

# **Capacity Allocation Initialisation - Surrender Capacity Document**

## **Model Documentation**



**Version 6.0**

***Document Version: 1***

## Table of Contents

24		
25		
26	<b>1 Model Detail.....</b>	<b>3</b>
27	<b>2 Document usage decision table.....</b>	<b>4</b>
28	<b>3 Surrender Capacity .....</b>	<b>7</b>
29	3.1 Capacity Allocation Initialisation Business Process.....	7
30	3.1.1 Capacity allocation initialisation sequence.....	8
31	3.2 Surrender Capacity Document (SURCAP) .....	9
32	3.2.1 Surrender Capacity Document Contextual Model.....	9
33	3.2.2 Surrender Capacity Document Assembly Model .....	10
34	3.2.2.1 SurrenderCapacity_Document .....	11
35	3.2.2.1.1 Attributes.....	11
36	<b>4 Document Change Log.....</b>	<b>13</b>
37	4.1 Version .....	13
38	4.1.1 Attributes .....	13
39		

# 1 Model Detail

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## 2 Document usage decision table

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

Surrender Capacity Document	Submission of a surrender request	Transfer of the surrender request for validation	Confirmation capacity surrendered	Submission request results
identification	Mandatory			
version	Mandatory			
documentCode	ANP = Capacity surrender request.	ANV = Surrender capacity document retransmission.	AVG = Confirmation capacity surrendered	ANQ = Surrendered capacity sale results.
creationDateTime	Mandatory			
validityPeriod	Mandatory			
issuer_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC X party code)			
issuer_MarketParticipant.marketRole.code	ZUV = Capacity Responsible Party	ZUJ = Capacity Platform Responsible	ZUJ = Capacity Platform Responsible	.ZUJ = Capacity Platform Responsible ZSO = System Operator
recipient_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC X party code)			
recipient_MarketParticipant.marketRole.code	ZUJ= Capacity Platform Responsible	ZUJ = Capacity Platform Responsible	ZSO = System Operator	ZSO = System Operator ZUV = Capacity Responsible Party.
auction_Reference.identification	Capacity Platform Responsible contract of the capacity being sold	Capacity Platform Responsible contract of the capacity being sold	Capacity Platform Responsible contract of the capacity being sold	Contract covering the capacity sold
status.statusCode	Not used	70G = Requested	34G = Confirmed.	64G = Allocated 65G = Not awarded.
user_Reference.identification	Mandatory	Mandatory	Not used	Not used
surrenderDocument.reference.identification	Not used	Not used	Used to identify the document used to submit the original surrender	Used to identify the document used to submit the original surrender
connectionPoint.identification	Mandatory; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO			

Surrender Capacity Document	Submission of a surrender request	Transfer of the surrender request for validation	Confirmation capacity surrendered	Submission request results
connectionPoint.measureUnit.unitOfMeasureCode	KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d)			
connectionPoint.currencycode	May be used.			
connectionPoint.currency.exchangeRate	Not used	Not used	Not used	Provided only to convert a local currency to Euros
connectionPoint.clearingPrice.amount	Not used	Not used	Not used	The clearing price of the successful auction
connectionPoint.toSo_MarketParticipant.identification	Required to identify the entry SO; codingScheme = 305 (EIC X Party code)	Required to identify the entry SO; codingScheme = 305 (EIC X Party code)	Not used.	Not used
connectionPoint.toSo_MarketParticipant.Crp_MarketParticipant.identification	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code)	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code)	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code)	Not used
connectionPoint.toSo_MarketParticipant.Crp_MarketParticipant.account.identification	Required in the case of bundled capacity; codingScheme = 305 (EIC Y Balance Group code) or ZSO	Required in the case of bundled capacity; codingScheme = 305 (EIC Y Balance Group code) or ZSO	Required in the case of bundled capacity; codingScheme = 305 (EIC Y Balance Group code) or ZSO	Not used
connectionPoint.fromSo_MarketParticipant.Identification	Required to identify the exit SO; codingScheme = 305 (EIC X Party code) or ZSO	Required to identify the exit SO; codingScheme = 305 (EIC X Party code) or ZSO	Not used.	Not used
connectionPoint.fromSo_MarketParticipant.Crp_MarketParticipant.identification	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code) or ZSO	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code) or ZSO	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code) or ZSO	Not used
connectionPoint.fromTso_MarketParticipant.Crp_MarketParticipant.Account.identification	Required in the case of bundled capacity; codingScheme = 305 (EIC Y Balance Group code) or ZSO	Required in the case of bundled capacity; codingScheme = 305 (EIC Y Balance Group code) or ZSO	Required in the case of bundled capacity; codingScheme = 305 (EIC X Party code) or ZSO	Not used
connectionPoint.period.timeInterval	Mandatory			
connectionPoint.period.surrenderQuantity.amount	The amount surrendered			

Surrender Capacity Document	Submission of a surrender request	Transfer of the surrender request for validation	Confirmation capacity surrendered	Submission request results
connectionPoint.period.soldQuantity.amount	Not used	Not used	Not used.	The quantity successfully sold in an auction

53

## 3 Surrender Capacity

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 guidelines” of ENTSOG in respect to the surrendering of capacity are 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/CMD Business Requirements Specification. This part of the documentation details the electronic documents and their associated business rules.

### 3.1.1 Capacity allocation initialisation sequence

There are two types of capacity surrender submissions that may be made:

1. The surrender of unbundled capacity. In this case the Capacity Platform transmits the surrender document only to the System Operator that manages the capacity for the Capacity Responsible Party. Once accepted it is directly integrated into the offered capacity for the next available auction.
2. The surrender of bundled capacity. In this case the Capacity Platform transmits the surrender capacity request to the System Operators on both sides of the connection point. Both System Operators must approve the surrender before it can be integrated into the offered capacity. In the case of a disagreement by either System Operator the request shall be rejected. In the case where the surrendered capacity is accepted by both System Operators, they are informed of the acceptance using a Surrender Capacity Document.

Note concerning the surrendered capacity submission: If a System Operator rejects a surrender submission, a negative acknowledgement is transmitted to the Capacity Platform Responsible to be forwarded to the surrender submitter. A surrender request is either totally accepted or totally rejected.

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

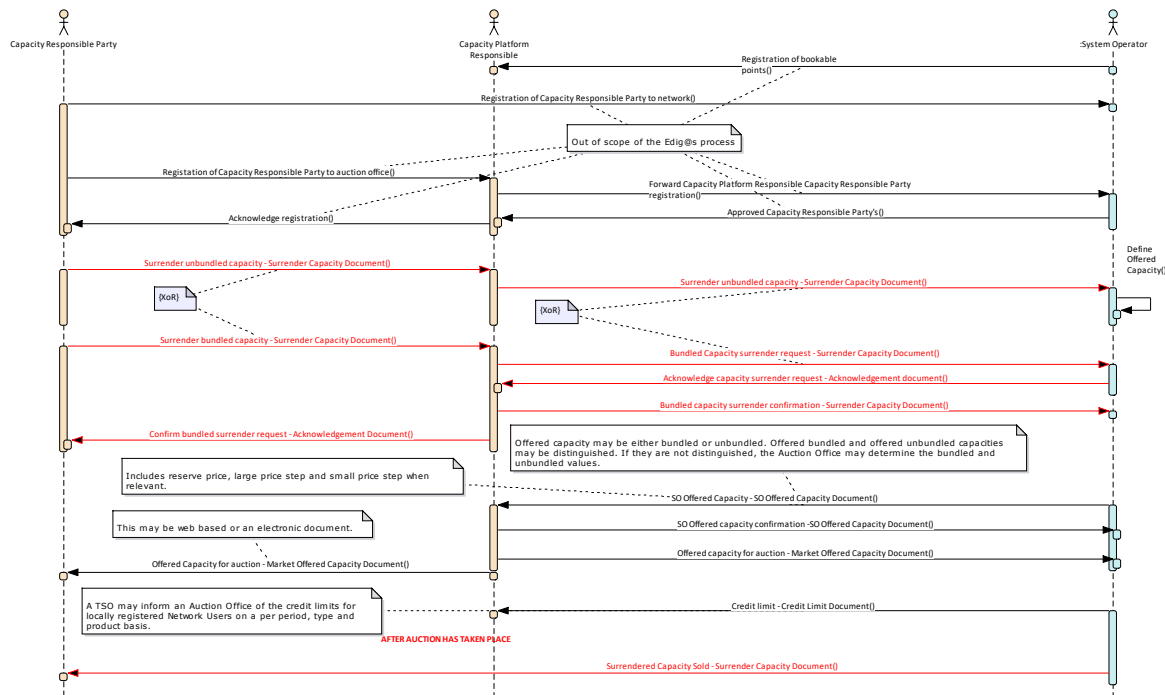


Figure: 1 Capacity allocation initialisation sequence



## 3.2 Surrender Capacity Document (SURCAP)

A Surrender Capacity Document is used to provide to the System Operator capacity that a market participant is no longer in the position to nominate. The capacity returned shall be made available for sale on the first possible opportunity. If the capacity is successfully sold, then the proceeds of the sale shall be given to the market participant minus certain costs for the sales management.

Document enables both unbundled and bundled capacity to be surrendered to either the Capacity Platform Responsible or the SO.

Details of how the surrender of bundled capacity to the SO remains to be finalised.

The document is intended for use in the following circumstances:

1. Submission of a surrender request
2. Transfer of the surrender request for validation
4. Confirm surrender of bundled capacity.
3. Submission request results

### 3.2.1 Surrender Capacity Document Contextual Model

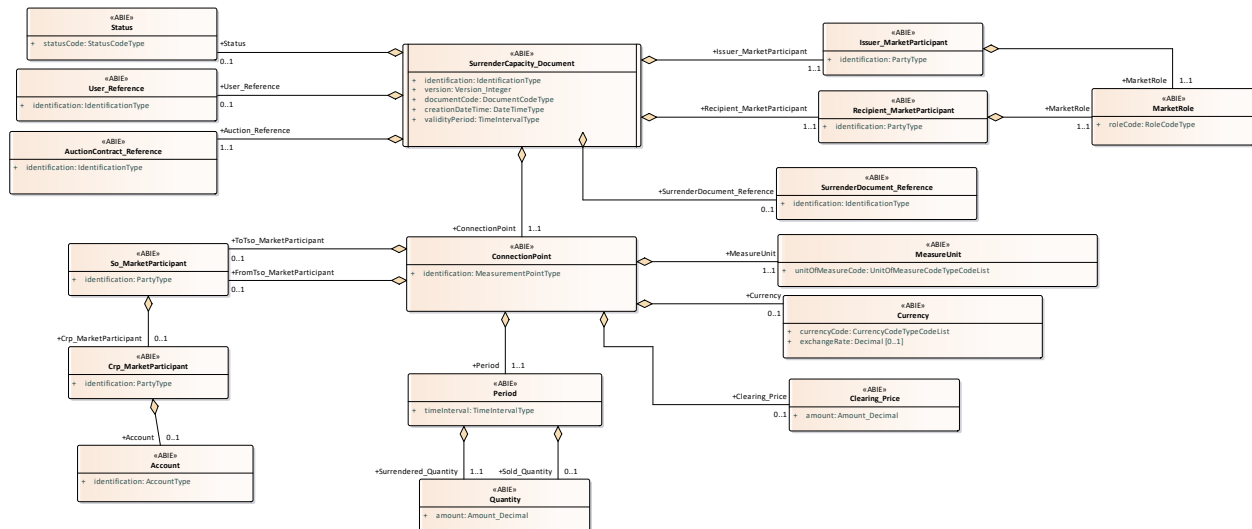


Figure: 2 Surrender Capacity Document Contextual Model

### 3.2.2 Surrender Capacity Document Assembly Model

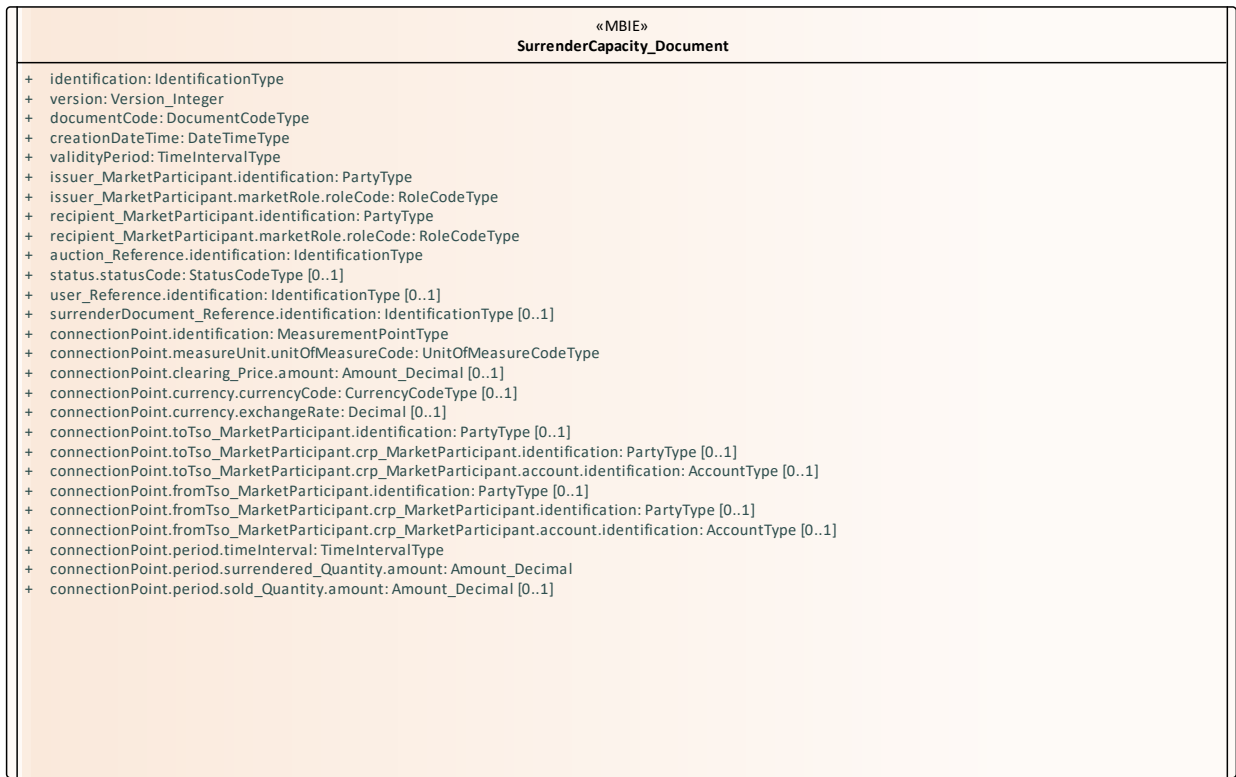


Figure: 3 Surrender Capacity Document Assembly Model

### 3.2.2.1 SurrenderCapacity\_Document

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

#### 3.2.2.1.1 Attributes

Attribute	Description	Multiplicity
identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	
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 expressed in UTC of the creation of the current document .	
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.	
auction_Reference.identification	The coded identification of a reference.	
status.statusCode	A code providing the status of an object. (Refer to the Edig@s StatuseCodeTypeCodeList for the list of valid codes).	[0..1]
user_Reference.identification	The coded identification of a reference. --- This information provides the identification of the individual acting on behalf of a company to surrender capacity. The identification must have been previously authorised.	[0..1]
surrenderDocument_Reference.identification	The coded identification of a reference.	[0..1]
connectionPoint.identification	The identification of a connection point.	
connectionPoint.measureUnit.unitOfMeasureCode	The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes).	
connectionPoint.clearing_Price.amount	The monetary amount of a price.  --- --- The clearing price is the price of the lowest successful bid, if the demand exceeds the offer at the reserve price. In all	[0..1]

Attribute	Description	Multiplicity
	other cases, the clearing price shall be equal to the reserve price	
connectionPoint.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).	[0..1]
connectionPoint.currency.exchangeRate	The rate of exchange of the currency to Euros.	[0..1]
connectionPoint.toTso_MarketParticipant.identification	The identification of the party participating in the market. --- --- The TSO that receives the capacity.	[0..1]
connectionPoint.toTso_MarketParticipant.crp_MarketParticipant.identification	The identification of the party participating in the market. --- --- The TSO that receives the capacity.	[0..1]
connectionPoint.toTso_MarketParticipant.crp_MarketParticipant.account.identification	The identification of an account. --- --- The TSO that receives the capacity.	[0..1]
connectionPoint.fromTso_MarketParticipant.identification	The identification of the party participating in the market. --- --- The TSO that sends the capacity.	[0..1]
connectionPoint.fromTso_MarketParticipant.crp_MarketParticipant.identification	The identification of the party participating in the market. --- --- The TSO that sends the capacity.	[0..1]
connectionPoint.fromTso_MarketParticipant.crp_MarketParticipant.account.identification	The identification of an account. --- --- The TSO that sends the capacity.	[0..1]
connectionPoint.period.timeInterval	The start and end date and time for the period. The time is expressed in UTC.	
connectionPoint.period.surrendered_Quantity.amount	The amount of a quantity. --- --- --- The quantity of capacity that has been surrendered.	
connectionPoint.period.sold_Quantity.amount	The amount of a quantity. --- --- --- The quantity of the surrendered capacity that has been sold.	[0..1]

## 4 Document Change Log

### 4.1 Version

#### 4.1.1 Attributes

Attribute	Description	Multiplicity
Version 1 2020-06-29	Initial release.	