All NEMO Intraday Operational Agreement (ANIDOA)

ANNEX 6
Technical requirements

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I.- Introduction

This <u>Annex 6 (Technical requirements)</u> to the Agreement contains technical requirements related to the Agreement.

For the purpose of this Annex, all capitalized terms not expressly defined herein shall have the meaning attributed to them in <u>Annex 1 (Definition list).</u>

Section I.- Comunication Network & Rack Space

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Section II. Technical provisions regarding PMI

Section II.1- PMI Interface

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<u>6:</u> The XBID PMI upgrade process shall apply in the same way for both ordinary release upgrades as emergency upgrades.

<u>7:</u> All information concerning the XBID PMI upgrade shall be shared in full transparency between all NEMOs and the XBID System Service Provider.

8: All change requests should contain a section which will evaluate an impact on PMI for change and release management.

Section II.2- PMI logger

The NEMOs support the usage of the monitoring tool provided that the cumulative conditions set forth in this section are complied with.

These conditions are deemed necessary since representatives of the NEMOs will have access, for the purpose of the monitoring of the functioning of the XBID Solution, to information about:
i)   each order (price and quantity);
ii)   the type of product; and
iii)   the NEMO on which order was submitted.

Any access to additional information shall be subject to a NEMO ID SC decision.

This data constitutes Confidential Information, is commercially sensitive and competition law can require certain restrictions in terms of access and usage. Specifically, any exchange of information between competitors triggers a competition law risk that depends on the following criteria:
i)   the historicity / accuracy of the data;
ii)   individualised / aggregated data.

1.   **Authorised usage**

Apart operations, the use of market data, incl. PMI logging output files, will only be authorized for the monitoring purposes (potential additional usages shall be subject to a NEMO ID SC decision). The authorized usage of the monitoring tool will be limited to:
i)   monitoring of the performance of the XBID System;
ii)   monitoring of the compliance of each Party with the prohibition to connect more than one LTS to the XBID System; and
iii)   monitoring whether only agreed fields of the messages are used.

2.   **Authorised users**

Access shall be restricted to a list of authorized users, which need to be associated to respective working group/role in the concerned NEMOs. The list shall be uploaded on the specific "NEMO only" section of the online storage tool called "Projectplace" or a similar tool, where the information will be accessible to all NEMOs at the same time.

In respect of the disclosure of data, the Parties shall comply with the provision on the disclosure of Confidential Information set forth in <u>Article 29 (Confidentiality)</u> of the Agreement. In addition, any other measure of restriction necessary to prevent the disclosure of data within each company shall apply.

3.   **Report**

The report shall be generated in an automated way and the template shall be jointly agreed among the NEMOs. The purpose of the report is to present the results to a wider audience (e.g. NEMO ID SC members).

The expectation is that the report shall:
i)   contain only non-individualised data *(NB. individualized data is not available in first instance but no PX should be forced to reveal it)*; and
ii)   focus on the purpose of the reporting (eg. no reference to a specific order or any information that could be used from a business point of view).

4. Grace period

The duration of the grace period is 2 days, after this period this data will be available for all Operational NEMOs at the same time.

Section III. Technical provisions regarding day to day operation

Section III.1 Number of XBID-API SOB PMI Exchange Users

Except if otherwise agreed in writing between the Parties (including by way of a NEMO ID SC decision), each Party can have only one (1) primary XBID-API SOB PMI Exchange User to connect to the XBID System as well as only one (1) backup XBID-API SOB PMI Exchange User to be used in case of technical problems with primary XBID-API SOB PMI Exchange User. Only one (1) XBID-API SOB PMI Exchange User can be logged into the XBID-API SOB PMI at the same time.

Section III.2 Restriction on unsupported data use

The Parties agree not to make use of any XSD messages or message fields or fields values that are not described in the DFS510 – AMQP Public Message Interface – Trading XBID-API SOB PMI specification. In case of breach of this commitment by a Party, Article 30.2.9 of the Agreement shall apply.

Section III.3 Communications between the LTS and the XBID System

All communication between LTS and the XBID System shall be done in an anonymized manner. Data should be anonymized, based on the standards used in the single day ahead market coupling and legal requirements (e. g. the CACM Regulation).

Section III.4 Access to NEMO Central Admin

To the extent all Operational NEMOs shall be technically granted access to the SOB and SM via the Central Admin profile it received, it is understood that only one Operational NEMO at the time shall be authorised to perform the tasks related to the NEMO Central Admin role.

As a result of the access to the SOB and SM, each Operational NEMO has the technical possibility to access the configuration parameters of the Parties.

Each Operational NEMO undertakes that as long as it is not performing the NEMO Central Admin role, it shall neither access nor modify the configuration parameters of the other Parties and it shall take all necessary and appropriate measures and shall ensure that the configuration parameters of the other Parties are not accessed nor modified.

The NEMO performing the tasks of the NEMO Central Admin can change the configuration parameters of another NEMO only in the cases permitted according to Annex 7 (NEMO Operational Procedures), in particular in the document with the title "XBID_NEMO_OTH_03 - XBID NEMO Admins". The NEMO Central Admin shall take all necessary and appropriate measures and shall ensure that the configuration parameters of the other Parties are not changed, in other cases than those permitted according to Annex 7 (NEMO Operational Procedures), in particular in the document with the title "XBID_NEMO_OTH_03 - XBID NEMO Admins".

Section III.5 Dispute button

The Dispute button functionality of the XBID System (Dispute management) allowing for disconnecting another Party, will not be used.

Section IV. REMIT reporting

In accordance with Article 17.4 of the Agreement, the Parties shall take into account the table below when fulfilling their reporting obligations under REMIT.

Table 1 – REMIT reporting

Title	Description
Contract naming	ContractID & ContractName are unique per organised market place,as defined in Implementing Regulation 1348/2014 of 17/12/2014 on data reporting implementing article 8.2) and 8.6) of Regulation (EU) No 1227/2011 of the European Parliament and of the Council on wholesale energy market integrity and transparency. As each NEMO is a separate Organised Market Place this does not have to be aligned. In case of a cross-NEMO trade, the delivery period of the linked contract must of course be the same for each NEMO.

Reporting of User defined blocks	User defined blocks (UDB) in the XBID System consist of a consecutive series of underlying hourly base contracts. When reporting orders & trades for these UDB two supported approaches are recognized:
	1. Report UDB sliced to its underlying contracts
	    This means an order/trade on a UDB will be reported as separate orders/trades on the hour contracts that the user defined block is constructed off
	
	2. Report UDB as additional contracts
	    This means that for every unique UDB for which at least one order/trade has been entered an extra contract is added to the REMIT report. The orders & trades on this UDB are then linked to this contract without slicing
	
	Both options are supported in REMIT reporting. NEMOs participating in SIDC should use one of these approaches in their REMIT reporting of SIDC orders and trades on UDB.

Trade > Unique transaction identifier	The unique transaction identifier, as defined in the annex to Implementing Regulation 1348/2014 of 17/12/2014 on data reporting implementing article 8.2) and 8.6) of Regulation (EU) No 1227/2011 of the European Parliament and of the Council on wholesale energy market integrity and transparency, naming convention should be aligned between the NEMOs in case of a cross-NEMO trade. ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ Additionally the "additionalUtiInfo" element should be used to allow ACER to link cross-NEMO trades, where each half trade is reported by a different Organised Market Place. This element should contain the same value for all trades done in the XBID System. **TradeReport/uniqueTransactionIdentifier/additionalUtiInfo:** XBID
Trade > Transaction timestamp	The timestamp of trades must be aligned among the NEMOs. Therefore the execution time as provided by the XBID System must be used ▮▮▮▮▮▮▮▮▮▮▮

Section V. Monitoring of the performance of the XBID System

The performance of the XBID System will be closely monitored with regard to the SLA and/or system boundaries as well as the technical capability of the XBID System.

1. In case any underperformance is identified (at the latest based on the monthly SLA reports), the Operational NEMOs will raise the matter and organise immediately a joint discussion among the Operational NEMOs in order to identify measures which will ensure robust operation. All products and product's parameters will be subject of the discussion in the following order:The parties commit to enter in negotiations with the XBID System Service Provider to solve the issue and find a technical solution, covering all parameters which could be revised with the aim to achieve a robust operation.

2. If the underperformance is caused by a particular product or product's parameter, then the Parties agree that the products and/or modification of product's parameters causing the underperformance will be removed from operations as of the next delivery day and until a technical solution is reached.