

REMIT reporting and UMM data collection schema modifications

ENTSOG proposal

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Background

Overview



Background

- > **ENTSOG Proposal for REMIT Schema changes – January 2016**
- > **ENTSOG Proposal for UMM Schema No 2 modification – April 2016**
- > **ACER Survey for REMIT Schema changes – 22 October 2016**
- > **ENTSOG Response to ACER Survey for REMIT Schema changes – 18 November 2016**



Sat 10/22/2016 10:13 AM

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Invitation for proposing schema changes - RRM User Group

Dear all,

In the light of future ARIS upgrades and agreement at the last RRM user group webinar we would appreciate your proposals for the ARIS schema changes. Thus, we are inviting you to propose changes until 20 November using the link below

http://surveys.acer.europa.eu/eusurvey/runner/schema_changes

Thank you for your valuable feedback.

Kind regards,

REMIT team



Overview



Scope of ENTSOG proposal for REMIT Reporting Schema changes

- > **ENTSOG and TSOs' reporting schema only**
 - Gas Capacity Allocation schema
 - Contract Market Monitoring schema
- > **Structural and non-structural modifications**
 - Allowing additional values for existing schema attributes
 - Introduction of new schema attributes
- > **Goal**
 - To improve the quality, completeness and usability of the reported data
 - To facilitate the reporting process
- > **Recommendation to ACER**
 - The market should be given at least 12 months for implementation of any schema changes, approved after official Public Consultations



Overview



Scope of ENTSOG proposal for UMM Data Collection Schema changes

> **Gas facilities related schema only**

- Unavailabilities of gas facilities schema (UMM Schema No 2)

> **Structural and non-structural modifications**

- Allowing additional values for existing schema attributes
- Introduction of new schema attributes

> **Goal**

- To provide as much as possible information to the market
- To solve existing issues imposed by the limitations of UMM Schema No 2

> **Recommendation to ACER**

- The market should be given at least 12 months for implementation of any schema changes, approved after official Public Consultations
- To implement the proposed UMM Schema changes before the start of UMM data collection from the individual Market participants' websites



Proposal for modification of the Gas Capacity Allocation schema



Gas Capacity Allocation schema

CURRENCY.CODE

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	The currency in which the monetary amount is expressed.
Description	<p>This information defines the currency of the monetary amounts within the electronic document.</p> <p>This corresponds to TRUM field 17.</p> <p>The permitted values are three-letter alphabetic currency codes as defined/established by the standard ISO 4217.</p>
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.
Motivation for the change	<p>In 9 EU Member States the local currency is different than Euro. All transactions at those countries are executed in local currencies. The monitoring of transactions should be based on the data and conditions that the Market Participants were aware of and familiar with at the moment of placing their orders and concluding their trades. The conversion into Euro at the time of the reporting and the reverse recalculation into local currency at the time of the NRA's monitoring could lead to incoherent information about one and the same transaction. The exclusive use of Euro as single currency for REMIT reporting purposes is clearly discriminatory for the TSOs from the Non-Euro Zone Member States, since it is not required neither by REMIT regulation, nor by Tariff or any other NC and it led to delays and much higher implementation cost for the RRM/TSOs from those countries.</p>



Gas Capacity Allocation schema

ISSUER_MARKETPARTICIPANT.MARKETROLE.CODE

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	Identification of the role that the party who has issued the document is playing.
Description	The role being played by the issuer of the document for this transmission. The following roles are permitted for this document: ZSO = System Operator ZUJ = Auction Office ZUF = Capacity platform operator ZUA = Market Information Aggregator (Reference Edig@s RoleType code list)
Size	The maximum length of this information is 3 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.
Motivation for the change	The currently allowed field values do not cover the case and do not offer possibility for defining the right market role of the reporting entity when a Solution provider company (Technical Manager of a system – TSO's parent or subsidiary company) is reporting data to ACER on behalf the TSO and the related undertakings with the same holding/company group.



Gas Capacity Allocation schema

PROCESS_TRANSACTION.TYPE

PROPOSAL FOR CHANGE															
ACTION	DESCRIPTION														
Definition of element	The type identifies the nature of transportation transaction to be reported in accordance with current applicable industry standards as specified by gas network code on Interoperability and data exchange. This corresponds to TRUM field 9.														
Description	<p>The type of product that was allocated. The following codes are permitted:</p> <table border="0"> <tr> <td>ZSW = Ascending clock auction</td> <td>XYZ* = Over-nomination</td> </tr> <tr> <td>ZSX = Uniform price auction</td> <td>YZX* = Open Subscription Window</td> </tr> <tr> <td>ZSY = First come first served</td> <td>ZXX* = Open season</td> </tr> <tr> <td>ZSZ = Secondary market procedure</td> <td>YXX* = Storage allocation</td> </tr> <tr> <td></td> <td>XXZ* = Non-ascending clock pay-as-bid auction</td> </tr> <tr> <td></td> <td>XXY* = Conversion mechanism</td> </tr> <tr> <td></td> <td>XZY* = Other process</td> </tr> </table> <p><i>*Appropriate codes must be proposed by the Agency/Edig@s WG</i></p>	ZSW = Ascending clock auction	XYZ* = Over-nomination	ZSX = Uniform price auction	YZX* = Open Subscription Window	ZSY = First come first served	ZXX* = Open season	ZSZ = Secondary market procedure	YXX* = Storage allocation		XXZ* = Non-ascending clock pay-as-bid auction		XXY* = Conversion mechanism		XZY* = Other process
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ZSZ = Secondary market procedure	YXX* = Storage allocation														
	XXZ* = Non-ascending clock pay-as-bid auction														
	XXY* = Conversion mechanism														
	XZY* = Other process														
Size	<p>The maximum length of this information is 3 alphanumeric characters.</p> <p>In case of Other process, the maximum length of this information is 50 alphanumeric characters.</p>														
Applicability	This information is optional.														
Dependence requirements	None.														
Motivation for the change	Additional codes for designation of all transaction types are needed. The current list of permitted codes is not complete and does not provide identification of processes like: Over-nomination; Open Subscription Window; Open season; Storage allocation; Non-ascending clock pay-as-bid auction and etc. With the aim to avoid future schema changes due to non-exhaustiveness of the list of the allowed attribute values and identified processes, we are suggesting special coding for 'Other process' type to be accepted as well.														



Gas Capacity Allocation schema

PRIMARY_MARKETPARTICIPANT.IDENTIFICATION – CODINGScheme

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	The identification of the market participant to which the capacity is assigned.
Description	<p>The market participant to which the capacity is assigned is identified by a unique coded identification. This corresponds to TRUM field 27.</p> <p>The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate</p> <ul style="list-style-type: none"> • the code “305” for an EIC party code; • the code “A01” for an ACER code; • the code “ZSO” for a TSO managed code.
Size	<p>The maximum length of a primary market participant’s identification is</p> <ul style="list-style-type: none"> • 16 alphanumeric characters in case of 305 coding scheme; • 16 alphanumeric characters in case of A01 coding scheme; • 35 alphanumeric characters in case of ZSO coding scheme; <p>The maximum length of the coding scheme code is 3 alphanumeric characters.</p>
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only used in the case of auction reporting.
Motivation for the change	Other possible means for identification of MPs shall be accepted for facilitation of the data reporting about transactions between the TSOs and MPs that do not have EICs. The goal is to allow the TSOs to fulfil their reporting obligations in cases when the MP to which the capacity is assigned has no EIC code.



Gas Capacity Allocation schema

ORGANISEDMARKETPLACE_MARKETPARTICIPANT.IDENTIFICATION

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	Identification of the organised market place operator.
Description	The organised Market Place Operator is identified by a unique coded identification. This corresponds to TRUM field 2. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code “305” for an EIC party code.
Size	The maximum length of an organised Market Place operator’s identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	The identification of the OMP is OPTIONAL or Mandatory but DEPENDENT and present ONLY in case of reporting of transactions concluded on OMP.
Dependence requirements	The attribute is only present when the PROCESS_TRANSACTION.TYPE is equal to ZSW = Ascending clock auction ZSX = Uniform price auction or Other code corresponding to a process executed on an OMP
Motivation for the change	Currently the attribute ORGANISEDMARKETPLACE_MARKETPARTICIPANT.IDENTIFICATION is mandatory. In case of contracts and transactions concluded outside an OMP or concerning points different than these for which capacity is contracted on an OMP, the reporting entities cannot provide reasonable data in this attribute. As a workaround suggested by the Agency, for such cases the reporting entities currently are using fake value (21X-XXXXXXXXXXXY). We consider reasonable to change the properties of the attribute and make it Optional or Dependent , in order to solve the currently existing issue and avoid the usage of arbitrary values.



Gas Capacity Allocation schema

TRANSFEROR_MARKETPARTICIPANT.IDENTIFICATION-CODINGScheme

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	The identification of the market participant giving up the capacity.
Description	<p>The market participant who is giving up capacity to the transferee and is assigned is identified by a unique coded identification. This corresponds to TRUM field 36.</p> <p>The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate</p> <ul style="list-style-type: none">• the code “305” for an EIC party code;• the code “A01” for an ACER code;• the code “ZSO” for a TSO managed code.
Size	<p>The maximum length of a primary market participant’s identification is</p> <ul style="list-style-type: none">• 16 alphanumeric characters in case of 305 coding scheme;• 16 alphanumeric characters in case of A01 coding scheme;• 35 alphanumeric characters in case of ZSO coding scheme; <p>The maximum length of the coding scheme code is 3 alphanumeric characters.</p>
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only used in the case of secondary market reporting.
Motivation for the change	Other possible means for identification of MPs shall be accepted for facilitation of the data reporting about transactions between the MPs that do not have EICs.



Gas Capacity Allocation schema

TRANSFEREE_MARKETPARTICIPANT.IDENTIFICATION-CODINGScheme

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	The identification of the market participant receiving the capacity.
Description	<p>The market participant who is receiving capacity from the transferor and is assigned is identified by a unique coded identification. This corresponds to TRUM field 37.</p> <p>The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate</p> <ul style="list-style-type: none">• the code “305” for an EIC party code;• the code “A01” for an ACER code;• the code “ZSO” for a TSO managed code.
Size	<p>The maximum length of a primary market participant’s identification is</p> <ul style="list-style-type: none">• 16 alphanumeric characters in case of 305 coding scheme;• 16 alphanumeric characters in case of A01 coding scheme;• 35 alphanumeric characters in case of ZSO coding scheme; <p>The maximum length of the coding scheme code is 3 alphanumeric characters.</p>
Applicability	Both the identification and the coding scheme are dependent.
Dependence requirements	This attribute is only used in the case of secondary market reporting.
Motivation for the change	Other possible means for identification of MPs shall be accepted for facilitation of the data reporting about transactions between the MPs that do not have EICs.



Gas Capacity Allocation schema

TRANSFER_PRICE.AMOUNT

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	Price the transferee pays to the transferor expressed in the currency per measure unit which must be kWh/h or kWh/d.
Description	Price the transferee pays to the transferor expressed in the currency per measure unit which must be kWh/h or kWh/d. This corresponds to TRUM field 35.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.
Motivation for the change	In case that the capacity product is daily and is measured in kWh/d, it would be more appropriate to report the information for the transferred capacity and its price in units corresponding to the type of the product, i.e. daily units: kWh/d.



Gas Capacity Allocation schema

UNDERLYINGTSO_PRICE.AMOUNT

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	The price paid to the Transmission System Operator.
Description	The price paid to the Transmission System Operator (underlying price) is only applicable when there is an assignment expressed in the currency per measure unit which must be kWh/h or kWh/d. This corresponds to TRUM field 34.
Size	The maximum length of this information is 17 numeric characters (decimal mark included). All leading zeros are to be suppressed. The number of decimal places identifying the fractional part of the price is normally 2 digits but it depends on local market rules.
Applicability	This information is dependent.
Dependence requirements	This attribute may be used only in the case of a secondary market transaction.
Motivation for the change	In case that the capacity product is daily and is measured in kWh/d, it would be more appropriate to report the information for the underlying price of the transferred capacity in units corresponding to the type of the product, i.e. daily units: kWh/d.



Contract Market Monitoring schema

Addition of new field

BIDDING_MARKETPARTICIPANT.IDENTIFICATION

PROPOSAL FOR NEW SCHEMA ATTRIBUTE	
ACTION	DESCRIPTION
Definition of element	Identification of the market participant who is submitting bids at an auction
Description	<p>Within the BID CLASS associated to the auction process to be added a new field part of the tuple "BID ID – AUCTION ROUND NUMBER – BID PRICE – BID QUANTITY" that will allow the source of each individual bid.</p> <p>Codification scheme to used for the coded identification of the attribute:</p> <ul style="list-style-type: none">• the code "305" for an EIC party code;• the code "A01" for an ACER code;• the code "ZSO" for a TSO managed code.
Size	<p>Maximum length of bidding market participant's identification:</p> <ul style="list-style-type: none">• 16 alphanumeric characters in case of 305 coding scheme;• 16 alphanumeric characters in case of A01 coding scheme;• 35 alphanumeric characters in case of ZSO coding scheme. <p>The maximum length of the coding scheme code is 3 alphanumeric characters.</p>
Applicability	Both the identification and the coding scheme to be dependent.
Dependence requirements	This attribute to be only used in the case of auction reporting.
Motivation for the change	The new attribute will provide means for indication of the individual Market Participants within the auction process and will allow the Agency and the NRAs to correctly identify the source of every single bid and avoid potential misleading information.



Proposal for modification of the Contract Market Monitoring schema



Contract Market Monitoring schema

IDENTIFICATION, RULES GOVERNING THE TRANSACTION CLASS

PROPOSAL FOR CHANGE	
ACTION	DESCRIPTION
Definition of element	The identification of a transaction product.
Description	This provides the identification of a given transaction.
Size	The identification may not exceed 35 alphanumeric characters.
Applicability	This information is optional or The attribute shall not be used in case of REMIT reporting transmissions.
Dependence requirements	None.
Motivation for the change	The attribute is mandatory but not applicable for the ENTSOG reporting purposes. There are no transactions that shall and could be identified by ENTSOG, because according to Article 9 (1) of Regulation (EU) No 1348/20014 the reporting obligations of ENTSOG simply consist in transferring the fundamental data that has been published in aggregated manner by the TSOs on ENTSOG Transparency Platform to ARIS. Information about any transactions is not available at ENTSOG TP and ENTSOG has no possibility to populate this mandatory attribute.



Contract Market Monitoring schema

Addition of new field

RESPONSIBLETSO_MARKETPARTICIPANT.IDENTIFICATION-CODINGScheme

PROPOSAL FOR NEW SCHEMA ATTRIBUTE	
ACTION	DESCRIPTION
Definition of element	Identification of the Transmission System Operator responsible for the information in the document.
Description	The Transmission System Operator responsible for the information in the document is identified by a unique coded identification. The codification scheme used for the coded identification is indicated by the coding scheme attribute and shall indicate the code "305" for an EIC party code.
Size	The maximum length of an responsible TSO's identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.
Motivation for the change	Addition of a new field for identification of the TSO whose (on whose behalf) data is reported by ENTSOG to ACER. Currently the schema does not provide possibilities for ENTSOG to indicate the TSO publishing the data on ENTSOG TP that is included in the report submitted to ARIS. As workaround solution and for the purposes of TSOs' identification, ACER and ENTSOG agreed that the field TRANSACTION IDENTIFICATION could be used, which is mandatory in the same schema but cannot be populated by ENTSOG because, it is not relevant to the ENTSOG reporting process and the scope of data that ENTSOG shall report to ACER.



Proposal for modification of UMM Schema No 2



Unavailabilities of gas facilities schema

UMM Schema No 2

Attribute		Current settings		Proposed modification	
No	Field name	Applicability	Allowed values	Applicability	Allowed values
1	Message ID	Mandatory	29 Alphanumeric characters	No changes proposed	
2	Event status	Mandatory	Predefined set	No changes proposed	
3	Type of unavailability	Mandatory	Predefined set	No changes proposed	
4b	Type of event	Mandatory	Predefined set	No changes proposed	
5	Publication date/time	Mandatory	ISO time format	No changes proposed	
6	Event start	Mandatory	ISO time format	No changes proposed	
7	Event stop	Mandatory	ISO time format	Optional	ISO time format



Unavailabilities of gas facilities schema

UMM Schema No 2

Attribute		Current settings		Proposed modification	
No	Field name	Applicability	Allowed values	Applicability	Allowed values
8b	Unit of measurement	Mandatory	kWh/d GWh/d GWh TWh mcm/d	Mandatory	kWh/d GWh/d GWh TWh mcm/d kWh/h GWh/h mcm/h
9	Unavailable capacity	Mandatory	25 Numeric characters	Mandatory	250 Alphanumeric characters
10	Available capacity	Mandatory	25 Numeric characters	Mandatory	250 Alphanumeric characters
11b	Technical capacity	Mandatory	25 Numeric character	No changes proposed	



Unavailabilities of gas facilities schema

UMM Schema No 2

Attribute		Current settings		Proposed modification	
No	Field name	Applicability	Allowed values	Applicability	Allowed values
12	Reason of unavailability	Mandatory	Free text	No changes proposed	
13	Remarks	Optional	Free text	No changes proposed	
15b	Balancing zone	Mandatory	Y-type EIC	No changes proposed	
16	Affected asset or unit	Mandatory	Information about single asset or unit could be provided per UMM	Mandatory	Information for more than one affected asset or unit to be accepted per UMM
New	Direction code (sub-element of Affected asset or unit attribute)	The attribute does not exist in the current schema version		Optional	2 possible values: <ul style="list-style-type: none">• Entry• Exit



Unavailabilities of gas facilities schema

UMM Schema No 2

Attribute		Current settings		Proposed modification	
No	Field name	Applicability	Allowed values	Applicability	Allowed values
17	Affected asset or unit EIC code	Optional	Information about single asset or unit could be provided per UMM	Optional	Information for more than one affected asset or unit to be accepted per UMM
18	Market participant	Mandatory	Free text	No changes proposed	
19	Market participant code	Mandatory	Predefined set of codes	No changes proposed	



Thank You for Your Attention

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