

Capacity Allocation Initialisation - Credit Limit Document

Model Documentation



The European message format for the gas market

Version 6.1

Document Version: 2
Schema Version: 1

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23

Table of Contents

| | | |
|----|-----------|---|
| 24 | | |
| 25 | | |
| 26 | 1 | Model Detail.....3 |
| 27 | 2 | Document usage decision table.....4 |
| 28 | 3 | Credit Limits.....6 |
| 29 | 3.1 | Capacity Allocation Initialisation Business Process.....6 |
| 30 | 3.1.1 | Capacity Allocation Initialisation sequence6 |
| 31 | 3.2 | Credit Limit Document (CRELIM).....7 |
| 32 | 3.2.1 | Credit Limit Document Contextual Model.....7 |
| 33 | 3.2.2 | Credit Limit Document Assembly Model8 |
| 34 | 3.2.2.1 | CreditLimit_Document9 |
| 35 | 3.2.2.1.1 | Attributes9 |
| 36 | 3.2.2.2 | CapacityResponsibleParty_MarketParticipant9 |
| 37 | 3.2.2.2.1 | Attributes9 |
| 38 | 3.2.2.3 | CreditLimit_Reference.....10 |
| 39 | 3.2.2.3.1 | Attributes10 |
| 40 | 4 | Document Change Log.....11 |
| 41 | 4.1 | Version11 |
| 42 | 4.1.1 | Attributes11 |
| 43 | | |

44 1 Model Detail

45 COPYRIGHT & LIABILITY

46 The Edig@s Workgroup (EASEE-Gas Message and Workflow Design Working Group) disclaims and excludes, and
47 any user of the Edig@s Workgroup Implementation Guidelines acknowledges and agrees to the Edig@s Workgroup
48 disclaimer of, any and all warranties, conditions or representations, express or implied, oral or written, with respect to
49 the guidelines or any part thereof, including any and all implied warranties or conditions of title, non-infringement,
50 merchantability, or fitness or suitability for any particular purpose (whether or not the Edig@s Workgroup knows, has
51 reason to know, has been advised, or is otherwise in fact aware of any such purpose), whether alleged to arise by law,
52 by reason of custom or usage in the trade, or by course of dealing. Each user of the guidelines also agrees that under
53 no circumstances will the Edig@s Workgroup be liable for any special, incidental, exemplary, punitive or
54 consequential damages arising out of any use of, or errors or omissions in, the guidelines.

55 2 Document usage decision table

56 The following decision table provides a summary of the message requirements depending on the type of message:

| CreditLimitDocument | Capacity Responsible Party credit limits | Credit limits used by Capacity Responsible Party's |
|---|---|---|
| identification | Mandatory. | |
| version | Mandatory. | |
| documentCode | ANR = Capacity Responsible Party credit limits. | ANS = Credit limits used by Capacity Responsible Party's. |
| creationDateTime | Mandatory. | |
| validityPeriod | Mandatory. | |
| issuer_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC party X code). | |
| issuer_MarketParticipant.MarketRole.Code | ZSO = System Operator. | ZUJ = Capacity Platform Responsible . |
| recipient_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC party X code). | |
| recipient_MarketParticipant.MarketRole.Code | ZUJ = Capacity Platform Responsible . | ZSO = System Operator. |
| CapacityResponsibleParty_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC party X code). | |
| CreditLimit_Reference.identification | Mandatory. | |
| CreditLimit_Reference.framework_Reference.identification | Mandatory. | |

| CreditLimitDocument | Capacity Responsible Party credit limits | Credit limits used by Capacity Responsible Party's |
|--|---|--|
| CreditLimit_Reference.limit_Price.amount | The amount provided by the System Operator as the Capacity Responsible Party credit limit. | The amount provided by the System Operator as the Capacity Responsible Party credit limit. |
| CreditLimit_Reference.usedLimit_Price.amount | Used if there is a "used limit" is not known to Capacity Platform. | The amount of the credit limit established by the System Operator for the Capacity Responsible Party that has been used. |
| CreditLimit_Reference.currency.code | Refer to Edig@s CurrencyType Code list document for the valid list of codes. | Refer to Edig@s CurrencyType Code list document for the valid list of codes. |
| CreditLimit_Reference.status.code | The following status values are permitted: 62G = Active 63G= Cancelled 66G = Changed | The following status values are permitted: 62G = Active 66G = Changed |
| CreditLimit_Reference.validity_Period.timeInterval | Mandatory. | |

3 Credit Limits

The content of the electronic documents defined in the implementation guide are based on the definition of terms and codes as agreed by the Edig@s Workgroup and ENTSOG.

The requirements outlined in the “Business Requirements Specification For the Capacity Allocation Mechanism (CAM) Network Code and the Congestion Management Procedures (CMP) guidelines” of ENTSOG in respect to the transmission of Capacity Responsible Party credit limit information to the interested parties is covered in this document.

For the definition of the roles outlined in the figures please refer to the EASEE-Gas Harmonised Role Model.

It is strongly recommended to read the General Guidelines to the Edig@s MIG before implementing this process since it contains a number of general rules that are applicable for all the Edig@s messages.

3.1 Capacity Allocation Initialisation Business Process

The essential part of the documentation may be found in the ENTSOG CAM/CMP Business Requirements Specification. This part of the documentation details the electronic documents and their associated business rules.

3.1.1 Capacity Allocation Initialisation sequence

The document being referenced in the guide is shown with a red message flow.

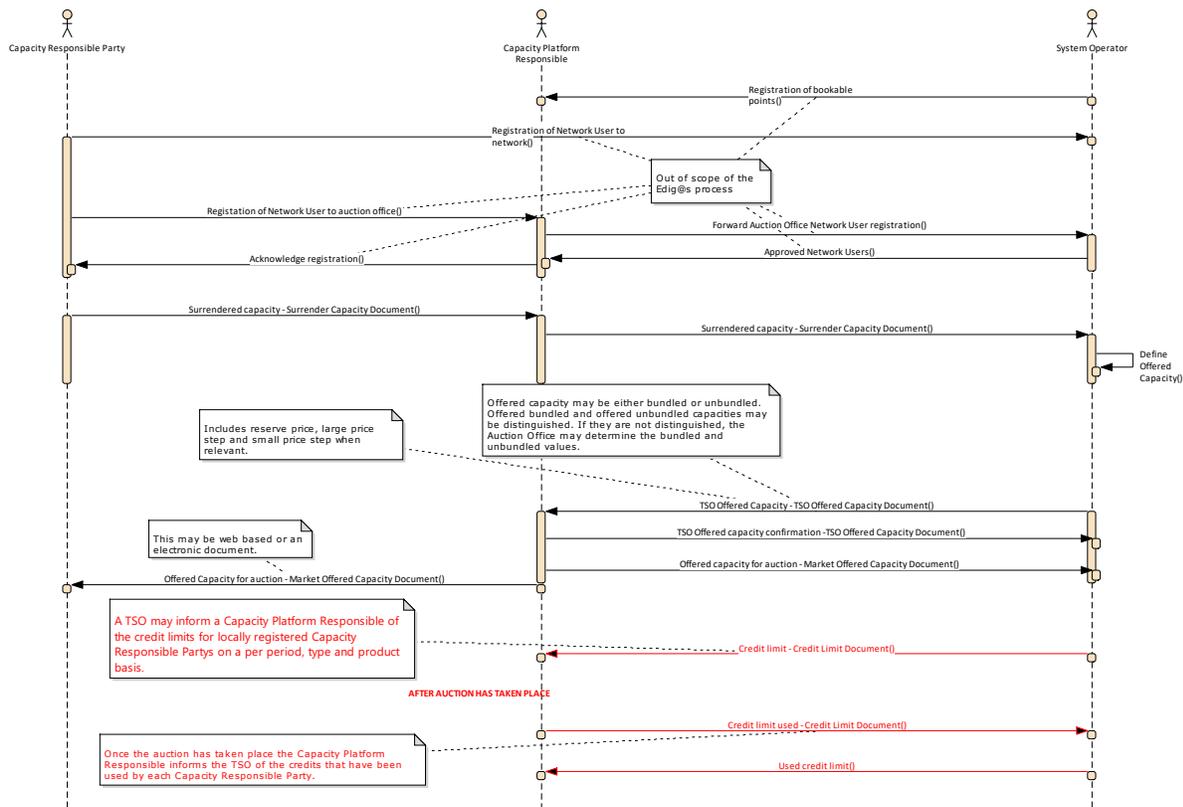


Figure: 1 Capacity allocation initialisation sequence

74
75
76

77 3.2 Credit Limit Document (CRELIM)

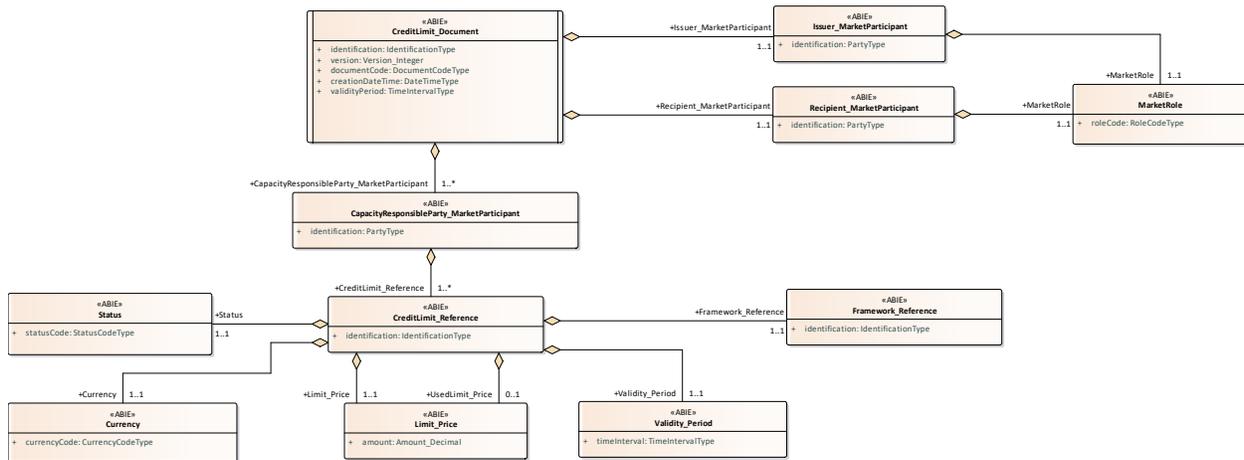
78 The credit limit document is generally used to inform a Capacity Platform Responsible of the credit restrictions of the
 79 Capacity Responsible Party's within the realm of a given System Operator. The information provided may include the
 80 creation, modification or suppression of a credit limit

81 It may also be used by the System Operator to inform a Capacity Platform Responsible of credit that has been used
 82 outside the capacity platform.

83 Finally it may be used by the Capacity Platform Responsible to inform a System Operator of the situation of the credit
 84 for relevant Capacity Responsible Party's upon request.
 85

86 3.2.1 Credit Limit Document Contextual Model

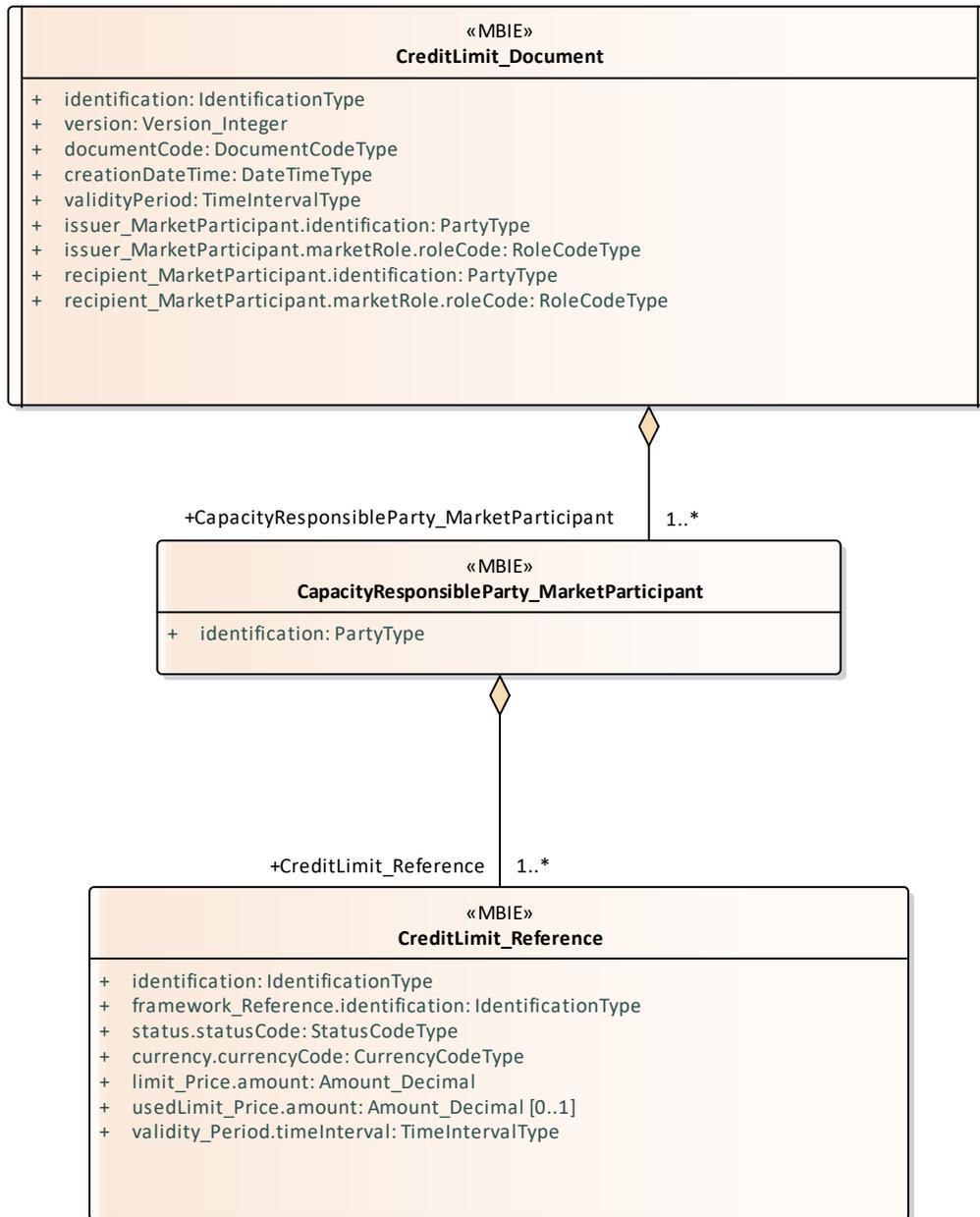
87
 88



89
 90
 91
 Figure: 2 Credit Limit Document Contextual Model

92 **3.2.2 Credit Limit Document Assembly Model**

93

94
95
96
Figure: 3 **Credit Limit Document Assembly Model**

97 3.2.2.1 CreditLimit_Document

98 This class provides the basic information needed to describe most electronic documents.

99 The Credit Limit Document issued in two different contexts within the CAM process:

100 To enable a System Operator to inform a Capacity Platform Responsible of the credit limits of the registered Capacity
101 Responsible Party's.

102 To enable the Capacity Platform Responsible to inform the System Operators of the credit that has been used by the
103 registered Capacity Responsible Party's.

104 3.2.2.1.1 Attributes

| Attribute | Description | Multiplicity |
|---|---|--------------|
| identification | A unique identification of a document that is assigned by the issuer. | |
| version | Version of the document being sent. | |
| documentCode | Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes). | |
| creationDateTime | Date and time of the creation of the current document expressed in UTC. | |
| validityPeriod | The start and end date and time expressed in UTC of the period of validity covered in the document. | |
| issuer_MarketParticipant.identification | The identification of the party participating in the market. --- The issuer of the document. | |
| issuer_MarketParticipant.marketRole.roleCode | A code identifying the role played by a market participant in the market. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes) --- The issuer of the document. --- The role of the Issuer. | |
| recipient_MarketParticipant.identification | The identification of the party participating in the market. --- The recipient of the document. | |
| recipient_MarketParticipant.marketRole.roleCode | A code identifying the role played by a market participant in the market. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes) --- The recipient of the document. --- The role of the recipient. | |

105 3.2.2.2 CapacityResponsibleParty_MarketParticipant

106 A party participating in the market.

107 3.2.2.2.1 Attributes

| Attribute | Description | Multiplicity |
|----------------|---|--------------|
| identification | The identification of the party participating in the market. The identification of a Capacity Responsible Party that has a credit limit. 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. | |

108

109 **3.2.2.3 CreditLimit_Reference**

110 The identification of a reference.

111 **3.2.2.3.1 Attributes**

| Attribute | Description | Multiplicity |
|------------------------------------|---|--------------|
| identification | The coded identification of a reference. | |
| framework_Reference.identification | The coded identification of a reference. --- The identification of the framework to which the credit limit belongs. | |
| status.statusCode | A code providing the status of an object. (Refer to the Edig@s StatusCodeTypeCodeList for the list of valid codes). | |
| currency.currencyCode | The identification of the formal code for a currency (ISO 4217). (Refer to the Edig@s CurrencyCodeTypeCodeList for the list of valid codes). | |
| limit_Price.amount | The monetary amount of a price. --- The amount that represents the credit limit that has been established by the System Operator. The credit limit may have a signed value. The limit shall always be added to other values. | |
| usedLimit_Price.amount | The monetary amount of a price. --- The amount of the established credit limit that represents the credit limit that has been used. | [0..1] |
| validity_Period.timeInterval | The start and end date and time for the period. The time is expressed in UTC. --- The start and end date and time of the time interval of the period of the credit limit. The validity period shall be at a minimum a single gas day. | |

112

113 4 Document Change Log

114 4.1 Version

115 4.1.1 Attributes

| Attribute | Description | Multiplicity |
|----------------------|-----------------|--------------|
| Version 1 2020-06-29 | Initial release | |
| Version 2 2021-07-02 | Release 6.1 | |

116