77.7.93 and it was blocked for 20 minutes

Wed 09/12/2020 15:12	192.142.182.213	16 failed login attempts (4 lockout(s)) from IP 192.142.182.213 and it was blocked for 24 hours
Wed 09/12/2020 14:47	192.142.182.213	12 failed login attempts (3 lockout(s)) from IP 192.142.182.213 and it was blocked for 20 minutes

## Appendix C 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					
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 <sup>2</sup>	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					
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						

<sup>2</sup> 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.