

## ETSO Загальний список кодів для обміну даними та їх значення

After successful validation the A01 Reason code – “The message has been fully accepted for application processing” will be received by a Market participant inside an acknowledgement (Positive acknowledgement).

All other codes must be understood as negative acknowledgement.

The following table refines all possible negative validation reason codes, defined in ENTSO Standard that could be received by Market participant inside an Acknowledgement.

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
<b>Formal validation</b>				
document schema	Validation against xsd using defined in exchange border xsd version failed.	A94	The receiving system cannot process that document in question.	
EIC	Any of EIC code is not formal valid	A94	The receiving system cannot process that document in question.	
Incomplete document	Not all required parts of document are available	B01	The document is incomplete and cannot be processed.	
Internal Failure	Schedule document leads to internal processing exception	B18	A failure has occurred.	
<b>Common validation</b>				
Document version	Document version already registered as accepted in system	A51	The message identification is already in the receiving system. Or a higher version already exists. Message rejected.	The document version is used to identify a given version of a time series set for a given time period.

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
				<p>The first version number for a given document identification shall normally be 1.</p> <p>The document version number must be incremented for each retransmission of a document that contains changes to the previous version.</p> <p>The receiving system should ensure that the version number for a document is superior to the previous version number received.</p>
Message type	Document contains message type different from expected types	A59	Not compliant to local market rules and detailed text "Invalid document type"	<p>Expected Message types</p> <p>A01 - Balance Responsible schedule</p> <p>A02 – Allocated capacity schedule</p> <p>A11 – Aggregated energy data report</p> <p>A14 – Resource provider Resource Schedule</p>

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
				A37 – Reserve tender document
Process type	Process type in received document does not correspond to current planning phase for this document	A79	The process type does not figure in the list of valid process types for this document.	The process type identifies the process to which the information flow is directed.
Receiving party/ Receiver Role	Document contains receiving party EIC which is not equal to TSO EIC or receiving party role not equal to A04 - TSO	A53	The receiving party is incorrect. Message rejected.	
Sender Authority	Schedule Sender is not authorized to send such type of schedule	A59	Not compliant to local market rules and detailed text "Invalid sender"	
Sender identification/Role	Document contains sender party EIC or Role which are not valid	A78	The identification of the sender or the sender/role combination is invalid.	Sender identification - The unique coded identification of the sender of the document that is known to the receiver of the document. This code identifies the party that is the owner of the information being transmitted in the document and is responsible for its content.  Sender role - The sender role, which identifies the role of the

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
				sender within the document.
Sender Market Role	The sender is not registered with the expected role in the Market Participant register	A05	The sender has no current valid contract with the TSO. The message consequently will be fully rejected.	
Time interval	Time interval is not equals to one day or not corresponds to Process type	A04	The time interval covered by document is not within the contractual agreement or the period does not agree with the time interval.	The beginning and ending date and time of the period covered by the document.
Domain	Domain is not found in Market participant register	A80	The domain does not figure in the list of valid domains for this document and process.	
Subject	subject is not registered in defined domain	A59	Not compliant to local market rules and detailed text - "subject not in domain"	Every market participant must have an imbalance energy account with the same X-Code, registered in a Domain (mainly MBA) defined as domain in received document
Timeline	document from has been received after deadline (gate closure) or before defined gate open time	A57	The deadline for receiving messages has passed or gate not open. Message or time series rejected.	

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
Time series identification	Schedule document contains duplicated or empty time series ids	A55	The identification of the time series is duplicated or incorrect. Time series will be rejected.	Time series identification must be unique for the whole document and guarantee the non-duplication of all the attributes of the time series
Business Type	Time series header contains business type which is not allowed for defined process type	A62	The business type does not belong to the valid set of business types for the process in question.	
Signed Values	Document timeseries contain negative values and business type not A08	A46	The quantity proposed is illegal since signed values are only permitted in specific circumstances.	
Resolution	resolution does not matched the resolution defined system configuration	A41	The resolution is not coherent with the time interval, or resolution not valid.	
Value accuracy	Any of quantity values has an accuracy what is not fit to exchange border configuration	A42	The quantity is not coherent. For example a time period with the same version number but different quantities or an non permitted number of digits after the decimal point, etc.	
Mandatory attribute	One of the required attribute or element is missing	A69	Mandatory attributes missing. Attribute name as detailed text	The attribute could be mandatory even if it defined as

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
				optional in IEC 62325-451
<b>TPS- Trade schedule specific validation</b>				
X-Code imbalance energy account	In or Out Party of any of timeseries is not registered as an imbalance energy account with a X-Code	A22	There is no contract for the parties indicated or the rules for cross border nominations are not being respected. The time series has been rejected.	
Zero Balance	MP has the role TRP and sends a Schedule document which is not zero balanced (Buy != Sell)	A54	The message does not balance out to zero.	
Time series versions	document contains time series version which are bigger as document version	A50	There is an error in the sender time series version, i.e. it could be superior to the message version or is inconsistent with the existing data. The time series has been rejected.	The time series version must be the same as the document version number in which it has been added or changed. All time series, whether changed or not, must be retransmitted when a document is resent.
time series global position1	MP sends a document which has less time series as its previous version	A52	A time series is not contained in a new version of the message. Message rejected.	In the case of the deletion of a time series, it is resent with all periods zeroed out. Time series must be still present in new version of document.

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
time series global position2	MP sends a Schedule document which has changes in time series values in comparison to its previous version, but time series version has been not increased.	A50	There is an error in the sender time series version, i.e. it could be superior to the message version or is inconsistent with the existing data. The time series has been rejected.	
time series positions count	Number of positions does not match time interval/resolution relation	A49	Position inconsistency. A position is missing or too many.	The position must begin with 1 and increment by 1 for each subsequent position forming a series of contiguous numbers covering the complete range of the period.
In/Out Participant	In or Out participant is not registered or has no admission to make such type of trade or neither from in and out party belong to sender or in and out are the same.	A22	There is no contract for the parties indicated or the rules for cross border nominations are not being respected. The time series has been rejected.	
In/out Area (Domain)	Area (in/out domain) is not registered or not allowed to use in this type of trade	A23	The area is unknown or not allowed. The time series has been rejected.	
IDM	Any of time series has changes in the past	A57	The deadline for receiving messages has passed or gate not open. Message or time series rejected.	

Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
Capacity right1	Capacity right can not be provided for configured exchange border	A55	Time series identification conflict  With detailed message. "Should not contain capacity right market agreement id or its type"	
Capacity right2	Capacity right id or its type ids not provided, but needed for configured exchange border	A55	Time series identification conflict  With detailed message. "missing capacity right market agreement id or its type"	
Capacity right3	Provided Capacity right id or its type is not found	A55	Time series identification conflict  With detailed message. "provided capacity right market agreement id or its type has not been found in system"	
Netting	Cross border time series are not netted	A56	All corresponding time series must be netted. Time series rejected.	Nomination of schedules must be given after netting
1:1	Cross border trade In and Out participants code are not the same	A58	There is a one to one nomination inconsistency with the in/out parties or areas. Time series rejected.	Nomination of schedules across control areas must be given between the market participants with identical Energy Identification Code (EIC).



Validation name	Validation description	Negative Reason Code	Negative Reason Code description	Business rule
<b>PRS - Planned resource schedule specific validation</b>				
Resource Object	Provided Resource Object of any time series is not registered in Market participant registry	A64	The Resource Object defined in the document is not valid.	
time series positions count	Number of positions does not match time interval/resolution relation	A49	Position inconsistency. A position is missing or too many.	The position must begin with 1 and increment by 1 for each subsequent position forming a series of contiguous numbers covering the complete range of the period.
Limit data	Not limits (min/max) time series were provided	A67	Limit Data is not available.	

## Confirmation results for trade and planned resource schedules

Reason Code	Description	Precondition
<b>Confirmation Reason Codes – document level</b>		
A06	The schedule of the recipient as presented has been completely accepted.	No unmatched trades exist for selected MP
A07	The schedule of the recipient as presented has been partially accepted. It is necessary to look at the time series level to determine the changes (time series rejected, modified, etc.).	Some of trades were unmatched and have been modified during force matching for selected MP
A08	The schedule of the recipient as presented has been totally rejected. The cause could be the non presentation of a counter part for the involved trades.	Some of trades were unmatched and there was no possibility to force match them

Reason Code	Description	Precondition
<b>Confirmation Reason Codes – time series level</b>		
A10	The contractual credit limit has been exceeded and as such the message has been rejected.	Contractual limit is exceeded for one of the party, involved in trade
A27	The cross border capacity has been exceeded. The time series has been rejected or adjusted.	The cross border capacity right is exceeded for one of the party, involved in trade
A20	The time series has been fully rejected. In the case of a confirmation report, this reason code is used in conjunction with either A26 or A30.	The whole time series were rejected
A26	The time series has been rejected and replaced with a default time series profile. This reason code may not be used in conjunction with A30.	
A30	The nominated party's time series has replaced the current time series. This reason code may not be used in conjunction with A26.	
<b>Trade schedule specific</b>		
A28	<p>This provides an indication that the time series has not got a counterpart time series.</p> <p>In the case of a Final Confirmation Report this is informing the recipient that the time series has been rejected because the counterpart time series has not been forthcoming.</p>	One of counterpart missing and no replacement during force matching is possible
A29	The time series has been rejected as it does not match that of the counterpart who is considered by market rules to be correct.	Time series do not match and no replacement during force matching is possible
<b>Planned resource Schedules/Validation trade schedules against generation/consumption schedules specific</b>		
B07	It is not possible to perform the necessary action since the required data for this action is not yet available.	No data from SCADA/EMS

Reason Code	Description	Precondition
B27	The calculation has not been performed.	Schedule aggregation process failed
A65	Reserve objects aggregated values are not within technical/prequalified limits	Technical limit exceeded
A66	Planned reserves do not correspond with contractual data	Mismatch with aggregated trade schedules

## Matching results for trade schedules

Reason Code	Description	Precondition
<b>Mismatching Reason Codes – document level</b>		
A09	Time series mismatches.	
<b>Mismatching Reason Codes – timeseries level</b>		
A28	<p>This provides an indication that the time series has not got a counterpart time series.</p> <p>In the case of an Intermediate Confirmation Report this is advising the recipient that the time series may be rejected at nomination closure if the counterpart time series is not received.</p>	One of counterpart missing
A29	Counterpart time series quantity differences	Time series do not match