


Agenda: NMEG meeting Date: Thursday August 26 th Time: 10:00 – 12:00 and 13:00 – 15:00 Place: GoToMeeting	 NMEG Nordic Market Expert Group
September 3 rd , 2021	

Present: Antti, eSett, FI
Jan (SE), Svenska kraftnät
Jon-Egil, Statnett (Convenor)
Miika, Fingrid
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): Antti, eSett, FI
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:

- Request for new quantity quality code from Energinet, to be used in Datahub 3.0 cim documents, see item 9.4.
- Update of Nordic code list (FCR-D Down project with proprietary NOIS format), see item 9.5.

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 that NEX are preparing to upgrade to the latest version of ECP/EDX. NEX is also preparing for a new "high traffic end point" for NBM.

Jon-Egil informed that XBID is working on upgrade from ECP3 to ECP4 (hopefully by next summer).

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

4.1 CNTC IG

The item was postponed.

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.

Jon-Egil informed that the NBM is looking into addition of quality attribute for most of the documents used. This will probably result in NMEG MRs to CIM-EG.

6.1 Status for NBM discussion related to MR for a new attribute for the Run ID.

The item was postponed.

7 Status for MRs to ebIX®

Background: NMEG has sent several Maintenance Requests (MR) to ebIX and some of these have been postponed.

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

What to decide,

discuss or inform: Status for MR to ETC and if needed making new MRs.

Ove informed that the three NMEG MRs that are sent to ebIX® are waiting for the RtR (Role-to-Role) project and their review of relevant BRSs:

NMEG MR	Request	ebIX® status
NMEG 2020/180 (1)	Request for: 1) “Regulation Type” to identify the origin of the energy (thermal, wind, hydro and consumption) 2) “Production Category”, currently called Production Type (normal, minor) 3) Aggregation-criteria for “Type of metered data”, currently implemented as ENTSO-E Business Types (production, consumption, losses,) (The request originates from NBS)	Waiting for ebIX® RtR project to review BRS for Measure for Imbalance Settlement
NMEG 2021/2	1) Add a “Supply Start Date” to the AP Administrative Characteristics class in Alignment of AP characteristics BRS.	Waiting for ebIX® RtR project to review BRS for Alignment of Accounting Point characteristics

	2) Submit a MR to IEC/TC57/WG16 for addition of association from the MktActivityRecord class to the DateAndOrTime class. (The request originates from the Swedish data hub)	
NMEG 2021/3	1) Add a new attribute Reporting Resolution to the AP Administrative characteristics class. 2) Add a new attribute Reporting Interval to the AP Administrative characteristics class. (The request originates from the Swedish data hub)	Waiting for eBIX® RtR project to review BRS for Alignment of Accounting Point characteristics

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 CIM EG.

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.

The item was postponed.

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.

References (links): None.

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

9.1 BRS for Schedules: CIM version of Outage document

The item was postponed.

9.2 ENTSO-E: Best practice for version numbering

The item was postponed.

9.3 Usage of Document Codes in the Activation Market Document

Start of a discussion related to the structure of the Activation Market Document. I.e. should the Document Types "Faster than standard FAT", "Faster than standard deactivation time" and "Slower than standard FAT" be Process Types or Business Types?

The intention is to first discuss the issue within NMEG, thereafter verified the result with MARI and other Nordic stakeholders and finally discussed it in CIM EG.

A discussion ended in a proposal for having these codes as Business Types instead of Document Types.

Action:

- Jon-Egil will contact MARI experts and ask for their support.

The item will continue at the next NMEG meeting.

9.4 Request for new quantity quality code from Energinet, to be used in Datahub 3.0 cim documents

Preben (Energinet) has asked for a new quality code: "Calculated", in addition to the 5 existing ENTSO-E codes, however Estimated is already present as A03:

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.
Z01	Calculated	The contents of the object are calculated.

To be added to the urn-entsoe-eu-local-extension-types.xsd:

```
<xsd:simpleType name="LocalQualityType">
  <xsd:restriction base="xsd:NMTOKEN">
    <xsd:enumeration value="A01"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:enumeration value="Z01">
  <xsd:annotation>
    <xsd:documentation>
      <CodeDescription>
        <Title>Calculated</Title>
        <Definition>The contents of the object are calculated /Definition>
      </CodeDescription>
    </xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
```

Action:

- Ove will add Z01 Calculated to the Nordic code list and publish it. In parallel a MR to CIM EG for addition of a new Quality type code for "Calculated" will be submitted.

Item closed.

9.5 Update of Nordic code list (FCR-D Down project with proprietary NOIS format)

Information from Jon-Egil:

In the FCR-D Down project the existing proprietary NOIS formats needs to be extended with new codes.

Since the way of using these documents is not in line with the way we now use the new CIM-formats the proposal is to just extend the existing NOIS code list with these new codes:

Process	Code
Frequency controlled Disturbance operation Reserve Down Plan	X55
Frequency controlled Disturbance operation Reserve Down Trade Plan	X56
After trading Frequency controlled Disturbance operation Reserve Down requirement	X57
Frequency controlled Disturbance reserve Down Requirement	X58
Frequency controlled Disturbance reserve Down Measurement	X59
Dimensioning Fault Down	X60
Additional FAR Down	X61

When/if NOIS will move to CIM we'll have to have a look at all codes and structures.

Item closed.

10 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).

No meeting since previous NMEG, hence the item was postponed.

11 Question from Svenska kraftnät via Alvaro (ENTSO-E)

Background: Alvaro has asked Jon-Egil for his wise advice on which kind of area Nicolas from Svenska kraftnät is referring in a question (should this be a kind of virtual bidding zone?):

"We need to issue new codes for two areas but I'm not sure what kind of Area type (Balance Group, Bidding zone etc) to choose. The areas concern a bottleneck on the west coast of Sweden which consists of multiple lines going from north to south. We need to describe capacity in both south going and north going direction for this bottle neck in CIM Capacity_MarketDocument. What kind of Area/Y type should we issue the code as?"

At the NMEG meeting June 23rd it was suggested to be a “Cut area”, which is something smaller than a Bidding Zone (Scheduling Area) and bigger than a Metering Grid Area. Since a Cut Area is not an option for EIC codes, the best solution is probably to define it as a Bidding Zone.

References (links):

What to decide,

discuss or inform: Status – what area type was finally chosen?

The item was postponed.

12 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 17th. 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.

Ove informed that ebIX[®] intend to start its own project in case CIM EG still don't want to participate, probably starting Q2 next year.

Continued action:

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

13 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.

14 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):

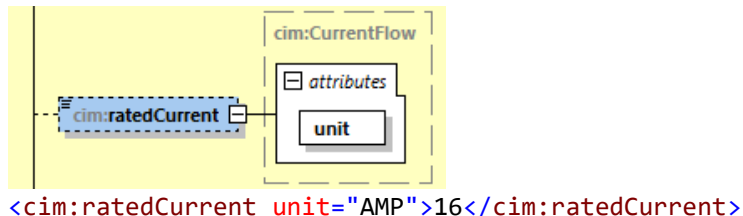
What to decide, discuss or inform: Status.

14.1 Report from NMEG CIM-XML Subgroup; Teams meeting June 25th

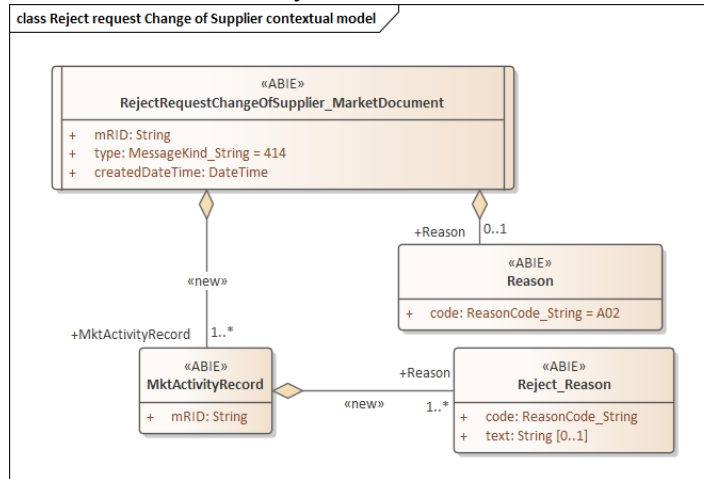
- Participants Christian and Ove.
- Ove had as actions agreed a meeting with Andre and Jean-Luc to investigate generation of JSON from CIMSyntaxGen and updated the sequence of attributes in all measure documents, to be in line with Notify Aggregated Time Series, which was agreed at the previous meeting.
- The review of the mapping document and update of the CIM model continued:
 - o The updated measure documents were verified and slightly updated, including removal of not used attributes.
 - o The sequence of the structure documents (Accounting Point Characteristics) was finished.

14.2 Report from NMEG CIM-XML Subgroup; Teams meeting June 28th

- Participants Christian, Jan (SE) and Ove.
- Agreed changes to CIM model:
 - o The attribute contractedConnectionCapacity will be moved from Market Agreement to MarketEvaluationPoint. DataType shall be DecimalQuantity from 61970 in basic CIM and ESDMP DecimalQuantity in ACC and ABIE.
 - o The attribute ratedCurrent will have the DataType CurrentFlow, to be in line with basic CIM.
 - o Both attributes above shall look like:



- o The Reason classes in reject documents shall be:

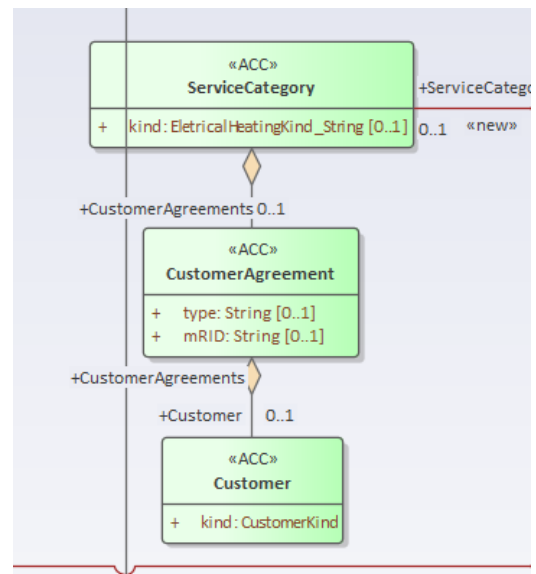


14.3 Report from NMEG CIM-XML Subgroup; Teams meeting July 1st

- Participants Christian, Jan (SE) and Ove.
- The meeting was dedicated to review and correction of the mapping document and CIM model. Among others, the following were updated during the meeting:
 - o “status” was removed from «Compound» StreetAddress in ESDMP
 - o “type” was removed from «Compound» StreetDetail in ESDMP
 - o “stateAndProvince” was removed from «Compound» TownDetail in ESDMP

Action:

- Ove will:
 - o Delete Customer Agreement and Customer from ESDMP and move association to go from Market Evaluation Point to Service Category (and delete existing association).



- o Move association to Service Category from Mkt Activity Record to go from Market Evaluation Point in RSM-027 and RSM-028
- o Make Quantity optional when there is Quality (RSM-012 and RSM-014)
- o Add First Consumer Party and Second Consumer Party in RSM-027 and RSM-028
- o In RSM-015 Reject, split Reason into Reason and Reject_Reason
- o Make assembly model and xml schemas of reviewed documents
 - RSM-012 and RSM-014
 - RSM-015
 - RSM-027 and RSM-028
- o Make assembly model and xml schemas of documents revied by Christian (RSM-001, RSM-003 and RSM-004)

14.4 Report from NMEG CIM-XML Subgroup; Teams meeting July 5th

- Participants Christian, Jan (SE) and Ove.
- Also this meeting was dedicated to review and correction the mapping document and CIM model. Among others, the following were updated/agreed during the meeting:
 - o codingSchemetype 9 (GS1) was added to urn-entsoe-eu-wgedi-codelists.xsd
 - o UN/CEFACT Role codes will be added to urn-entsoe-eu-local-extension-types.xsd:

Kode	Beskrivelse	Kommentar	Kodeansvarlig
DDK	Balance responsible party		ebIX
DDM	Grid access provider		ebIX
DDQ	Balance power supplier		ebIX
DDX	Imbalance settlement responsible		ebIX
DDZ	Metering Point Administrator		ebIX
DEA	Metered data aggregator		ebIX
EZ	System Operator		ebIX
MDR	Metered data responsible		ebIX
STS	Danish Energy Agency	Energistyrelsen	DK
DGL	Metered Data Administrator		ebIX

- o It was agreed to remove EndDate from all Reject documents.

Action:

- Christian will send Ove the UN/CEFACT codes used in Denmark for Role and Ove will add these to urn-entsoe-eu-local-extension-types.xsd.

Information from after the meeting: Done

- Ove will:
 - o Remove EndDate/StartDate from Reject messages (for all reject documents)
 - o Correct Reason in RSM-003 Reject and RSM-005 Reject - and re-sequence:

groupBox1	
	element name
	mRID
	BusinessProcessReference_MktActivityRecord
	OriginalTransactionIDReference_MktActivityRecord
	MarketEvaluationPoint
	Start_DateAndOrTime
	Reason

Information from after the meeting: Done

- Make XML etc. for RSM-003, RSM-004, RSM-005, RSM-006
- Add a Reject-document for RSM-006

14.5 Report from NMEG CIM-XML Subgroup; Teams meeting July 8th

- Participants Christian, Jan (SE) and Ove.
- The meeting was dedicated to review and correction the mapping document and CIM model.

Action:

- Ove will:
 - Remove EndDate/StartDate from Reject messages (for all reject documents).
 - Ove will change the namespace from ebix to ediel where applicable.
 - Correct sequence etc as commented in the mapping document during the meeting.

14.6 Report from NMEG CIM-XML Subgroup; Teams meeting July 12th

- Participants Christian, Jan (SE) and Ove.
- The meeting was also this time dedicated to review and correction the mapping document and CIM model.
- Ove informed that Zamiren (Andre and Jean-Luc) finally had managed to find the problem on Ove's PC, hence now Ove can generate JSON schemas from CimConteXtor.

Action:

- Ove will:
 - Update the mapping document and xml schemas according to comments during the meeting.

14.7 Report from NMEG CIM-XML Subgroup; Teams meeting July 13th

- Participants Christian, Jan (SE) and Ove.
- Once again, the meeting was dedicated to review and correction the mapping document and CIM model.
- Question from Ove: The «Compound» ESDMPDataTypes:: DocumentFunction_Status (Cancellation, Revocation, Update and Original) is found in the class diagrams for "Accounting Point Characteristics Document" and "Request change Accounting Point characteristics", but it seems not to be used in any attribute. Can it be removed from the model?

Conclusion:

- o To be removed.
- Some questions from a colleague of Christian:
 1. In RSM-030 (mappings) and RSM-033 (prices), this CIM field appears: **MktActivityRecord / BusinessProcessReference_ MktActivityRecord / mRID**

The memo says "Currently not used in Denmark. Expected used in Datahub 3.0." What is this field expected to be used for in DH3?

Conclusion:

- This is the ebIX® Business Process Reference, giving a common reference for a set of linked documents.
2. RSM-033 request (29.1.1) has **createdDateTime** in both MarketDocument and MktActivityRecord. Does it make sense to have them both?
 - a. RSM-033 confirm (29.2.1): **createdDateTime** is available twice in RSM-033 confirm. Did it make sense to have them both?

Conclusion:

- The second **createdDateTime** will be removed.
3. (29.1.1) The cardinality between RequestChangeOfPriceList_MarketDocument and Process is 0..1. Shouldn't it be 1..1?

Conclusion:

- Yes - corrected.
4. RSM-030 *confirm* has **businessSector.type: BusinessSectorKind_String** in the assembly model, the RSM-030 *Reject* edition does not. A mistake?

Conclusion:

- Looks correct in the latest version.
5. RSM-030 *reject* (section 26.3.2) has in **MktActivityRecord marketEvaluationPoint.mRID** over **businessProcessReference**. They are inverted in *the confirm* message (26.2.2)

Conclusion:

- Looks correct in the latest version.
6. 26.2.3/26.3.3 stands **OriginalTransactionIDReference** set to cardinality 1 for GB and for ebIX. Both confirm and reject's contextual and assembly models say 0..1:



Figure 78: Class diagram: Confirm request change billing master data Assembly model

Conclusion:

- These are [0..1] in all documents. For “reject documents”, the argument is that the **OriginalTransactionIDReference** can be unreadable in the received document.

7. In addition, I study the cardinality indications on chargetype (section 29.1.2). Among other things, how mRID can be 0..1?

Conclusion:

- Should be required - corrected.

In addition, I assume that the assembly model expresses ebIX's cardinalities and not the Danish ones?

Danish attribute	Card.	ebIX* attribute	Card.	CIM attribute
Party Charge Type ID	1	Charge ID	1	MktActivityRecord / ChargeGroup / ChargeType / mRID
Description	1	Charge name	0..1	MktActivityRecord / ChargeGroup / ChargeType / name
Long Description	1	Charge description	0..1	MktActivityRecord / ChargeGroup / ChargeType / description
VAT Payer	1	N/A		MktActivityRecord / ChargeGroup / ChargeType / VATPayer

Conclusion:

- Yes.

8. RSM-033 confirm & reject (29.2.1 + 29.3.1) Cardinality between Confirm/RejectChangeOfPriceList_MarketDocument and Process is 0..1. Shouldn't it be 1..1?

Conclusion:

- Yes - corrected.

9. Both in #8 lack **businessSector.type** (as Ove has mentioned in the memo comment field).

Conclusion:

- Yes - corrected.

10. 29.2.3/29.3.3 **OriginalTransactionIDReference** 's cardinality says 1 for both DK and ebIX. Context and Assembly models for RSM-033 confirm/reject say 0..1.

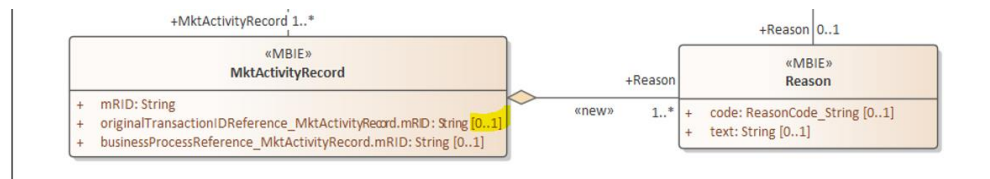


Figure 94: Class diagram: Reject request change of Price List assembly model

Conclusion:

- These are [0..1] in all documents. For “reject documents”, the argument is that the **OriginalTransactionIDReference** can be unreadable in the received document.

Action:

- Ove will update the mapping document and xml schemas according to comments during the meeting.

14.8 Report from NMEG CIM-XML Subgroup; Teams meeting August 11th

- Participants Christian, Jan (DK) and Ove.
- A comment from Jan (SE) was reviewed:
For RSM-033, the attributes "Start date" and "End date" are mapped to effectiveDate og terminationDate in the ChargeType class. For RSM-030, the attributes "Start date" and "End date" are instead mapped to Start_DateAndOrTime / dateTime and End_DateAndOrTime / dateTime. The reason is that in RSM-033 ChargeType is repeated, i.e., more start/end date and times can be specified, hence must be on ChargeType level. In RSM-030 ChargeType is NOT repeated.

Conclusion:

- We keep the current mapping.
- Once again, most of the meeting was dedicated to review and correction the mapping document and CIM model.
- Preben (Energinet) has asked for a new quality code: “Calculated”, in addition to the 5 existing ENTSO-E codes – added as new item 9.4 in the next NMEG agenda.
- Ove informed that he has investigated the creation of JSON schemas for the documents and found an issue related to the Danish code lists. The issue has been reported to Zamiren (Jean-Luc and Andre).

Action:

- Ove will update the mapping document and xml schemas according to comments during the meeting.

14.9 Report from NMEG CIM-XML Subgroup; Teams meeting August 17th

- Participants Christian, Jan (DK) and Ove.
- Most of the meeting was dedicated to review and correct the mapping document and CIM model.

Action:

- Ove will update the mapping document and xml schemas according to comments during the meeting.

14.10 Report from NMEG CIM-XML Subgroup; Teams meeting August 23rd

- Participants Christian, Jan (DK), Jan (SE) and Ove.

- The meeting was used to correct the mapping document and CIM model, including agreement of the Acknowledgement document.
- Also the generation of json schemas seems to work now, hence Ove will distribute two examples (Request change of supplier and AP characteristics) to the NMEG CIM-XML Subgroup.

Action:

- Ove will update the mapping document and xml schemas according to comments during the meeting.

15 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.

Jan (SE) had sent the following to NMEG on July 1st for Information:

For your information I just sent this to Alvaro, Karyn and Kees that participated in the WG16 modelling meeting today.

Alvaro and Karyn wanted to wait with updating CIM until the European “TSO-DSO” taskforce has the possibility to bring input to this.

But first I am not sure when and if that work will start. Secondly, I do not know what will be included in that work – only “TSO-DSO”-exchanges? And for the third: I do not want to wait.

Denmark will implement a CIM based solution and I had a good hope that the addition of Accounting Point and Exchange Point as sub classes to Market Evaluation Point, plus several attributes, would have been approved.

It almost sounded like that for two seconds, Alvaro liked the addition of those two subclasses.

The discussion will continue next WG16-meeting (next Thursday).

But I am afraid we will not reach consensus in the modelling team. Alvaro and Karyn would like to wait to the autumn, but my guess it will take longer time before coming to these details in the taskforce group.

Meanwhile we (Kees and I) will continue to bring updates that we would like to have from ebIX® to the modelling team, and **I hope to get your support.**

Conclusion:

- NMEG supports Jan in this case.

16 Information (if any)

Teemu informed:

- The actors are running the second datahub test period.
- The start-up is planned for February 21st next year.
- The planning of version 2 has started, among others including 15 minutes resolution.

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

NMEG Corona GoToMeetings:

- None scheduled

NMEG scheduled face-to-face meetings¹:

- Tuesday October 12th, 09:00 – 16:00, Edisys offices in Oslo
- Thursday November 25th, place to be decided (Oslo, Denmark or GoToMeeting).

NMEG CIM-XML subgroup GoToMeetings:

- September 1st, 10:00 – 12:00.

Action:

- Ove will send a mail on Monday September 27th asking NMEG if we should keep the face-to-face meeting October 12th or do a GoToMeeting instead.

18 AOB

No items.

¹ 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.

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 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 ²	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

² 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.

25.	ENTSO-E ERRP Activation Document	BRS for Operate							5.0 (not complete)
26.	Capacity Market Document	???							7.1, 8.0