Minutes: NMEG meeting	NMEG
Date: Thursday May 31st, 2018 Time: 09:00 –15:30 Place: Park In, Gardermoen	Nordic Market Expert Group
June 11th, 2018	

Present: Christian, DK
Fedder, DK
Hans Erik, NO
Jan, SE
Jari, FI
Jon-Egil, NO (Convenor)
Minna, FI
Ove, NO (Secretary)

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

Appendix A: "To remember list"
Appendix B: Update of NBS-guides
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:
- Codes vs enumerations (values vs text), see item 12.1
- www.ediel.org and GDPR, see item 19.1 under AOB
- RSC, see item 19.2 under AOB
- Address structure, see item 19.3 under AOB

2 Approval of previous meeting minutes

The minutes from previous meeting were approved without comments.

3 How to make a "Nordic CIM model" when "NMEG Harmonised data hub pilot project" is closed?

Background: Discussed at NMEG meeting March 2018.

Action(s): Ove will make a proposal for a high-level road map and send it on circulation for comments to NMEG within a few weeks. Finalisation will be set on the next meeting.

What to decided,
discuss or inform: 1) Finalise the high-level roadmap at this meeting.
                          2) Discuss a possible start on a Nordic downstream market BRS based on CIM.

References (links):   1) The draft roadmap will be published at [NMEG working documents.](#)
                          2) Minutes from NMEG meeting March 7th, 2018.

From Christian:

It is correct that RMG did cancel the Harmonised Nordic datahub pilot project, but I did also discuss it with Karsten and if we need Nordic common BRS's we are welcome to do so e.g. if it is needed in the IEC work.

The finalisation of the roadmap was postponed until NIT has approved the updated ToR of NMEG. Also, the discussion of a possible start on a Nordic downstream market BRS based on CIM was postponed until the ToR is approved. It was noted that the possible Nordic downstream market BRS is dependent on active involvement and ownership from the hubs. See also topic 4.

4   Resolve matters related to NIT taking over NMEG from MSC

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

Action(s):   All will discuss possible dates and agenda with their respective NEAT colleagues.
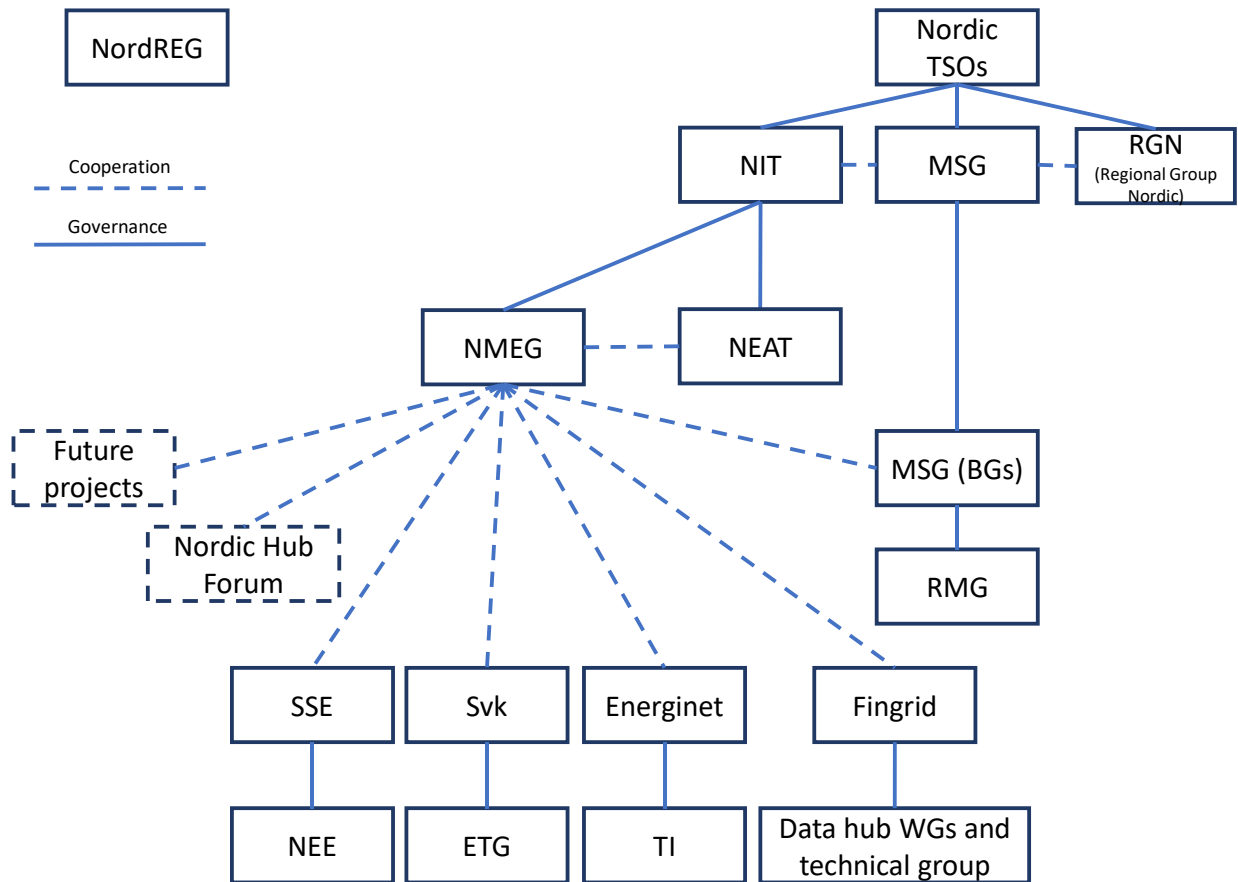
What to decided,
discuss or inform: Status for cooperation (meeting) with NEAT.
References (links):   None.

During this item a picture with NMEG governance and cooperation was made. The picture will be added to an updated ToR for NMEG:

NordREG

Nordic TSOs

NIT — MSG — RGN (Regional Group Nordic)

Cooperation
Governance

NMEG — NEAT

Future projects

Nordic Hub Forum

MSG (BGs)

RMG

SSE   Svk   Energinet   Fingrid

NEE   ETG   TI   Data hub WGs and technical group

Extract from email from Ove Morten (NO), on behalf of NEAT:

NEAT recognizes NMEG's need for formal commitment from appropriate Nordic organizations.

We also reckon that NEAT will and can be the right discussion partner and forum for mitigation of any compromises needed to be handled.

The initial thought of NEAT being the organizational head of NMEG is however not suitable in our opinion, NEAT has neither mandate nor responsibility in these matters – so we are not in the position of being able to delegate as such.

NEAT suggests that NMEG in cooperation with NEAT and NIT agrees on a charter for NME, formally approved by NIT and MSG (if this is needed to get the formal mandate and responsibilities).

NEAT has brainstormed the following bullets for NMEG Charter:
- Empowerment from NIT and support from NEAT
- Head of standardization with information structure and information sharing across borders within the Nordic countries
- Mandate to decide over Nordic IT projects in information sharing questions, regarding information model, format and communication protocol
- Responsibility to enforce Nordic decisions with respect to information sharing/transfer within the Nordics

- Obligatory stakeholder in any project involving information sharing across borders within the Nordics
- Responsibility to help Nordic projects in Standardization issues (Both Nordic and European standards)
- Close alignment with NEAT in strategic issues and with Nordic Cyber Security Group in IT-security issues.

The last bullet indicates that we should draw a map on how NIT, NEAT, NCSG and NMEG are supposed to interact.

Action:
- Ove will make a draft for a new ToR, within June 6th, including:
    - Replaced MSG with NIT
    - Add the governance and cooperation drawing
    - Make NMEG responsible for www.ediel.org and state that NIT needs a budget for the maintenance and running of the web site
    - Add decisions from Ove Morten (see "Extract from email from Ove Morten (NO), on behalf of NEAT" above)
- All are thereafter asked to review the ToR, within June 13th
- Thereafter Jon-Egil will distribute it to NEAT for comments and suggest a meeting in August (at the next planned NEAT meeting?)
- Distribute it to NIT will be done after discussions with NEAT

5   What to do with www.ediel.org?

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

Action(s):   None.

What to decided, discuss or inform: Where to find a home for www.ediel.org?

References (links):   None.

Action:
- Ove will investigate what the cost would be if Edisys take over the maintenance of [www.ediel.org.](www.ediel.org) At least three offers from hosts are needed.

6   NBS BRS for Master Data

Background: There is an ongoing task for making new Trade Structure and Resource Object (Production Unit) Master Data documents for NBS (eSett).

Action(s):   None.

What to decided, discuss or inform: Status for the new (updated) NBS documents.

References (links):

There has been several GoToMeetings between NMEG, eSett and Unicorn and a "final" updated BRS was sent on circulation for comments until today. No comments have been received, except for a request from Zdenek (Unicorn) for inclusion of CIM XML samples in the package CIM based Ediel documents.zip (similar way as for ENTSO-E documents). Unicorn need samples to complete the detail design.

Action:

- Ove will publish the BRS and related xml schemas at www.ediel.org Friday June 1st.
- Ove will make examples for the new documents and send them on circulation for comments for one week before publishing them.
    - o Ove will make a note that the BRS normative and the examples are informative

Information from after the meeting:

- Comments was received from eSett in the evening (after the meeting), hence the publication was postponed. The documents were published June 6th.

7 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.
	See mail exchange in **Appendix B**.
Action(s):	None.
What to decided, discuss or inform:	Verify that all BRSs are up to date and if not, update it (or them).
References (links):	See www.ediel.org.

No need for updates for other BRSs or documents, except for those covered by other items in the agenda.

8 BRS for Nordic Operational System

Background:	The Activation Document will be implemented in Norway and Sweden, first in Sweden (within this year), hence there is a need to update the "Operate BRS" with a CIM based Activation Document.
Action(s):	1) Ove will add a CIM based Activation Document description to the Operate BRS.
	2) Fedder and Jon-Egil will ask WG-EDI for the status in the ERRP project.
	3) Ove will make MRs for the missing Document Type Code Z15 and Reason Type Codes Z20 and Z21
What to decided, discuss or inform:	1) Verify that the update of the BRSs is OK and publish it at www.ediel.org.
	2) if we should publish the Activation Document and an Ediel version of the urn-entsoe-eu-local-extension-types.xsd, with addition of Document Type Z15 and Reason Type Z20 and Z21.
References (links):	The draft BRS is published at [NMEG working documents](#).

The reason codes (**Z20** and **Z21**) have already been agreed in WG-EDI. A MR for Document Type Code **Z15** is sent to Jon-Egil and will be forwarded to WG-EDI before their June meeting.

Action:

- Ove will publish the updated BRS for Nordic Operational System.
- Ove will publish the Activation Document and an Ediel version of the urn-entsoe-eu-local-extension-types.xsd, with addition of Document Type **Z15**.
- For next meeting, Ove will add the CIM document from [Balancing Publication Implementation Guide](#) in the BRS for Nordic Operational System.
- Ove will make a MR for a new Business Type "**Z69** Metered frequency" and addition of Measure Type **HTZ (Hz)** to the ENTSO-E code list, in due time before next WG-EDI meeting, June 18th.

9   XML schemas

Background:	The NMEG set of schemas, including extended table with TSO columns, are shown in Appendix C.
Action(s):	1) 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 (continued).
What to decided, discuss or inform:	1) 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.
References (links):	1) The NMEG set of schemas are shown in Appendix C.

The item was postponed.

10 NMEG CIM based Capacity Document for multiple NEMOs project

Background:	The item concerns the exchange of information the TSOs and NEMOs related to capacities and flows and a proposal to use the CIM based Capacity Document.
Action(s):	Fedder will discuss how the Period is meant to be used in the WG-EDI meeting April 24th and 25th and the status will be added to next meeting agenda.
What to decided, discuss or inform:	Status for the mini project; "NMEG CIM based Capacity Document for multiple NEMOs project".
References (links):	None.

The project is ongoing. The solution seems to be using a new Curve Type (point type).

The item is closed.

11 Addition of Metered Data Administrator (MDA) to the Harmonised Role Model

Background:	Since RMG is put on "low gear", NMEG has made a memo arguing for the addition of the MDA and sent it to the Nordic hubs, asking for their position.
Action(s):	None.
What to decided, discuss or inform:	Status for response from the Nordic hubs.
References (links):	None.

The item will be followed up as a sup topic under item 3 above. It will probably also be an item in the new ebIX® "hub-project".

12 Review of Codes used in the in the Nordic countries

Background:	NMEG has started to compare codes used in the Nordic countries, starting with Business Reason Codes and thereafter Error Codes. The comparison of the usage of different code lists between the Nordic countries may at a later stage be a useful input to a Nordic harmonisation process. Hence, the task of comparing code lists will continue.
Action(s):	Finland will find possible error codes that will be used in the Finish data hub.
What to decided, discuss or inform:	Review of error codes.
References (links):	None.

The conclusion is that nether the Business Reason codes, nor the error codes are easy to harmonise. Hans Erik proposed to establish a mini project for the initiated Nordic Hub Forum to come up with a complete list of harmonised error codes, that may improve an efficient operation of BRSs.

The item will be put on the agenda after the ToR and governance have been approved by NIT. The item will be followed up as a sup topic under item 3 above.

12.1 Codes vs enumerations (values vs text)

Jan presented some principles for enumerations, e.g.:
   a) Self-explanatory free text (e.g. Status = "read")
   b) Recognisable based on standard and context (e.g. country codes "SE", "US", "NO")
   c) Transparent based on standard (e.g. time period "PT1H")
   d) Synthetic code with a value (e.g. "A123")

Conclusion:
   - Alternative a) above should be avoided since:
       o It is easy to make spelling differences in clear text, such as different usage of upper/lover cases etc.
       o There may be differences in granularity.
       o Problems with future harmonisation.

Action:

   - Ove will add the conclusion to the common Nordic rules and recommendations.

The item is closed.

13 Common file sharing area for NMEG

Background:	Hans Erik has asked if we can get a common file area for the NMEG work, similar to what NRMG/NCEG have had. Hans Erik's experience is that this makes distribution of documents easier, incl. overview and history.
Action(s):	Jon-Egil will contact Nina Kujala at Fingrid.

What to decided,
discuss or inform: Not applicable.

References (links):   None.

Action:

- Jon-Egil will verify if we can use the Statnett e-room instead.

14 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.

Action(s):
1) Jan and Fedder will check the dependency matrix for ESS schedule document and ESS confirmation report, chapter 7.1 and 7.3.
2) Fedder, Jan and Jari will verify if "**A09** Finalised" is (will be) used for the ERRP Planned Resource Schedule Document from BRP to SO, or if it is only "**A14** Resource Provider Resource Schedule (Operational schedule)" that will be used (as in Norway), ref. chapter 7.4 in the Schedule BRS;
SvK and Fingrid will be using A14. Energinet is pending.
3) Everyone should verify and possibly update the "Used in" column in chapter 7.4.3;
4) Jari will find Finnish usages of Business types in chapter 7.4.4;
5) Everyone should verify and possibly update the "dependency matrix" in chapter 7.4.5.

What to decided,
discuss or inform: Review of chapter 7 and the rest of the BRS.

References (links):   The draft BRS can be downloaded from [NMEG working documents](#).

The item was postponed.

15 Status for MRs to ENTSO-E

Background: NMEG has sent several Maintenance Requests (MR) to ENTSO-E during the last years and some of these (about 10 MRs) has been postponed by WG-EDI. In addition, two new MRs were sent to WG-EDI after the previous meeting.

Action(s):   None.

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

References (links):   The MRs can be downloaded from [NMEG working documents](#).

Two of the Nordic MRs are approved:

- Rephrased definition of Business Type **A74:** "A time series providing the schedule information for the Load Frequency Control Program"
- Addition of a new Role Type Code for ESCO: "**A45** Energy Service Company ESCO"

Action:

- Ove will check if any BRSs need to be updated.

16 Review of Appendix A, "To remember list"

The "To remember list" was reviewed and cleaned up.

17 Information (if any)

Denmark has informed ebIX® that they will leave ebIX®.

18 Next meeting

Thursday August 30th, 09:00 – 16:00, Helsinki (Alternatively September 11th, if this fits better for NEAT)

19 AOB

19.1 www.ediel.org and GDPR

Background: ebIX® is cleaning up their web-site, including:

- removal of all email addresses from the web site, minutes and published documents.
- Sending a request for consent to all with their name in published minutes.
- Removal of all published minutes older than 3 years.
- Creation of two new generic email addresses; two new email addresses; chair@ebix.org and secretary@ebix.org.
- Publication of a "privacy policy" (ebIX® privacy regulation)

Action(s): None.

What to decided, discuss or inform: Should we do similar actions for www.ediel.org?

References (links): www.ebix.org.

Action:
- Ove will make a draft privacy policy based on ebIX® and Elhub policies and clean up the web-site:
  - Remove all email addresses from the web site and future minutes and future published documents;
  - For future minutes we will use participant lists with only first name and country;
  - Keep member list at web site without email or other addresses;
  - Minutes will be removed after three years;
  - Existing BRSs, minutes etc. with names and addresses will be kept.
- Ove will make a zip file with all existing minutes and distribute to the NMEG members.
- Jon-Egil will verify if we can use the Statnett e-room.

19.2 RSC

From email from Fedder (Ove, DK):
- Statnett's position er den, at de ønsker at procurement indeholder begge standarder. De øvrige bakker op om beslutningen.

- Jens eskalerer til RGN og Supervisory board, at styregruppen ikke bakker op omkring d et mandat, der er givet til NMEG.
- Styregruppen bakker op om, den proces som Martin og Jeg har igangsat. Den går ud på – som aftalt med NMEG – at Martin og jeg laver en BRS (vi kalder den Information Exhange Overview) som sammen med den abstrakte information model viser, hvilke information exchanges, der er nødvendigt for at understøtte de skitserede forretningsprocesser. Herefter samarbejder vi med NMEG for at få besluttet de tekniske standarder, der skal anvendes for hver enkelt interaktion.
- Statnett ønsker, at der er repræsentation af CGMES eksperterne i mødet mellem os og NMEG – hvilket jeg mener er OK.

See also extract from email from Ove Morten (NO), on behalf of NEAT, in item 4.

Conclusion:
- Jon-Egil will send the mail from Ove Morten (NO) and the "old ToR" to Jens (DK) with a copy to Fedder and Ove (DK)

19.3   Address structure

Finland has an ongoing discussion on how to define the address structure of the hub. The following address structure has been proposed from Fingrid, which has more attributes in the Postal Address class than the currently used structure:

The following structures are used in the other Nordic countries and ebIX®:

Denmark:

«BusinessEntity»
NotifyMPCharacteristics

«represents»

«InfEnvelope»
Notify MasterData MP

«MA»
DK_NotifyMasterDataMeteringPoint

+Assembly 1

«ASMA» +Process
0..1

«ABIE»
Energy_Context
«EBIE»+Energy_BusinessProcess : BusinessReason_CodeType [1]
«EBIE»+Energy_BusinessProcessRole : BusinessRole_CodeType [1]
«EBIE»+Energy_IndustryClassification : SectorAreaIdentification_CodeType [1]
«EBIE»+OriginalBusinessMessage : IdentifierType [1]

«Subset»
«ENUM»
BusinessReasonCode
D15{codeName = "Incorrect settlement"}
D16{codeName = "Incorrect connection status"}
D17{codeName = "Update masterdata settlement"}
D18{codeName = "Update charge information"}
D19{codeName = "Meterstand"}
D20{codeName = "Electrical heating"}
D21{codeName = "Move-in caused by other reason"}
D22{codeName = "Servicerequest"}
D23{codeName = "Resolution not correct"}
D24{codeName = "Move-in to balance supplier of last resort"}
D25{codeName = ""}
D26{codeName = "Missing flex time series"}
D27{codeName = "Missing profiled reading"}
name = "Proposal contact information"}
me = "Secondary move-in"}
me = "Switch with short notice"}
me = "Transfer metering point"}
pe = "Correction settlement"}
me = "Incorrect move"}
me = "End supply due to rejected reallocate"}
me = "Move-in to balance supplier of last resortContinue supply due to rejected reallocate"}
D36{codeName = "Continue supply of customer"}
D37{codeName = "Cancel service request"}
D38{codeName = "End of supply with short notice"}
D39{codeName = "Product Obligation"}
D40{codeName = "Removed parent relation on meteringpoint"}
{codeName = "No disconnection of meteringpoint"}
me = "Periodic flex metering"}
me = "Historical information about consumption"}
me = "Process cancelled by requesting party"}
me = "Process cancelled by ITX"}
"draft", codeName = "Data alignment for master data metering point"}
me = "U

«ABIE»
Energy_Document
«EBIE»+Identification : IdentifierType [1]
«EBIE»+Document_Type : DocumentName_CodeType [1]
«EBIE»+Creation : DateTimeType [1]

+Header
0..1

«ASMA»

«ASBE»

«ABIE»
MasterData_MP_Event
«EBIE»+Identification : IdentifierType [1]
«EBIE»+Occurrence : DateTimeType [0..1]
«EBIE»+OriginalBusinessDocument : IdentifierType [0..1]
«EBIE»+Metering_Installation : Meter_Facility [0..1]
«EBIE»+Child : Related_MeteringPoint [0..*]
«EBIE»+Parent : Related_MeteringPoint [0..1]
«EBIE»+Meter_Installation : Meter_Characteristic [0..1]
«EBIE»+Function : DocumentFunction_CodeType [0..1]

«ASBE»

+Payload 1..*

«ASBE»

+Recipient
+Sender
1

«ABIE»
Energy_Party
«EBIE»+Identification : Party_IdentifierType [0..1]
«EBIE»+Role : BusinessRole_CodeType [0..1]
«EBIE»+Name : TextType [0..1]

«Subset»
«ENUM»
MPReadingCharacteristicsCode
D01{codeName = "Automatic meter reading"}
D02{codeName = "Manual meter reading"}

«ASBE»

+Business Process 0..1

«ABIE»
Reference_Identity
«EBIE»+Identification : IdentifierType [1]

Not used for Notify

«ASBE»

+Detail 0..1

«ABIE»
MeteringPoint_Characteristic
«EBIE»+EstimatedAnnualVolume : TextType [0..1]
«EBIE»+SettlementMethod : SettlementMethod_CodeType [0..1]
«EBIE»+PhysicalStatusOfMeteringPoint : Physical_Status_CodeType [0..1]
«EBIE»+ScheduledMeterReadingDate : TextType [0..*]
«EBIE»+MPReadingCharacteristics : MPReadingCharacteristics_CodeType [0..1]
«EBIE»+TypeOfMeteringPoint : MeteringPointType_CodeType [0..1]
«EBIE»+SubTypeOfMeteringPoint : MeteringPointSubType_CodeType [0..1]
«EBIE»+ContractedConnectionCapacityQuantity : Integer_QuantityType [0..1]
«EBIE»+ContractedConnectionCapacityProductType : EnergyProductIdentification_CodeType [0..1]
«EBIE»+MeterReadingOccurrence : TextType [0..1]
«EBIE»+HourlyTimeSeries : IndicatorType [0..1]
«EBIE»+NetSettlementGroup : TextType [0..1]
«EBIE»+MeteringPoint : Domain_Location [0..1]
«EBIE»+MeteringGridAreaUsed : Domain_Location [0..1]
»+ToGrid : Domain_Location [0..1]
»+FromGrid : Domain_Location [0..1]
»+MeterInstallation : Meter_Characteristic [0..1]
»+ProductionObligation : IndicatorType [0..1]
»+PowerPlant : Domain_Location [0..*]
»+IgnoreMandatoryLimit : Indicator
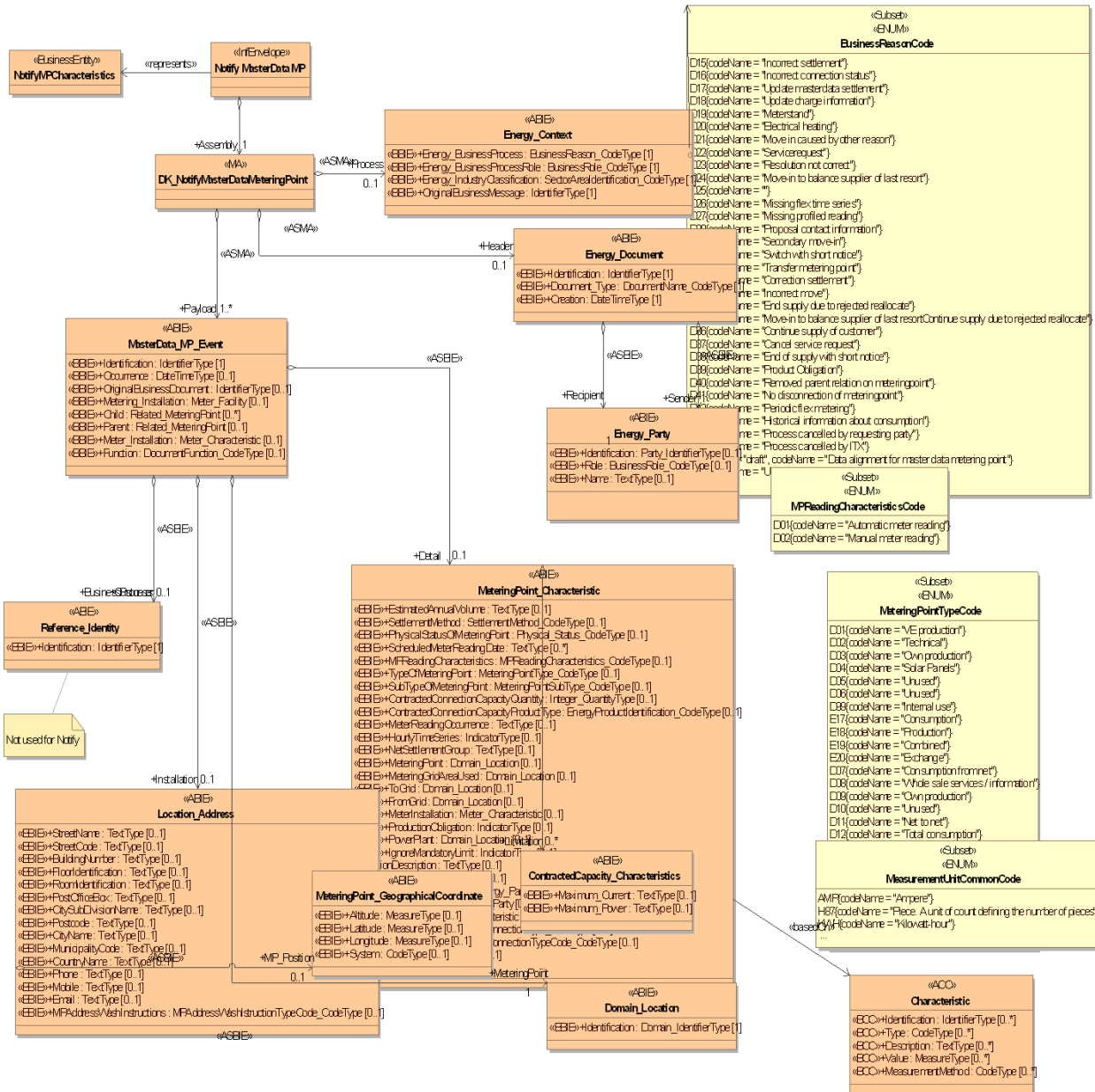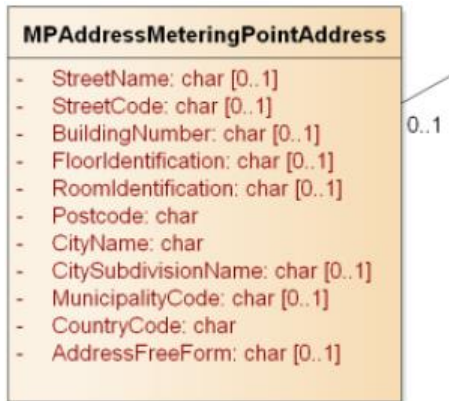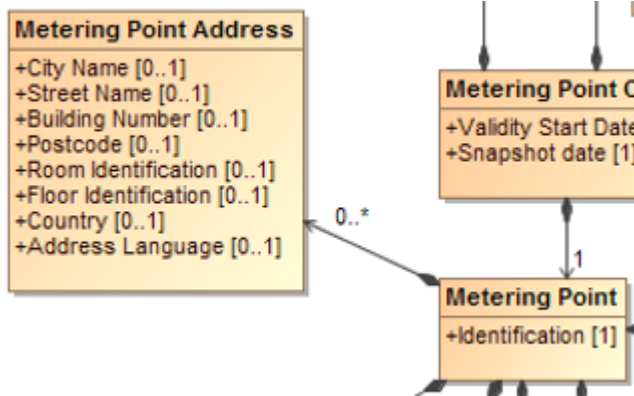ionDescription : TextType [0..1]

«Subset»
«ENUM»
MeteringPointTypeCode
D01{codeName = "VE production"}
D02{codeName = "Technical"}
D03{codeName = "Own production"}
D04{codeName = "Solar Panels"}
D05{codeName = "Unused"}
D06{codeName = "Unused"}
D99{codeName = "Internal use"}
E17{codeName = "Consumption"}
E18{codeName = "Production"}
E19{codeName = "Combined"}
E20{codeName = "Exchange"}
D07{codeName = "Consumption from net"}
D08{codeName = "Whole sale services / information"}
D09{codeName = "Own production"}
D10{codeName = "Unused"}
D11{codeName = "Net to net"}
D12{codeName = "Total consumption"}

«Subset»
«ENUM»
MeasurementUnitCommonCode
AMP{codeName = "Ampere"}
H87{codeName = "Piece. A unit of count defining the number of pieces"}
KWH{codeName = "kilowatt-hour"}
...

«ABIE»
ContractedCapacity_Characteristics
«EBIE»+Maximum_Current : TextType [0..1]
«EBIE»+Maximum_Power : TextType [0..1]

«ABIE»
Location_Address
«EBIE»+StreetName : TextType [0..1]
«EBIE»+StreetCode : TextType [0..1]
«EBIE»+BuildingNumber : TextType [0..1]
«EBIE»+FloorIdentification : TextType [0..1]
«EBIE»+RoomIdentification : TextType [0..1]
«EBIE»+PostOfficeBox : TextType [0..1]
«EBIE»+CitySubDivisionName : TextType [0..1]
«EBIE»+Postcode : TextType [0..1]
«EBIE»+CityName : TextType [0..1]
«EBIE»+MunicipalityCode : TextType [0..1]
«EBIE»+CountryName : TextType [0..1]
«EBIE»+Phone : TextType [0..1]
«EBIE»+Mobile : TextType [0..1]
«EBIE»+Email : TextType [0..1]
«EBIE»+MPAddressWashInstructions : MPAddressWashInstructionTypeCode_CodeType [0..1]

+Installation 0..1

«ABIE»
MeteringPoint_GeographicalCoordinate
«EBIE»+Altitude : MeasureType [0..1]
«EBIE»+Latitude : MeasureType [0..1]
«EBIE»+Longitude : MeasureType [0..1]
«EBIE»+System : CodeType [0..1]

+MP_Position
0..1

«ABIE»
Domain_Location
«EBIE»+Identification : Domain_IdentifierType [1]

«ACO»
Characteristic
«BCO»+Identification : IdentifierType [0..*]
«BCO»+Type : CodeType [0..*]
«BCO»+Description : TextType [0..*]
«BCO»+Value : MeasureType [0..*]
«BCO»+MeasurementMethod : CodeType [0..*]

«based»

«ASBE»

Sweden:

Has also as split the address class into separate attributes for address name, street number etc.

Norway (Elhub):

MPAddressMeteringPointAddress

- StreetName: char [0..1]
- StreetCode: char [0..1]
- BuildingNumber: char [0..1]
- FloorIdentification: char [0..1]
- RoomIdentification: char [0..1]
- Postcode: char
- CityName: char
- CitySubdivisionName: char [0..1]
- MunicipalityCode: char [0..1]
- CountryCode: char
- AddressFreeForm: char [0..1]

0..1

ebIX®:

Metering Point Address

+City Name [0..1]
+Street Name [0..1]
+Building Number [0..1]
+Postcode [0..1]
+Room Identification [0..1]
+Floor Identification [0..1]
+Country [0..1]
+Address Language [0..1]

0..*

Metering Point C

+Validity Start Date
+Snapshot date [1]

1

Metering Point

+Identification [1]

Appendix A "To remember list"

Item #	Item	Description	Status
1.	EMFIP Configuration Market Document	Within EMFIP there is a document called Configuration Market Document. NTC don't think that the document can be used for any master data, outside of the transparency platform, in the foreseeable future. However, the topic should be kept in mind and we might get questions why we didn't use it. At a later stage, NEG might do some work to influence the European standards.	TBD

Appendix B   Update of NBS-guides

From Jan:

I have noted a few things in our NBS-guides
1) in the TSO – MO guide:

On page 44 in the figure there is a textbox with "Added for the Nordic countries", but not linked anywhere.

From Ove:
- The text box should probably be removed – there are no additions compared to the ENTSO-E document, except for the Settlement Amount, which has a separate text box.

2) in the same guide.

In the dependency matrix in 5.3.4, there is always specified a Reason Code. But the class Reason is not required.

Is there, or will there, be a case when a Reason Code will not be specified? Should we not state that Reason is required, or at least always used?

From Ove:
- Probably an error, propose to make the Reason class required.

3) In the XML-files for E66 messages (see the user guide), we are specifying "`listAgencyIdentifier="330"`" for the UnitType.

But the units are not NEG codes, why then specify "330"? However, perhaps it is an ebIX® requirement to specify a listAgencyIdentifier?

From Ove:
- Yes, the listAgencyIdentifier is required for Unit in ebIX® XML schemas. And, we decided in NTC for some years ago that we always use 330 for Units, Roles and Quantity Quality. From Minutes NTC-NBS 20140509:

Appendix D NBS XML schema review
D.2.1 General changes
.....

C) "*list Agency Identifier*" for UN/CEFACT codes (Unit Type, Roles, Quantity Quality...)?

a. We change "**260**" (ebIX®) to "**330**" (NEG), since we then are able to add new Nordic codes without changing *scheme Agency Identifier*

4) What about the currency? The guides permit different currencies, but perhaps only EUR is used in reality? However, we should not change if it is possible to use another currency.

From Ove:
- Don't we use NOK and SEK (and maybe in the future DKK)?

When we update the BRS, Ove propose to rename NEG to Ediel and update the introduction.

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

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

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