

Capacity Allocation - Transfer Advice Document

Model Documentation



Version 6.0

Document Version: 1

Table of Contents

24		
25		
26	1 Model Detail.....	3
27	2 Document usage decision table.....	4
28	3 Capacity Allocation secondary market	6
29	3.1 Business Process	6
30	3.1.1 Transfer Advice Sequence.....	6
31	3.1.2 Transfer workflow	7
32	3.2 Transfer Advice Document (TRAADV)	8
33	3.2.1 Transfer Advice Document Contextual Model	8
34	3.2.2 Transfer Advice Assembly Model.....	9
35	3.2.2.1 TransferAdvice_Document	10
36	3.2.2.1.1 Attributes	10
37	3.2.2.2 Account	11
38	3.2.2.2.1 Attributes	11
39	3.2.2.3 Period	11
40	3.2.2.3.1 Attributes	11
41	4 Document Change Log.....	13
42	4.1 Version	13
43	4.1.1 Attributes	13
44		
45		
46		

1 Model Detail

COPYRIGHT & LIABILITY

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

58 2 Document usage decision table

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

Transfer Advice Document	Secondary market transfer advice
identification	Mandatory.
version	Mandatory.
documentCode	AMN = Secondary market transfer advice.
creationDateTime	Mandatory.
validityPeriod	Mandatory.
issuer_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).
issuer_MarketParticipant..marketRole.roleCode	ZSH = Balance Responsible Part (only in the case transfer of use). ZUV = Capacity Responsible Party (in all other cases).
recipient_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).
recipient_MarketParticipant..marketRole.roleCode	ZSO = System Operator
contract_Reference.identification	Used only when the account identification is not enough to identify the contract made between the holder/receiver and the System Operator
dealOriginator_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code).
dealId_Reference.identification	Mandatory.
connectionPoint.identification	Mandatory; codingScheme = 305 (EIC Measurement Point Z or Y code) or ZSO.
quantity_MeasureUnit.unitOfMeasureCode	KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d)
trading_Procedure.procedureCode	A01 = Call for Orders (CFO), A02 = First Committed First Served (FCFS) A03 = Over the Counter (OTC)

Transfer Advice Document	Secondary market transfer advice
type_Transaction.transactionCode	A01 = Transfer of ownership A02 = Transfer of Use.
underlyingTariff_Price.amount	Used only if required by the System Operator.
underlyingSurcharge_Price.amount	May be used if required by the System Operator.
Account.identification	Mandatory corresponding to an account of the Issuer of the Transfer Advice Document; codingScheme = 305 (EIC Account Y code) or ZSO.
Account.accountTso	May be used if the identification of the System Operator that created the account is ambiguous; codingScheme = 305 (EIC Party X code).
Period.timeInterval	Mandatory.
Period.direction.gasDirectionCode	Z02 = Input quantity. Z03 = Output quantity.
Period.quantity.amount	Mandatory.
Period.quantity.quantityCode	Used if the bundled capacity is indivisible. ZXO = Bundled quantity indivisible.
Period.bundled_Indication.indicatorCode	A01 = Bundled (Yes). A02 = unbundled (No).
Period.availability.availabilityCode	Z06 = Firm Z05 = Interruptible. Only possible in the case of unbundled capacity.

3 Capacity Allocation secondary market

3.1 Business Process

3.1.1 Transfer Advice Sequence

A Capacity Responsible Party generally books capacity with a System Operator for a given connection point in respect to the local market rules. The System Operator allocates the capacity and informs the Network User of the allocation. The secondary market process concerns the sale of this capacity to a third party and the mechanism of informing the System Operator of the transfer of these capacity rights. The System Operator in essence maintains an account for each Capacity Responsible Party of the capacity right that he holds.

The process concerning the negotiation between the two Capacity Responsible Party's is outside the scope of this document.

The process starts when either the Holder Capacity Responsible Party or the Receiver Capacity Responsible Party informs the System Operator of the transfer. As soon as the System Operator receives a Transfer advice the consistency of the information is verified (e.g. account exists, codes valid, capacity available, etc.). In the case of an error the document is rejected, and the Capacity Responsible Party is informed. In the case where the document is consistent the System Operator waits for the reception of the counterpart Transfer advice.

When the two Transfer advice documents are received, they are matched using as criteria the deal identification (established between the two parties), the originator of the deal, the nature of the trade, the connection point and the relevant quantities and times.

In the case of a match, the System Operator transfers the capacity for one Capacity Responsible Party account to the other and sends a confirmation of the transfer to both parties.

In the case of a mismatch, the System Operator sends a rejection of the transfer to both parties informing them of the reason for the mismatch.

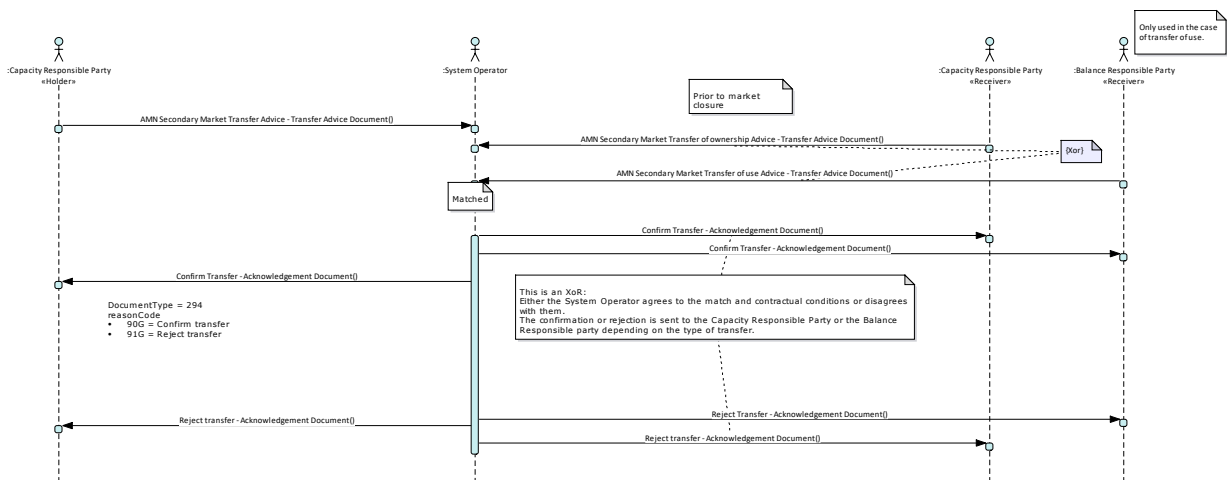


Figure: 1 **Transfer Advice Sequence**

3.1.2 Transfer workflow

The process below is initiated at the end of secondary market activities by a Capacity Responsible Party, who is a Rights Holder, who submits a Transfer notice to the System Operator providing the information about the capacity rights (transfer of ownership or transfer of use) that have been transferred to a Capacity Responsible Party, who is a Rights Receiver, from specific Capacity Responsible Party Accounts.

The System Operator validates the document for coherence and then waits for the Rights Receiver to transmit a similar document.

The Rights Receiver submits within the same timeframe a Transfer notice to the System Operator providing the information about the capacity rights that have been received from a Rights Holder for transferring into specific Capacity Responsible Party accounts.

Once the two Transfer notices have been received, the System Operator matches them and if the match is successful informs both parties that the transfer has been accepted. If there is a mismatch, the System Operator informs both parties that the transfer has been rejected for cited motivations.

Both parties review their documents and recommence the transfer process.

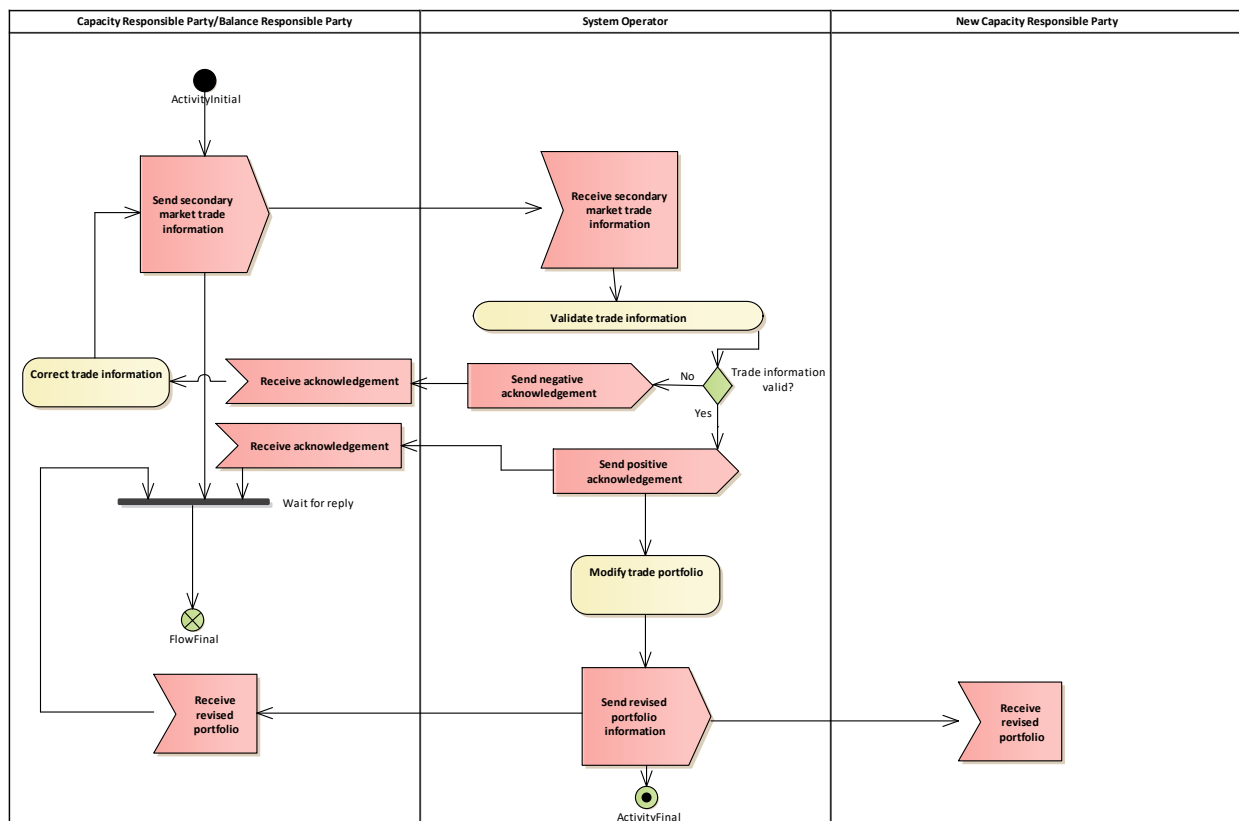


Figure: 2 Transfer workflow

3.2 Transfer Advice Document (TRAADV)

3.2.1 Transfer Advice Document Contextual Model

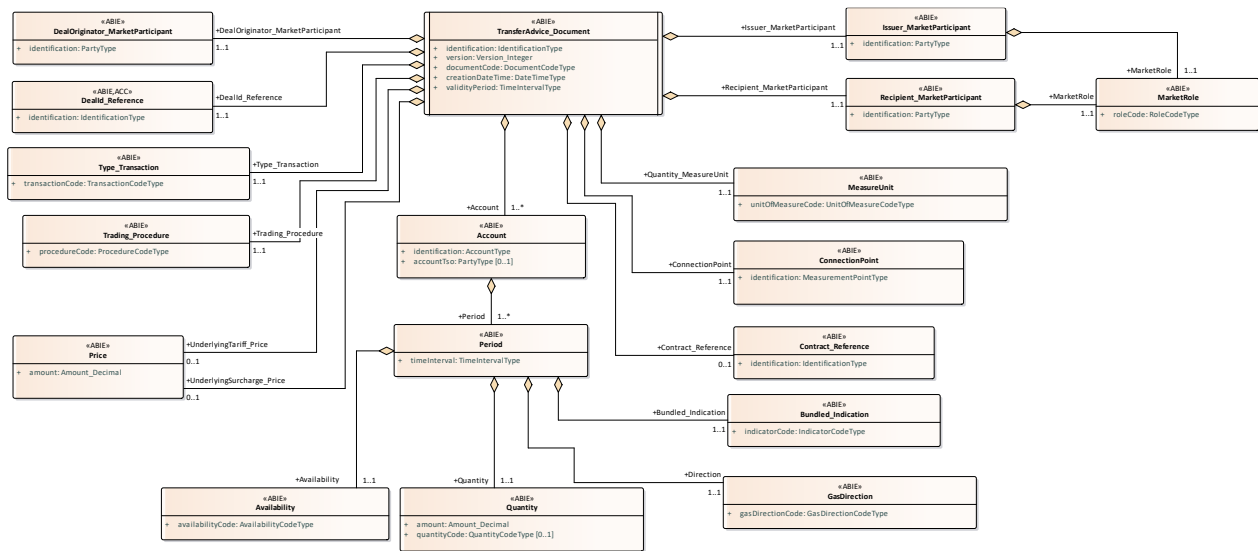


Figure: 3 **Transfer Advice Document Contextual Model**

3.2.2 Transfer Advice Assembly Model

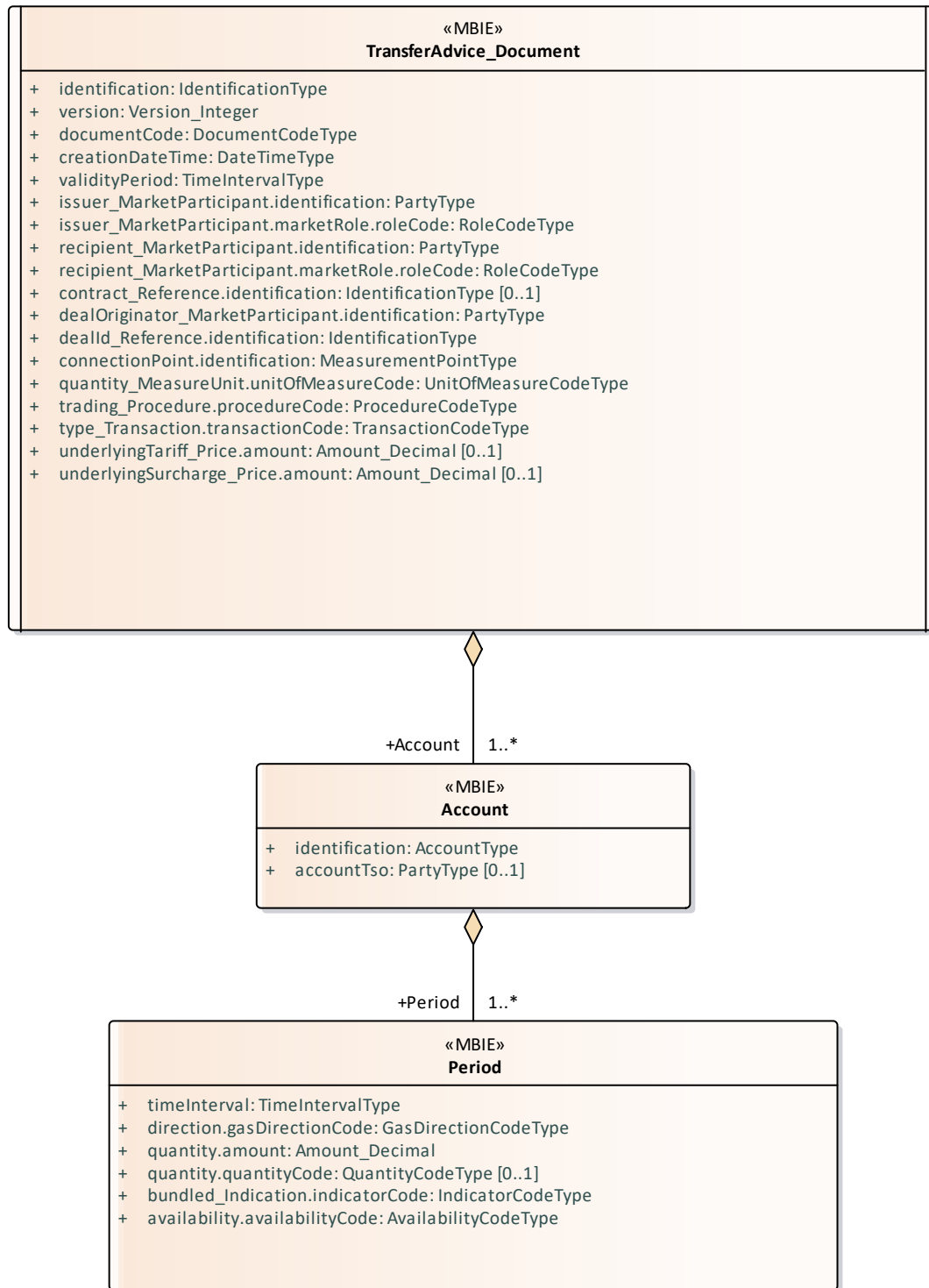


Figure: 4 **Transfer Advice Assembly Model**

3.2.2.1 TransferAdvice_Document

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

There shall be one Transfer Advice Document per transfer of capacity.

A match is considered valid in the case where:

- A DealOriginator,
- DealIdentification,
- TypeTransaction,
- ConnectionPointIdentification.

And all the periods correspond.

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 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 transfer advice document.	
issuer_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The issuer of the transfer advice document. --- The role of the issuer.	
recipient_MarketParticipant.identification	The identification of the party participating in the market. --- The recipient of the transfer advice document.	
recipient_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The recipient of the transfer advice document. --- The role of the recipient of the document.	
contract_Reference.identification	The coded identification of a reference. The contract reference identifies the contract under which the conditions of the content and transmission of the document have been agreed. This is used only when the account identification is not enough to identify the contract made between the holder/receiver and the System Operator.	[0..1]
dealOriginator_MarketParticipant.identification	The identification of the party participating in the market. --- The originator of the deal on the secondary market.	
dealId_Reference.identification	The coded identification of a reference. --- The identification of the deal on the secondary market.	
connectionPoint.identification	The identification of a connection point. --- The identification of a connection point within a System Operator's system.	

Attribute	Description	Multiplicity
quantity_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). --- The unit of measure for all quantities identified in the document.	
trading_Procedure.procedureCode	A code identifying a specific auction procedure. (Refer to the Edig@s ProcedureCodeTypeCodeList for the list of valid codes). --- A classification of the different types of secondary market transactions (i.e. CFO, FCFS; OTC)	
type_Transaction.transactionCode	A code identifying a specific type of transaction. (Refer to the Edig@s TransactionCodeTypeCodeList for the list of valid codes). --- An indication of the type of secondary market trade that is to take place (i.e. Transfer of ownership or transfer of use).	
underlyingTariff_Price.amount	The monetary amount of a price. --- The regulated charge of the primary transaction underlying the secondary market deal .	[0..1]
underlyingSurcharge_Price.amount	The monetary amount of a price. --- The surcharge of the primary transaction underlying the secondary market deal.	[0..1]

3.2.2.2 Account

The account identification must belong to the Issuer of the Transfer Advice Document.

3.2.2.2.1 Attributes

Attribute	Description	Multiplicity
identification	The identification of an account. The identification of an account of the Issuer of the Transfer Advice Document.	
accountTso	The identification of the SO responsible for an account identification.	[0..1]

3.2.2.3 Period

There must always be a Period class.

3.2.2.3.1 Attributes

Attribute	Description	Multiplicity
timeInterval	The start and end date and time of the time interval of the period in question.	
direction.gasDirectionCode	A code identifying the direction of a gas flow. (Refer to the Edig@s GasDirectionCodeTypeCodeList for the list of valid codes).	
quantity.amount	The amount of a quantity.	
quantity.quantityCode	The identification of a specific characteristic of a quantity. (Refer to the Edig@s QuantityCodeTypeCodeList for the list of valid codes).	[0..1]
bundled_Indication.indicatorCode	A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- Indication whether or not the quantity described is bundled.	

Attribute	Description	Multiplicity
availability.availabilityCode	A code identifying the nature of the availability of a product (interruptible, firm, etc). (Refer to the Edig@s AvailabilityCodeTypeCodeList for the list of valid codes).	

132

4 Document Change Log

4.1 Version

4.1.1 Attributes

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