

<b>Minutes:</b> NMEG meeting <b>Date:</b> Tuesday June 3 <sup>rd</sup> and Wednesday June 4 <sup>th</sup> , 2025 <b>Time:</b> 09:00 – 17:00 and 09:00 - 16:00 (15:00?) <b>Place:</b> Statnett's offices in Oslo	<div style="text-align: center;"> <b>NMEG</b>  Nordic Market Expert Group </div>
August 19 <sup>th</sup> , 2025	

**Present:**

- Jan (DK), Energinet
- Jan (SE), Svenska kraftnät (via Teams second day)
- Jon-Egil, Statnett (convenor)
- Mario, Elhub (via Teams second day)
- Ove, Edisys (secretary)
- Teemu H, Fingrid (via Teams)
- Teemu K, Fingrid Datahub (via Teams)

**To (NMEG):**

- Anne Stine, Elhub
- Christian, Energinet
- Jan (DK), Energinet
- Jan (SE), Svenska kraftnät
- Jon-Egil, Statnett (convenor)
- Mario, Elhub
- Miika, Fingrid
- Ove, Edisys (secretary)
- Rasmus, Energinet
- Teemu H, Fingrid
- Teemu K, Fingrid Datahub

**CC:**

- Bent Atle, Edisys
- Fedder, Energinet
- Hans Erik, Elhub
- Pamina, Energinet
- Tage, Energinet

**To (Invited guests):**

- Antti, eSett
- Søren, Nordic RCC
- Tommy, eSett
- Tuomas L, eSett
- Tuomas P, eSett

**Appendix A:** Overview of Nordic memberships in international standardisation bodies  
**Attachment:** None

## 1 Approval of agenda

The agenda was approved with the following additions:

### 1.1 Update of NBS BRS

- Duplicate codes for FRR-A, AOF activation and non-AOF activation, see item 8.4.
- Expected imbalances, see item 9.5.
- Separate BRSs for Accounting Point, Party and Market Agreement Characteristics, see item 14.
- CIM as “an open ontology”, see item 15.
- “Norgespris”, see item 19.1 under AOB.

## 2 Approval of previous meeting minutes

The previous meeting minutes were approved after correction of some spelling errors found by Jan (SE).

## 3 Alternative to Unicorn Mades (ECP) End Point in the GO language from Energinet

**Background:** Energinet has developed an alternative to the Unicorn Mades (ECP) End Point in the GO language that is 100 times faster than and uses 100 times less resources than the alternative from Unicorn. Energinet and Statnett will run a pilot project to test it out.

**References (links):**

**What to decide,**

**discuss or inform:** Status for finalising and implementation of the new ECP End Point software.

Jon-Egil informed that Energinet is using it. It is expected that the official ENTSO-E version (ECP 4+) will be available from beginning of next year.

## 4 Nordic Dynamic dimensioning project

**Background:** The Nordic Dynamic dimensioning project will make an optimisation of the mFRR market. It is a Nordic TSO project based on AI. It should be relevant for NMEG when the project comes to data exchange between the TSOs.

**References (links):**

**What to decide,**

**discuss or inform:** Status for the project.

Noting new reported.

## 5 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.

Further, NIT has approved the establishment of a short-term secure communication platform and short-term ECP requirements. However we will also have to investigate long-term solutions. It is NEX responsibility to do the work. NMEG will follow up and supervise.

**References (links):**

**What to decide,**

**discuss or inform:** Status from NEX.

### 5.1 How to handle the new NMEG strategic action: "Establish a secure Nordic Communication platform"?

**Background:** NIT has approved the establishment of a short-term secure communication platform. It is NEX responsibility to do the work. NMEG will follow up and supervise.

**References (links):** From the NMEG roadmap:

*NMEG will together with the Nordic TSOs specify and establish a secure Nordic Communication platform for secure information exchange between the Nordic TSO organisations in case of a major IT incident and/or any secure communication need between the Nordic TSOs.*

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

Jon-Egil is following the task as NMEG representative.

A project report has been submitted to NIT and the project is awaiting a decision by NIT.

## 5.2 How to handle the new NMEG strategic action: “Establish new ECP requirements”?

**Background:** NIT has approved the establishment of a short-term ECP requirements. However we will also have to investigate long-term solutions. The NEX group is the one who have the knowledge and the one to making the first draft of an ECP recommendation. NMEG will follow up and supervise.

**References (links):** From the NMEG roadmap:

*NMEG will establish new ECP requirements to be sure that ECP will be compliant with the future TSO needs.*

The requirement document is finalised and will be presented for NIT soon.

## 6 Support to Nordic RCC

**Background:** The Nordic RCC is a central body in the Nordic energy market with need for common data exchange standards, hence a natural member of NMEG.

**References (links):** None.

**What to decide,  
discuss or inform:** Update of BRSS, MRs for CIM and/or ESMP, etc. All based on Nordic RCC needs.

### 6.1 Status for missing Reason Type Code for availability plans for Nordic RCC

*Continued action:*

- Rasmus will make a draft MR to ENTSO-E (Ove has sent an example MR as a template to Rasmus).
- The MR will be discussed at a coming NTC meeting, when an MR is available.

*Continued action:*

- Jan (DK) is asked to find a status for the action item above.

## 7 Support to the NBM project

**Background:** The NBM-project (Nordic Balancing Model) is going forward and there is a need for several 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.

### 7.1 Alignment of NMEG BRSSs and NBM BRSSs/IGs

#### 7.1.1 [BRS for Nordic trading system](#)

All comments in the Business Domain View (chapter 2) of the BRS was reviewed. We will continue the review at our next NMEG meeting.

**Continued action:**

- Ove will continue the update of the parts of the BRS for Nordic trading system that are agreed by NMEG.

**New action:**

- All are asked to verify if the Currency exchange rate document is used anymore.

## 7.2 *Status for addition of marketProductType and two new Market Product Type codes to Reserve Allocation Result Market Document, ref. MR NMEG/2024-222.*

**To remember item:**

- We will await update of the BRS for Trade until version 6.5 of the Reserve Allocation Result Market Document is published by ENTSO-E.
- The unofficial version is published at the NMEG webpage with a disclaimer saying that this version of the document is approved by CIM WG but not yet official published by ENTSO-E.

## 7.3 *Status for addition of new “Reserve requirements” exchange for NBM*

Jon-Egil presented the new reserve requirements. No updates of NMEG documents are needed for the time being.

Item closed.

## 8 **Support to NBS (eSett)**

**Background:** NMEG has made a set of BRSs for NBS (Nordic Balance Settlement). NMEG has also drafted a set of documents, both based on older ENTSO-E and eblX® standards, and newer based on CIM. These BRSs and messages needs to be maintained and extended based on new requirements from the market.

Further, eSett is working on the migration of all exchanges to CIM based documents, however there's a lot to take in and it's not urgent from eSett perspective, the migration is expected to be something like:

- 1) eSett wait until NMEG has finalised some batch of CIM documents.
- 2) eSett confirm that they work for our purposes.
- 3) eSett and TSOs (eSett's SLA group) evaluate together when could be the suitable time to start the implementation in eSett. E.g. is it better timing to start in Q3-Q4 this year or postpone it to 2026. This is heavily dependent on other upcoming market changes.
- 4) eSett start to migrate the new CIM documents.
- 5) Once the new CIM documents have been implemented successfully in eSett, there is a minimum of 2-year transition period where we support both current non-CIM and the CIM documents in parallel to give market participants sufficient time to adapt to the change.

**References (links):** <https://ediel.org/nordic-balance-settlement-nbs/>

**What to decide,**

**discuss or inform:** Status for the updates and extensions of/to NBS BRSs and documents.

### 8.1 Status for implementation of tool(s) that can be used for statistics ediel.org

Teemu H had implemented a free tool that can be used for statistics.

We will keep the item on the coming agendas to follow the usage of Ediel.org.

### 8.2 CIM for NBS

Ove had as action made MRs for:

- a) Addition of SettlementMethodkind to the ENTSO-E code list, i.e.:
  - E01** Profiled
  - E02** Non-profiled
  - E15** Non-profiled with special rules (Flex settled)
- b) Addition of a new quality code for “**Ann** Temporary, the value will be updated”
- c) Addition of a new CodingSchemeTypeList code for **ISO**, e.g. used for “ISO 3166 English country names and code elements”.

These were reviewed and agreed by NTC on May 14<sup>th</sup> and approved by ESMP SG on May 22<sup>nd</sup>.

*Continued actions:*

- Ove will continue making mapping tables for the new CIM documents in the memo CIM for NBS.

### 8.3 Status for addition of flowCommodityOption to the Activation document

Ove had informed Tuomas P that NMEG suggest adding the flowCommodityOption attribute (enumeration), which can have the enumeration literals “production”, “consumption” or “combined”. This will be implemented as an association to the AccountingPoint class using only the flowCommodityOption attribute (without using the mRID attribute).

*From Tuomas P:*

- The proposed solution seems like a good approach, so I would propose that you make an MR for this.

**Action:**

- Ove will make a MR for the adding the flowCommodityOption attribute (enumeration) to the Activation document.
- Ove will ask Tuomas P for the timeframe for when this is needed, i.e. if we need to make an intermediate NMEG document before updated in ESMP.

### 8.4 Update of NBS BRS

#### 8.4.1 Duplicate codes for FRR-A, AOF activation and non-AOF activation

We have minor notice from our side to this NBS BRS. There are duplicate codes for

- FRR-A, AOF activation: **Z54** and **Z77**
- FRR-A, non-AOF activation: **Z55** and **Z78**.

For *Ediel ERRP Reserve Allocation Result Document*, we have agreed with TSOs that the initial **Z54** and **Z55** are used.

Now in the BRS it suggests that the **Z77** and **Z78** are used for *Ediel Activation Document*.

Could we replace the **Z77** and **Z78** with the **Z54** and **Z55** for *Ediel Activation Document* in the NBS BRS, so that these two documents would be aligned?

**Action:**

- Ove will replace the **Z77** and **Z78** with the **Z54** and **Z55** for *Ediel Activation Document* in the NBS BRS, so that these two documents would be aligned.

Item closed.

#### 8.4.2 Changing PU Types

(From eSett Newsletter 30.5.2025): Several PU types use local Z-codes as their asset type in the XML files. These Z-codes will be replaced by standard codes. New asset type codes have been in use when reporting data to eSett from April 2024 in parallel with the old codes. The new asset type codes will be used for outgoing data from eSett starting from October 2025.

<b>A05</b>	Load (replaces <b>Z07</b> )
<b>B19</b>	Wind onshore (replaces <b>Z05</b> )
<b>B31</b>	Hydro unspecified (replaces <b>Z06</b> )
<b>B37</b>	Thermal unspecified (replaces <b>Z04</b> )

However, this update has been delayed, hence we should update the footnote, i.e. replace 2024 by 2025:

“The “**Znn** codes” will be valid one year after eSett have announcement its removal, approximately until the end of **20242025**. In the transition period eSett will continue using “**Znn** codes”.

**Action:**

- Ove will update the footnote, i.e. replace 2024 by 2025.

Item closed.

## 9 Status and update of Nordic BRSs and other documents if needed

**Background:** NMEG is responsible for a set of BRSs and other documents, such as the NMEG code list, which 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 *NMEG CIM master data documents*

Continue the discussions with Jan (SE)’s colleagues from Svenska kraftnät who are working with the future “master data system” – postponed.

Ove had as action added the IEC/CIM Area Configuration Document and the Ediel Request Trade Structure Document to the Ediel BRS for Master data. Ove had also verified that the non-CIM Area Configuration Document present in NBS BRS for Master Data fits the official ENTSO-E CIM version.

The BRS was reviewed and updated.

**Action:**

- Ove will make MRs for:
  - Change the cardinality of the association from MktActivityRecord to Process to [0..\*] in ESMP.
  - Add an association from MarketParticipant to DateAndOrTime in both TC57CIM/Market and in ESMP.
  - Add an association from MarketParticipant to Process in both TC57CIM/Market and in ESMP.
- Ove will update the BRS for master data after agreement of the Area configuration document in CIM WG June 11<sup>th</sup>, send it on circulation for comments to NMEG for one week and finally publish it.

## 9.2 BRS for Nordic Scheduling and Ancillary Services Processes: ERRP Planned Resource Schedule Document

**Continued action:**

- Denmark will investigate if Business types **A10** and **A12** still are used for Ancillary services schedules in Denmark.

## 9.3 Update of NMEG code list (if applicable)

Nothing to update.

## 9.4 What to do with the Nordic BRS for Change of supplier?

NTC has almost finished the BRS for Change of supplier – what is next step?

- Should we make a dependency table showing how to implement the documents in each Nordic country?
- Shall we publish it at the [www.ediel.org](http://www.ediel.org)?

**Conclusion:**

- We make a dependency table showing how to implement the documents in each Nordic country.
- Thereafter we publish it.

Item closed.

## 9.5 Expected imbalances

Jon-Egil asked for addition of a business type code to the BRS for Schedules:

**ZA5** Expected imbalance (A time series to provide the expected (the prognosis of) energy imbalances for a given period).

Jon -Egil also asked for addition of a similar code in the Norwegian product code list:

[https://www.ediel.no/Portal/dokumenter/\(New\)%20Edielportalen.no/2.%20Bruerveiledninger/2.%20Regulerkraft%20og%20Nettavregning/2.%20Produktkoder/Produktkoder\\_v2r3\\_20200527.pdf](https://www.ediel.no/Portal/dokumenter/(New)%20Edielportalen.no/2.%20Bruerveiledninger/2.%20Regulerkraft%20og%20Nettavregning/2.%20Produktkoder/Produktkoder_v2r3_20200527.pdf)

**Regulerkraftmarkedet :**

Beskrivelser (Pr. serie-id)	Koder			Fra	Til
	Plan	Målt/rapportert	Avregnet		

Priser og omsetning pr. Område	-	-	1607	Statnett	Aktør
Regulerkraftanmelding	1608	-	1610	Aktør/Statnett	Statnett/Aktør
Spesialregulering	1612	-	1614	Aktør/Statnett	Statnett/Aktør
<b>Forventet ubalanse</b>	<b>1616</b>			<b>Aktør</b>	<b>Statnett</b>

**Action:**

- Anne Stine (Elhub) was asked to update the Norwegian product code list.
- Ove will send the BRS for Schedules to NMEG for one week of commenting and thereafter publish it.

Item closed.

**10 Status for MRs to ENTSO-E**

**Background:** NMEG regularly sends Maintenance Requests (MR) to ENTSO-E.

**References (links):** The MRs can be downloaded from our NMEG Teams Team.

**What to decide,**

**discuss or inform:** Review and update of statuses for the NMEG MRs

*Status:*

MR #	Content	Status
NMEG/2024-215	Add association Related_MarketParticipant from TimeSeries class to MarketParticipant class in the Activation Market Document	<b>20250424:</b> <ul style="list-style-type: none"> <li>• Agreed by ESMP SG</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>• Sent for approval by CIM WG on June 11<sup>th</sup></li> </ul>
NMEG/2024-216	Add settlementMethod, MktPSRType, Reason and flowComodityOption + change cardinality of Market Participant	<b>20250424:</b> <ul style="list-style-type: none"> <li>• Agreed by ESMP SG</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>• Sent for approval by CIM WG on June 11<sup>th</sup></li> </ul>
NMEG/2024-217  Redmine # 7035	Addition of a Category attribute to EnergyMarket class in IEC/Market and ESMP	<b>20241023:</b> <ul style="list-style-type: none"> <li>• Approved in CIM WG.</li> </ul> <b>20250128</b> <ul style="list-style-type: none"> <li>• The MR is added to <a href="#">Redmine issue 7035</a>.</li> <li>• Jan (SE) will follow up.</li> </ul> <b>20250225:</b> <ul style="list-style-type: none"> <li>• TF16 suggest adding the Category attribute to TimeSeries instead of EnergyMarket (as originally proposed in NMEG MR 2022/205), which also is OK for NMEG.</li> <li>• Jan (SE) will follow up.</li> </ul>



MR #	Content	Status
		<ul style="list-style-type: none"> <li>• <b><i>The suggested solution is to first add the category attribute to the TimeSeries classes in IEC 62325-301 and in IEC 62325-351 (ESMP).</i></b></li> </ul> <p><b>20250320:</b></p> <ul style="list-style-type: none"> <li>• We will resubmit the MR adding the Category attribute to TimeSeries instead of to the EnergyMarket class, however after having discussed the new proposal with Svein in an NTC. If still agreed after verification by Svein, the MR will be resubmitted to ESMP SG and thereafter to WG16.</li> <li>• Ove will update the MR.</li> </ul> <p><b>20250402 (NTC):</b></p> <ul style="list-style-type: none"> <li>• We will suggest rephrasing the descriptions (notes) of the enumeration CategoryTypeList to remove references to auctions.</li> <li>• Svein also suggest to extend the code list with SuperPeak, MidPeak, Valley, DeepValley. However, these will not be used in market exchanges in the near future, hence not added to our MR. See also <a href="https://energy.referencedata.eu/">https://energy.referencedata.eu/</a></li> </ul> <p><b>Action:</b></p> <ul style="list-style-type: none"> <li>○ Ove will update the MR by changing EnergyMarket to TimeSeries and suggest removing references to “auction” in the definitions of the CategoryTypeList.</li> </ul> <p><b>20250403:</b></p> <ul style="list-style-type: none"> <li>• Submitted to BW for re-review by ESMP SG, UCA TF 16 and finally CIM WG.</li> </ul> <p><b>20250424:</b></p> <ul style="list-style-type: none"> <li>• Agreed by ESMP SG - Jan will resubmit to TF16 Redmine 7035</li> </ul> <p><b>20250604:</b></p> <ul style="list-style-type: none"> <li>• Jan (SE) resubmitted to TF16 Redmine <a href="https://redmine.ucaiug.org/issues/7035">https://redmine.ucaiug.org/issues/7035</a></li> </ul>
NMEG/2024-218	Update of Role Type descriptions in the ENTSO-E code list	<p><b>20240904, 20241007 and 20241023:</b></p> <ul style="list-style-type: none"> <li>• Reviewed by NMEG and agreed.</li> </ul> <p><b>20250128:</b></p> <ul style="list-style-type: none"> <li>• Jan (SE) submitted the MR to ENTSO-E September 4<sup>th</sup>, 2024.</li> </ul> <p><b>20250225 and 20250320:</b></p>

MR #	Content	Status
		<ul style="list-style-type: none"> <li>The MR is still discussed (ongoing) - Jan (SE) will follow up.</li> </ul> <p><b>20250320:</b></p> <ul style="list-style-type: none"> <li>Ove will send a reminder to Bhagyashree for bringing the MR to next ESMP SG meeting.</li> </ul> <p><b>20250327:</b></p> <ul style="list-style-type: none"> <li>On the ESMP SG meeting agenda for March 27<sup>th</sup>.</li> <li>The MR was part of the list of meeting documents, but not mentioned in the agenda nor in the minutes – maybe forgotten?</li> </ul> <p><b>20250507:</b></p> <ul style="list-style-type: none"> <li>Ove will send a reminder to BW</li> </ul> <p><b>20250604:</b></p> <p>The MR was updated and re-sent to BW.</p>
NMEG/2024-220	Update of ENTSO-E EDI best practices document	<p><b>20241007:</b></p> <ul style="list-style-type: none"> <li>Approved by NMEG and will be forwarded to ENTSO-E.</li> </ul> <p><b>20241023, 20250128, 20250225, 20250320, 20250507 and 20250604:</b></p> <ul style="list-style-type: none"> <li>Ongoing, i.e. being discussed withing CIM WG.</li> </ul>
NMEG/2024-223  Redmine # 7170	Add the new class CommunicationDetail to CIM_Market and ESMP	<p><b>20241216:</b></p> <ul style="list-style-type: none"> <li>First review by NMEG</li> <li>To be submitted to ENTSO-E/IEC early 2025</li> </ul> <p><b>20250108:</b></p> <ul style="list-style-type: none"> <li>Reviewed by NTC and agreed.</li> <li>The MR was sent to Jon-Egil for submission to ENTSO-E/IEC.</li> </ul> <p><b>20250114:</b></p> <ul style="list-style-type: none"> <li>Reviewed and approved by ENTSO-E ESMP SG</li> </ul> <p><b>20250128:</b></p> <ul style="list-style-type: none"> <li>Was brought up at the CIM WG meeting January 23<sup>rd</sup>.</li> <li>If approved the MR will be sent to IEC WG13/WG14/WG16 as a discussion basis.</li> </ul> <p><b>20250225:</b></p> <ul style="list-style-type: none"> <li>Approved in CIM WG</li> <li>Jan (SE) will add the issue to Redmine when asked to – to be continued.</li> </ul> <p><b>20250320:</b></p> <ul style="list-style-type: none"> <li>Jan (SE) submitted the MR to Redmine and will bring it up in WG16.</li> </ul>

MR #	Content	Status
		<b>20250507, 20250604:</b> <ul style="list-style-type: none"> <li>No news</li> </ul>
NMEG/2025-224	Add ObjectType to Area Configuration Document in ESMP	<b>20250403:</b> <ul style="list-style-type: none"> <li>Submitted to BW for approval by ESMP SG and CIM WG.</li> </ul> <b>20250424:</b> <ul style="list-style-type: none"> <li>Agreed in ESMP SG</li> <li>Ove has renamed MeteringGridAreaKind_String to AreaSubKind_String</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>MGA_Domain renamed to SubArea_Domain</li> <li>Sent to ESMP SG for approval June 5<sup>th</sup> and CIM WG June 11<sup>th</sup></li> </ul>
NMEG/2025-225	Add SettlementAmount to ERRP Reserve Allocation Result in ESMP 20250402	<b>20250403:</b> <ul style="list-style-type: none"> <li>Submitted to BW for approval by ESMP SG and CIM WG.</li> </ul> <b>20250424:</b> <ul style="list-style-type: none"> <li>Agreed in ESMP SG</li> <li>Ove has renamed SettlementAmount_Price to Financial_Price</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>Sent for approval by CIM WG on June 11<sup>th</sup></li> </ul>
NMEG/2025-226	Add ObjectType to the MarketParticipant class in ESMP	<b>20250403:</b> <ul style="list-style-type: none"> <li>Submitted to BW for approval by ESMP SG and CIM WG.</li> </ul> <b>20250424:</b> <ul style="list-style-type: none"> <li>Agreed in ESMP PG</li> </ul> <b>20250522:</b> <ul style="list-style-type: none"> <li>Rediscussed in ESMP PG <ul style="list-style-type: none"> <li>The updated MR will be rediscussed in the next ESMP SG meetings.</li> <li>Use case description must be elaborated for this MR to provide more context on the criteria for the codes Household customer, Deceased household customer, Company customer, Estate company customer.</li> </ul> </li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>The MR was updated by NMEG and forwarded to ESMP SG for review on June 5<sup>th</sup></li> </ul>
NMEG 2025-227	Add SettlementMethodKind and	<b>20250514:</b> <ul style="list-style-type: none"> <li>Agreed in NTC and forwarded to BW</li> </ul>

MR #	Content	Status
	SettlementMethodTypeList to the ENTSO-E code list	<b>20250522:</b> <ul style="list-style-type: none"> <li>Agreed in ESMP PG</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>Sent for approval by CIM WG on June 11<sup>th</sup></li> </ul>
NMEG 2025-228	Add a new quality code for "Temporary" to the QualityTypeList	<b>20250514:</b> <ul style="list-style-type: none"> <li>Agreed in NTC and forwarded to BW</li> </ul> <b>20250522:</b> <ul style="list-style-type: none"> <li>Agreed in ESMP PG</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>Sent for approval by CIM WG on June 11<sup>th</sup></li> </ul>
NMEG 2025-229	Add a new CodingSchemeTypeList code for ISO to the CodingSchemeTypeList	<b>20250514:</b> <ul style="list-style-type: none"> <li>Agreed in NTC and forwarded to BW</li> </ul> <b>20250522:</b> <ul style="list-style-type: none"> <li>Agreed in ESMP PG</li> </ul> <b>20250604:</b> <ul style="list-style-type: none"> <li>Sent for approval by CIM WG on June 11<sup>th</sup></li> </ul>

#### 10.1 NMEG/2024-218 (Update of Role Type descriptions in the ENTSO-E code list)

From ESMP SG minutes January 30<sup>th</sup>, 2025;

[Update of RoleType descriptions 20240904](#)

##### Conclusion:

- The proposal for the new attribute in the Market Evaluation Point class as well as changing the cardinality of the mRID from [1..1] to [0..1] is agreed. An MR will be discussed in the next ESMP meeting to agree the request.
- All the RoleType codes will be re-reviewed and aligned with the HEMRM & other Regulations and a clean version of the MR will be discussed in next ESMP SG meeting.

From BW:

It was agreed to align all the descriptions/role types with various regulations etc and to re-discuss the MR with a final list of role type descriptions.

I asked Jan on this in March he mentioned this:

25/03 16:47

Do we also discuss: [Update of RoleType descriptions 20240904](#)NMEG MR 2024-218 - Update of Rol...  
ext-ICTC-ICT\_Strategy-dc-cim > ESMP SG...

We agreed on this for the above MR: All the RoleType codes will be re-reviewed and aligned with the HEMRM & other Regulations and a clean version of the MR will be discussed in next ESMP SG meeting.

Owe, Jan (External) 25/03 17:44

JO

Yes, that would be relevant to come further with the updates. Some could be agreed upon quickly, I think. For some others, suggested to be deprecated, we need to check if they still are in use.



So I thought that we will take this MR once the list has been finalised, we need to review and align on these codes to draft a final MR for the next ESMP meeting.

The MR was reviewed, updated and forwarded to BW for review by ESMP SG.

Item closed.

## 11 Status for publication of ESMP v5 and establishing a status log for MRs to ENTSO-E

BW is working on the update.

## 12 Report from JWG, with a special focus on datahub topics (fixed item on the agenda)

**Background:** The Joint Working Group (JWG) is formed from experts being nominated by the DSO Entity and ENTSO-E. In addition to those experts, three different Task Forces (TFs) with nominated representatives from both organisations have been created with the aim of supporting the goals of the JWG. The main tasks of these TFs are:

**TF1:** *"Monitoring Implementing Regulations (MIR)"*

- Develop guidance to assist Member States in reporting national practices concerning access to metering data.
- Collect and monitor national practices on the implementation of the reference models for this access.

**TF2:** *"Developing Implementing Regulations (DIR)"*

- Contributing to developing future implementing acts: customer switching [change of supplier] and demand response.

**TF3:** *"Data Interoperability Modelling (DIM)"*

- Keep a repository (roles, use cases and information objects) and ensure consistency of the reference models in the Implementing Acts.
- Map the reference model to standard models and, when necessary, propose amendments, extensions, and profiles for these standard models.
- Interact and collaborate with standardization organizations.

### References (links):

#### What to decide,

**discuss or inform:** Status in the TFs.

Teemu K informed:

- JWG/TF1 is procuring the system for publishing the national implementations of the IRs.

- The EU commission has an ongoing public hearing of the IR for customer switching, see [https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/13937-Access-to-data-for-switching-electricity-supplier-requirements\\_en](https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/13937-Access-to-data-for-switching-electricity-supplier-requirements_en)
- The DR IR is expected finalised from TF2 by the end of the year. It consists of more than 30 procedures.

Ove informed that the TF3 SG are working on making the IG for switch of supplier based in the IR.

### 13 NMEG Technical Committee (NTC)

**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 February 2025):

- a) Review of needed MRs in Appendix A and (at least) submit MRs that are needed for more than one country.
- b) Finalise BRS for change of supplier, i.e. addition of new document for “End of supply”
- c) Start on new BRS for exchange of Accounting Point characteristics
- d) Continue CIM model of the grid part of the Elhub Information Model (EIM)

The members of NMEG CIM-XML Subgroup are Bent Atle, Christian, Jan (DK), Jan (SE), Jon-Egil, Mario, Rasmus, Svein, Teemu H, Teemu K and Ove.

#### References (links):

#### What to decide,

**discuss or inform:** Status for replacing older ebIX® and ENTSO-E xml documents by CIM based documents.

#### 13.1 Report from NTC meeting Wednesday May 14<sup>th</sup>, 2025

Present: Jan (DK), Jan (SE), Mario, Ove, Svein and Teemu K.

*From Mario May 7<sup>th</sup>, 2025:*

A question for Finnish and Danish DataHubs: **Do you have EndUser as one of the Parties in your data hubs?**

Elhub separates EndUser from Market Parties and there is some internal discussion lately if EndUser should be defined as one of the MarketParties.

This sounds a bit off to me, but I am interested to hear how it is defined/modelled in Fingrid and Energinet.

A short discussion shows that Denmark, Finland and Sweden treats final customers differently from the market parties. This also applies to the principles used by ebIX, who treats these as differently.

Item closed.

\*\*\*

*From Mario May 5<sup>th</sup>, 2025:*

Anyone started using Sparx EA 17 already?

I see v16 is not the latest and greatest anymore and are planning toward moving to EA 17 (nothing urgent, but I would like to avoid getting stuck on old versions, like we did with EA 14). Mario informs

that Elhub has very bad experience with letting EA versions "as is". The current plan is to start using EA 17 latest after summer vacations, preferably to run some tests sooner.

*Status:*

- Ove partly uses EA 15.2, but mostly EA 16.1
- Jan (DK) uses EA 15.2.
- Jan (SE) uses EA 15.2.
- Svein have started using EA 17 64-bit and 32-bit (in parallel). I have just downloaded yesterday's release EA 17.1. Hopefully, I have it installed this week. At ENTSO-E we have decided to move to 64-bit but still publishing the .eap (32-bit) for backwards compatibility. We will be using Cloud Server to export 32-bit .eap.
- Mario installed EA 17.1 May 6<sup>th</sup>. He expected it will not remove v16.1, but it did. However, Lemontree plugin is automatically migrated to new version. I ran some basic tests and found no issues. If something important pops up, I will let you know. We are careful this time that we don't run out of support for both Sparx EA and Lemontree, so we can ask for help if something backfires.

*From discussion:*

- Svein informed that he has suggested to publish the CIM model as a ProCloud server version. Then users may log into the ProCloud server and download a local copy in the format wanted, such as .eap or .qea.
- Svein also showed the CGMES CIM model already is published as a 64 bit version at the ENTSO-E web site, see <https://www.entsoe.eu/data/cim/cim-for-grid-models-exchange/>.

\*\*\*

The following MRs were reviewed and agreed:

- 1) NMEG MR 2025-227 - Add SettlementMethodKind and SettlementMethodTypeList to the ENTSO-E code list
- 2) NMEG MR 2025-228 - Add a new quality code for "Temporary" to the QualityTypeList
- 3) NMEG MR 2025-229 - Add a new CodingSchemeTypeList code for ISO to the CodingSchemeTypeList

Ove had as action forwarded the MRs to BW for approval by ESMP SG and CIM WG.

Ove had sent a mail to BW asking her to initiate a discussion at the next ESMP SG on May 22<sup>nd</sup> related to which format to use for the next version of ESMP, such as .eap, or .qea, 32 bit or 64 bit, or as a ProCloud server version.

\*\*\*

At the NTC meeting May 6<sup>th</sup> the following were agreed:

- Type of fee (VAT, Electricity tax, ...).
  - We suggest using chargeGroup.chargeType.type instead of mRID
- A percentage:
  - Add an association from ChargeType to Quantity
  - Add an association from ChargeType to Measurement\_Unit.
  - Use Measurement\_Unit/name = **P1** (percent)
- Price, Price unit and Currency:
  - We add associations to Price and Price\_Measurement\_Unit
  - We don't see any need for Currency\_Unit

### 13.2 Report from NTC meeting Tuesday May 27<sup>th</sup>, 2025

Present: Jan (DK), Jan (SE), Mario, Ove, Svein and Teemu K.

*From Mario:*

Do we have any key points on why is it a good idea to consider CIM in DataHubs?

I know that the Danes started with CIM in DataHub, but can't find any simple explanation as to why did they do this?

We are considering creating Elhub2CIM as part of Elhub's strategy for next year.

Jan (DK) informed that the Danish datahub had to upgrade all messages when going to Datahub v3. One of the reasons for the migration from ebIX® documents to CIM was the complex structure of the ebIX® xml schemas.

Another argument is that the JWG (DSO Entity and ENTSO-E) currently are defining CIM documents to be used for the new IGs based on the EU IRs for access to metering and consumption data, change supplier and demand response.

\*\*\*

*From Mario (information item):*

As of today, we have published market messages as git repository: <https://github.com/elhub/im-emif-files>

Documentation on dok.elhub.no will reflect these changes soon, but in short:

- We are publishing versions from now on in git (history will be easily seen and versions can be compared): <https://github.com/elhub/im-emif-files/releases>
- No more manual packing of version in documentation
- Pending changes are visible as open PRs: <https://github.com/elhub/im-emif-files/pulls>
- Main branch reflect all history, regardless of version
- History begins from current versions (due to security and practical reasons we are not publishing old versions before we started using git)

Questions and comments are more than welcomed!

\*\*\*

Ove had sent a mail to BW asking her to initiate a discussion at the next ESMP SG on May 22<sup>nd</sup> related to which format to use for the next version of ESMP, such as .eap, or .qea, 32 bit or 64 bit, or as a ProCloud server version.

However, the item was not on the agenda.

#### **Action:**

- Ove will send a reminder to BW.

\*\*\*

The last hour of the meeting was used for review of the BRS for Alignment of Accounting Point Characteristics. Among others it was agreed to discuss in the coming NMEG meeting if we should have separate BRS for:

- Alignment of Accounting Point Characteristics
- Alignment of Party Characteristics



- Alignment of Market Agreement Characteristics

\*\*\*

#### **Actions:**

- Svein will continue investigate if the grid loss parameters already are present in the CIM/Grid package
- If not, we will find a better description of how the grid loss attributes are calculated and used, and finally bring the topic to IEC, i.e. how the UseCase is used.
- Ove will make MRs based on appendix B1 to B19. B4 until B9, addition of new attributes to the MarketAgreement class, will be merged into one MR.
- Ove will continue making the first draft of a BRS for AP characteristics.
- Ove will send a reminder to BW asking her to initiate a discussion in ESMP SG related to which format to use for the next version of ESMP, such as .eap, or .qea, 32 bit or 64 bit, or as a ProCloud server version.

#### *For later meeting(s) - CGMES:*

- We will discuss (add) the attributes Elhub needs in the modelled classes.
- We will discuss further how to map Market Evaluation Point/Accounting Point to Equipment/Terminal.

#### *For later meeting(s) - downstream:*

- Review of the new BRS for exchange of Accounting Point characteristics.

## **14 Separate BRSs for Accounting Point, Party and Market Agreement Characteristics**

NTC asked NMEG for how to document the different master data documents for the downstream market, i.e.:

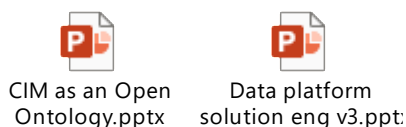
- Alignment of Accounting Point Characteristics
- Alignment of Party Characteristics
- Alignment of Market Agreement Characteristics

The conclusion was that these should be presented as different documents in a common master data BRS for the Nordic downstream energy market.

Item closed.

## **15 CIM as “an open ontology”**

The following two documents, both originating from Svenska kraftnät, suggesting CIM as “an open ontology”, was reviewed:



#### **Conclusion:**

- Jan (SE) will invite relevant experts for a presentation during our next NMEG meeting in Sundbyberg.

## 16 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.

### 16.1 Prepare Nordic positions before coming CIM WG meetings

Noting new reported.

## 17 Information (if any)

Jon-Egil informed that Svenska kraftnät will take over the NBM messaging information, i.e. maintenance and publication of documentation.

## 18 Next meetings

NMEG:

- Tuesday August 19<sup>th</sup>, 10:00 – 13:00, Teams
- Tuesday September 9<sup>th</sup> and Wednesday September 10<sup>th</sup> at Svenska kraftnät's offices in Sundbyberg

NTC:

- Wednesday June 11<sup>th</sup>, 2025, 10:00 – 12:00
- Tuesday June 17<sup>th</sup>, 2025, 13:00 – 15:00

## 19 AOB

### 19.1 "Norgespris" (information item)

Mario informed that the Norwegian government intend to offer a fixed price of electricity from the autumn. If you go for the "Norgespris" you bind yourself to this fixed price for a year. The rule is that the price is connected to the metering point and not the contract, i.e. if you by a new house the has "Norgespris", you have to stick to it until end of the contract period. Elhub will be responsible for keeping track of which metering points that has "Norgespris", however also the DSOs and Energy Supplier will need to be involved.

Item closed.

### 19.2 Load control message

Teemu K informed that service providers are ready to try out the load control functionality, such as functions to turn on and off boilers. It will be the DSOs that physically turns the on and off the load, however based on requests from the service provider sent via the datahub.

Teemu K asked if NMEG could look into what kind of messages that can be used for the purpose.

**Conclusion:**

- We will ask Svein at coming NTC meeting if he knows any standard(s) to be used.
- We will add the topic to our next NMEG agenda in August



load\_control\_throu  
gh\_smart\_meter\_FGI

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

Name	Member of
Anne Stine (NO)	NMEG
Christian (SE)	NMEG
Edel (SE)	DIA, TF3
Fedder (DK)	NMEG, CIM WG, IEC/WG16, CSSG, EEAT, ENTSO-E CIM tools, CIO/LIO
Jan (DK)	DIA, NMEG, IEC/WG16, TF2, TF3, DSS/557
Jan (SE)	DIA, NMEG, IEC/WG16+14, ESMP, TK57, TF2, TF3
Jon-Egil (NO)	DIA, NMEG, CIM WG, IEC/WG16, ESMP, CCC, CIO/LIO, NK57, TPC, TF3
Mario (NO)	DIA, NMEG, NK57, TF2
Oscar (SE)	CIO/LIO, CIM WG, TK57
Ove (NO)	NMEG, IEC/WG16, NK57, (TF3)
Svein (NO)	IEC/WG14+13, CGMES
Teemu H (FI)	NMEG, CIM WG, CIO/LIO
Teemu K (FI)	DIA, NMEG, TF2

### 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
DIA	ENTSO-E WG Data Interoperability & Access
DS S-557	Danish national IEC committee
EEAT	ENTSO-E Enterprise Architecture Team (subgroup under Dc)
ESMP	European Style Market Profile (subgroup under CIM WG)
MC	ENTSO-E Market Committee
MIT	Market Integration and Transparency (subgroup under MC)
NK57	Norsk Elektroteknisk Komite (Norsk Komité 57)
NEX	Nordic ECP/EDX Group
TF2	JWG, Task Force for the Development of the Implementing Regulations foreseen in Article 24 of the Directive (EU) 2019/944 and Reference Models (DIR)
TF3	JWG, Task Force for Data Interoperability Modelling (DIM)
TK57	Teknisk Komité 57
TPC	Transparency Platform Coordinators (subgroup under MIT)