

CEE INTRADAY CAPACITY ALLOCATION AND NOMINATION PROCEDURE

Trader Guide

Annex 2:

CEE Intraday Capacity Allocation and Nomination Procedure - The Trader Guide

to the **Agreement**

on intraday cross-border transmission capacity allocation and nomination

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1. CONTENTS

- 1. Contents.....2
- 2. Introduction3
 - 2.1. Purpose of the Document3
 - 2.2. Definitions and Abbreviations3
 - 2.3. Referenced Documents4
- 3. Intraday Process Description6
 - 3.1. Intraday Concept.....6
 - 3.2. Intraday Time Intervals.....7
 - 3.3. Intraday Time Line8
 - 3.4. Intraday Business Processes.....10
 - 3.4.1. Intraday OC Publishing10
 - 3.4.2. Bids Submitting for Intraday Session11
 - 3.4.3. Publishing of Intraday Allocation Results11
 - 3.4.4. Publishing of Intraday Capacity Rights12
 - 3.4.5. Intraday Nominations Entering12
 - 3.4.6. Confirmation of Final Nominations.....13
 - 3.4.7. Time out.....13
- 4. Intraday Evaluation Algorithm14
- 5. External Interfaces15
 - 5.1. ETSO ECAN15
 - 5.1.1. Capacity Document – OC.....15
 - 5.1.1.1. Definitions.....15
 - 5.1.1.2. Example.....15
 - 5.1.2. Bid Document16
 - 5.1.2.1. Definitions.....16
 - 5.1.2.2. Example.....17
 - 5.1.3. Allocation Result Document17
 - 5.1.3.1. Definitions.....17
 - 5.1.3.2. Example.....18
 - 5.1.4. Rights Document19
 - 5.1.4.1. Definitions.....19
 - 5.1.4.2. CAI Naming Convention.....20
 - 5.1.4.3. Example.....21
 - 5.2. Domain22

2. INTRODUCTION

2.1. Purpose of the Document

The User's Guide for Intraday provides description of capacity allocation and nomination procedure and IT system's requirements to be implemented by electricity trading companies in CEE region.

The main purpose of new intraday concept is adaptation and harmonization of intraday market rules in CEE region in order to comply with CEE scheduling concept introduced recently by *The User's Guide to Scheduling in CEE*. The intraday processes have to offer the same flexibility to market and use the same rules and data formats as for long-term and daily time-frames in order to simplify the situation for market participants.

2.2. Definitions and Abbreviations

Abbreviation	Name	Description
ACK	Acknowledgement document	
ANO	Anomaly report	
ATC	Available transmission capacity	
CAI	Contract Agreement Identification	
CCT	Capacity contract type	
	CEE Scheduling	CEE Scheduling defined in document <i>The User's Guide to Scheduling in CEE Region</i> .
CNF	Confirmation report	
COT	Cut off time	
FCFS	First come first served	
GCT	Gate closure time	
ID	Intraday	



Abbreviation	Name	Description
ITR	Interconnection Trade Responsible	A person and/or and with a balancing contract for one or more control areas. It is identified with a unique EIC and is fully financially responsible for imbalance. ITRs can participate in allocation procedure only if they have grid access at least to one of participating TSOs. The access is limited to those borders of the TSOs to which the party has grid access.
OC	Offered capacity	Part of the ATC. This capacity will be offered to the market.
	Rights Holder	ITR that has obtained capacity in the capacity allocation procedure.
TCA	Transmission Capacity Allocator	Auction Office for intraday market in CEE region (CEPS).
TCA-IT System	Information System of TCA	Information System of TCA.
TSO	Transmission System Operator	TSO of CEE region involved in intraday market (CEPS, SEPS, 50HzT, TENNET, APG, PSEO)
UIOLI	Use It or Lose It	
WebGUI	Webbased Graphical User Interface	

2.3. Referenced Documents

The referenced document used within this Implementation Guide is *The User's Guide to Scheduling in CEE Region, Trader's Manual Version 1.1.0.0*.

The applied communication standards are:

1. ETSO ESS 3.3
ETSO Scheduling System (ESS) Implementation Guide 3.3
2. ETSO ECAN 4.0
ETSO Capacity Allocation and Nomination System (ECAN) Implementation Guide 4.0
3. ENTSO-E Code list 8.0
ETSO General Code List For Data Interchange 8.0
4. ETSO Acknowledgement 5.0



Implementation guide for the ESS (Acknowledgement Document)

5. EIC manual

The Energy Identification Coding Scheme EIC

3. INTRADAY PROCESS DESCRIPTION

3.1. Intraday Concept

The intra-day cross-border trade is an additional market mechanism which allows ITRs to optimize their positions and to react to unexpected events occurred during the day of delivery. The basic principles are listed below:

1. CEPS acts as Allocation Office (Transmission Capacity Allocator) for borders:
 - CEPS–APG
 - CEPS–SEPS
 - CEPS–TENNET
 - CEPS–50HzT
 - PSEO–50HzT
 - PSEO–CEPS
 - PSEO–SEPS
 - MAVIR–SEPS
2. The ID market is held seven days a week without any regards to any holidays within the related areas.
3. The allocation is performed in multiple sessions for hourly products inside the day D. The model used is the division of the day into six cycles (sessions) of four-hour time intervals. (This model will remain unchanged.)
4. Only ITRs are allowed to take part in the ID capacity allocation procedure. The TCA will validate EIC code and verify that the company is ITR according to definition, see [Chapter 2.2. Definitions and Abbreviations](#).
5. The procedures for ID allocation and nomination will be separated into two phases. The ID capacity allocation process will be under responsibility of TCA who distributes the resulted Capacity Rights to involved TSOs. The ITRs (Rights Holders and their counterparts) will be obliged to submit ID cross-border schedules explicitly to their domestic TSO. However, the ID market will be organized as “rights-with-obligation”, i. e. the capacity acquired in the ID trading comes with the obligation to use the capacity. The ITR is obliged to nominate all capacity acquired in the ID allocation process. The compliance of the obligation rule is handled manually. The scheduling systems use the capacity rights in accordance with the D – 1 procedure.
6. The evaluation algorithm consists of two steps. In the first step, the bids are assessed with respect to the current grid condition using flow-based mechanism. In the second step, the preliminary accepted bids are compared with capacity limits (OC) on technical / commercial borders and bids exceeding such limitations are rejected. Bids are processed based on



delivery time, i. e. FCFS approach is used. One mixed list is created from bids of ITRs for all concerned borders. The evaluation is performed continuously – each bid is evaluated immediately after receiving by the TCA.

7. The capacities are allocated free of charge.
8. The D – 1 harmonized CEE scheduling concept agreed among 8 CEE TSOs will be applied also for intra-day nominations (M : N, CAIs, CCTs, pro-rata curtailment of nominations exceeding capacity rights, lower-value principle after COT, etc.). Cross nominations (M : N) are allowed.

3.2. Intraday Time Intervals

In the course of a business day, the ID capacity allocation is performed in multiple auctions for time intervals inside the day D (one auction for one continuous time-interval). The nominations process is applied for the same time intervals defined.

The initial configuration: 6 time intervals, standard day with 24 hours (CET):

ID Time Interval	Order Number of Hours	Time Interval (CET)
Time Interval 1.	1.–4.	(00:00:00–04:00:00)
Time Interval 2.	5.–8.	(04:00:00–08:00:00)
Time Interval 3.	9.–12.	(08:00:00–12:00:00)
Time Interval 4.	13.–16.	(12:00:00–16:00:00)
Time Interval 5.	17.–20.	(16:00:00–20:00:00)
Time Interval 6.	21.–24.	(20:00:00–00:00:00)

The initial configuration: 6 time intervals, daylight saving time day with 23 hours (CEST):

ID Time Interval	Order Number of Hours	Time Interval (CET)
Time Interval 1.	1.–3.	(00:00:00–04:00:00)
Time Interval 2.	4.–7.	(04:00:00–08:00:00)
Time Interval 3.	8.–11.	(08:00:00–12:00:00)
Time Interval 4.	12.–15.	(12:00:00–16:00:00)
Time Interval 5.	16.–19.	(16:00:00–20:00:00)
Time Interval 6.	20.–23.	(20:00:00–00:00:00)

The initial configuration: 6 time intervals, daylight saving time day with 25 hours (CEST):

ID Time Interval	Order Number of Hours	Time Interval (CET)
Time Interval 1.	1.–5.	(00:00:00–04:00:00)
Time Interval 2.	6.–9.	(04:00:00–08:00:00)
Time Interval 3.	10.–13.	(08:00:00–12:00:00)
Time Interval 4.	14.–17.	(12:00:00–16:00:00)
Time Interval 5.	18.–21.	(16:00:00–20:00:00)
Time Interval 6.	22.–25.	(20:00:00–00:00:00)

3.3. Intraday Time Line

The time line for activities in D – 1 before the first ID session (D is day of delivery):

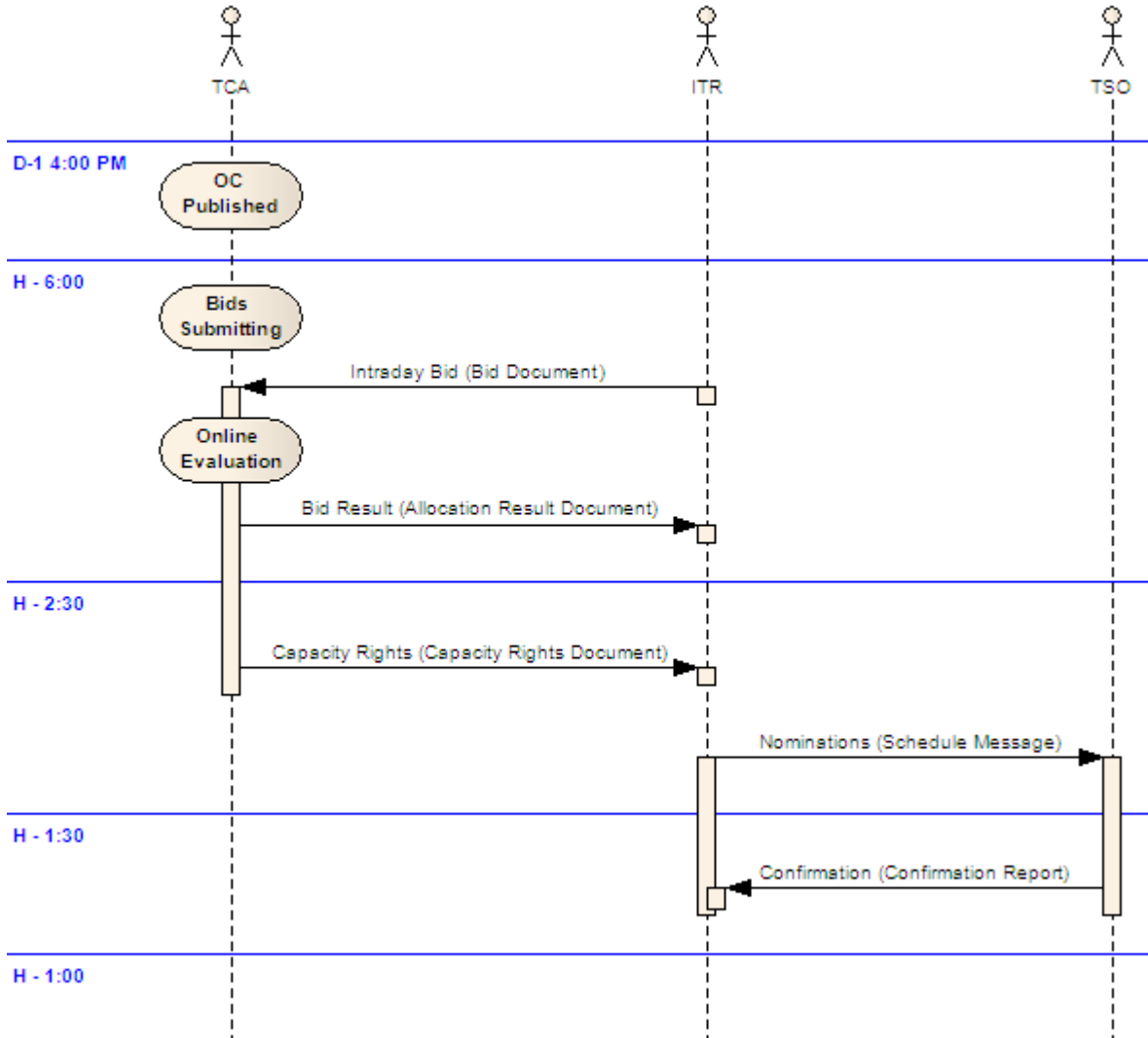
Process	Opening Time	Closing Time	Responsibility
Publication of preliminary ID OC		By D – 1, 16:00	TCA

The time line for one ID session is described below (H is the first hour of ID time interval):

Process	Start Time	Closing Time	Responsibility
Publication of final ID OC (<i>Note: OC updates are continuously available.</i>)		H – 2:30	TCA
Bids submitting for ID session	H – 6:00	H – 2:30	ITRs
Publishing of ID allocation results	H – 2:28		TCA
Publishing of ID capacity rights	H – 2:25		TCA
ID nominations entering	According to local rules (no later than H – 2:20)	H – 1:30	ITRs
Confirmation of final nominations		By H – 0:45	TSOs

The indicated start and closing times are independent from the changes of day-light saving time.

The main activities and data flows of CEE ID market are captured on the schema below:



Maintenance Period

The maintenance period of TCA IT system is regularly performed each Tuesday between 19:30 and 21:30. Considering that this maintenance period interferes in the time schedule of the 1st session on Wednesday (0:00–4:00), the following extraordinary time schedule is applied for this affected session:

Process	Opening Time	Closing Time
Publication of final ID OC (<i>Note: OC updates are continuously available.</i>)		H – 2:00 (22:00)
Bids submitting for ID session	H – 2:30 (21:30)	H – 2:00 (22:00)

Process	Opening Time	Closing Time
Publishing of ID allocation results	H – 1:58 (22:02)	
Publishing of ID capacity rights	H – 1:55 (22:05)	
ID nominations entering	According to local rules but no later than H – 1:50 (22:10)	H – 1:30 (22:30) – no change
Confirmation of final nominations		By H – 0:45 (23:15) – no change

3.4. Intraday Business Processes

3.4.1. Intraday OC Publishing

The rules applied for OC publishing:

- The ID ATC is calculated as the difference between the NTC value and the Already Allocated Capacity (AAC), which is equal to total long-term and daily nominations. Capacity allocated in long-term and daily auctions but not nominated during the scheduling phase is again offered to the market (UIOLI principle is applied). The netting of the AAC values is used (100 %).
- The preliminary OC is published by D – 1 16:00. The OC can be updated by H – 2:30 and new values are continuously available to ITRs.
- The ID OC is published for the following borders:
 - Technical border for Poland defined as common limitation for commercial borders PSEO–50HzT, PSEO–CEPS, PSEO–SEPS.
 - Technical border Germany defined as common limitation for commercial borders PSEO–50HzT, CEPS–50HzT, CEPS–TENNET.
 - CEPS–APG
 - SEPS–PSEO
 - MAVIR–SEPS
- ECAN v4r0 format is used for OC publication (Capacity Document), see [Chapter 5.1.1. Capacity Document – OC](#).

The TCA-IT system provides the following ways of the OC retrieving:

- Available OC via web form in the WebGUI.
- Available OC following the ECAN v4r0 standard via automatic email submission.
- Available OC following the ECAN v4r0 standard via the Web Services Interface.

3.4.2. Bids Submitting for Intraday Session

The rules applied for bids submitting:

- Gate opening for bids submitting is at H – 6:00. Gate for bids is closed at H – 2:30.
- Immediately after bid submitting formal validations are performed and the ITR is informed about processing results using Acknowledgement Document (positive or negative).
- The ID evaluation process is executed by TCA every time when new bid is submitted and ITR is informed about bid acceptance / rejection. The ECAN Allocation Result Document is used for this purpose, see the following *Chapter 4.4.3. Publishing of Intraday Allocation Results*.
- Bids sent by ITRs are indivisible in terms of power and time, i. e. any bid must be either fully accepted for all business hours within the session, or rejected in full.
- Bids are submitted only to TCA system.
- Due to the on-line bids processing, ITRs are not allowed to edit already entered bids.
- Bids are delivered for the following borders:
 - CEPS–APG
 - CEPS–SEPS
 - CEPS–TENNET
 - CEPS–50HzT
 - PSEO–50HzT
 - PSEO–CEPS
 - PSEO–SEPS
 - MAVIR–SEPS
- ECAN v4r0 format is used for bids submitting (Bid Document), see Chapter 6.1.2. Bid Document.

The TCA-IT system provides the following ways of bid submission:

- Manually via web form in the WebGUI
- Copy and Paste from Microsoft Excel in the WebGUI
- Upload of ECAN Bid Document through the Web Services Interface

3.4.3. Publishing of Intraday Allocation Results

The ID evaluation process is executed by TCA every time when new bid is submitted by ITRs. All not yet evaluated bids are subject of the evaluation, considering the already accepted bids. The algorithm is described in Chapter 5. Intraday Evaluation Algorithm.



ECAN v4r0 format is used (Allocation Results Document), see [Chapter 6.1.3. Allocation Result Document](#). Document is available for ITRs immediately after each individual evaluation.

The TCA-IT system provides the following ways of the results retrieving:

- Available results via web form in the WebGUI.
- Available results following the ECAN v4r0 standard via automatic email submission. Such documents are sent to ITRs for all newly submitted bids being involved in the evaluation process.

3.4.4. Publishing of Intraday Capacity Rights

The rules applied for capacity rights:

- Following the gate closure for bids submitting an ID rights document is created and sent to ITRs and the pTSOs. The ID capacity rights will be available at H – 2:25. One document will be provided for each border.
- The Capacity Agreement Identification is assigned to capacity rights. The CAI naming convention is specified in [Chapter 5.1.4.2. CAI Naming Convention](#).
- The Rights Document contains only capacity rights related to one session (the previous sessions are not included).
- The Rights Document will not be distributed to ITR in case no bids have been submitted by ITR for the respective session.
- The Capacity Rights will be distributed at latest at H-1:30. If the Capacity Rights are not available at latest at H – 1:30 for all TSOs, the affected TSOs have the right to cancel the session for the affected border(s).
- The ECAN v4r0 Rights Document is used, see [Chapter 5.1.4. Rights Document](#).
- If the session has been cancelled, the empty Rights Document is distributed with Reason code A99.

The TCA-IT system provides the following ways of the capacity rights retrieving:

- Available capacity rights via web form in the WebGUI.
- Available capacity rights following the ECAN v4r0 standard via automatic email submission.

3.4.5. Intraday Nominations Entering

ITR and its counterpart ITR respectively are obliged to send nominations with the CAI of the obtained capacity right to their domestic pTSO.

The ID nomination rules:



- Gate opening depends on local market rules but must be opened no later than H – 2:20. Gate for nominations is closed at H – 1:30.
- The different CAI is assigned to Rights Holders for each ID session. An assigned CAI has to be used in nomination process. The exact nomination rules depend on local market rules.
- The cross-nominations (M : N) are allowed also for ID.
- The Rights Holder is obliged to use all acquired capacity. This rule is considered as fulfilled when the nomination is equal to the capacity for each hour and together it is fully matched with counterpart nomination. If the Rights Holder breaches this rule in three different business days during one calendar year, then the TSO has the right to disable the Rights Holder from ID capacity allocation for the period of 12 months, by submitting the request to the TCA. Changes become effective according to required date in the request but not earlier than next day after receiving the request. The rule shall be considered as breached when the Rights Holder does not use capacity at least in one hour in the session.
- Local rules can give ITRs possibility to simplify nomination process e. g. via automatic nominations but such procedure is not unified and it is the decision of each particular TSO whether and how the automatic nominations will be allowed.
- The validation of the entered nominations is performed applying the same rules as at D – 1.
- No correction cycles are defined in matching process. In the case of mismatch between domestic and neighbouring nominations, or in the case of exceeding the capacity right, the automatic measures are applied as at D – 1 after cut-off time.
- ESS format is used in the same way as at D – 1.

3.4.6. Confirmation of Final Nominations

The ITRs will be informed by intermediate / final CNF about the matched nominations by H – 0:45. The type of CNF used depends on local market rules. Anomaly Reports are not provoked by the ID procedure. ESS format is used for CNF (Confirmation Report).

3.4.7. Time out

If matching result is not available till H – 0:45, all not yet matched intraday nominations are set to zero independently by both corresponding TSOs and consequently set as faultless.

4. INTRADAY EVALUATION ALGORITHM

Algorithm Input: The set of ID bids for one ID session entered for all involved control areas (CEPS, SEPS, 50HZT, TENNET, APG and PSEO).

Algorithm Output: Accepted / rejected bids. Bids sent by ITRs are indivisible in terms of power and time, i. e. any bid must be either fully accepted for all business hours within the session, or rejected in full.

Algorithm Description:

1. Flow-based Evaluation (applied on CEPS commercial borders only):

- a. Firstly, the common merit order list of the not yet evaluated bids is created based on First-Come-First-Served (FCFS) principle. Bids are evaluated one by one in the order in which they have been received by the system. The bids for all involved borders are included in this list. The flow-based evaluation is applied only on commercial borders of Control Area ČEPS. Therefore bids submitted for PSEO–50HzT, PSEO–SEPS or MAVIR–SEPS border are evaluated only using NTC-based evaluation (step 2 of this algorithm is performed).
- b. Once merit order is prepared, the flow-based evaluation process is applied. Each transaction is assessed in terms of its effects on each border up to the remaining available capacity. The available capacities are determined on the basis of specified capacity limit values on borders (using the PTDF matrix) and DACF forecast models. Each bid is distributed to individual physical borders using the calculated distribution coefficients (PTDFs). The effect of individual transactions is thus simulated step by step, and the resulting model flows are added to the flows in the predictive DACF models created in $D - 1$. The computing system continuously compares physical flows on borders with forecasts obtained from the DACF model. If the deviation of these values exceeds a specified insensitivity threshold, the system cancels all bids concerning the hours for which the threshold was exceeded. Netting level applied within the allocation algorithm will be configurable (considering the risk of the non-fulfilling of the rights-with-obligation rule). The initial value will be 0 %.

2. NTC-based Evaluation: The preliminary accepted bids are compared with capacity limits (ATC) on technical / commercial borders and bids exceeding such limitations are rejected.

Specific features of the ID bidding and evaluation process caused by on-line processing:

- The algorithm is launched after each ID bid submission and ITR is informed about bid acceptance / rejection. Such result is final and cannot be changed later. Only newly submitted bids are considered for evaluation process.
- Modification of processed bids could have impact on the remaining already accepted / rejected bids and impose some changes. From this reason ITR is not allowed to modify already submitted bids; only new bids can be delivered. In order to change the current position, ITR can submit bids in opposite border direction.

5. EXTERNAL INTERFACES

5.1. ETSO ECAN

5.1.1. Capacity Document – OC

5.1.1.1. Definitions

The document is compliant with ECAN v4r0.

Capacity Document used for OC:

- Document Type: A31
- Process Type: A15
- Sender Identification: EIC of Auction Office (CEPS)
- Sender Role: A07 (Transmission Capacity Allocator)
- Receiver Identification: Party code
- Receiver Role: A29 (Capacity Trader)
- Capacity Time Interval: Business day
- Business Type: A31 (OC)
- In Area: The (control) area where the energy is to be put (Note: Market area/virtual area should be defined and used for Germany; the Technical Border with Germany will be defined as couple of market area Germany and control area CEPS.)
- Out Area: The (control) area where the energy is coming from
- The resolution is 60 Minutes

5.1.1.2. Example

An example of Capacity Document with Offered Capacity for ID session:

```
<?xml version="1.0" encoding="UTF-8"?>
<CapacityDocument DtdVersion="4" DtdRelease="0">
  <DocumentIdentification v="A31_CZAU-I-15052010-00017"/>
  <DocumentVersion v="1"/>
  <DocumentType v="A31"/>
  <ProcessType v="A15"/>
  <SenderIdentification v="10XCZ-CEPS-GRIDE" codingScheme="A01"/>
  <SenderRole v="A07"/>
  <ReceiverIdentification v="11XUNI-CZ-----5" codingScheme="A01"/>
  <ReceiverRole v="A29"/>
  <CreationDateTime v="2010-05-14T22:39:59Z" />
  <CapacityTimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
  <Domain v="10YCZ-CEPS-----N" codingScheme="A01"/>
  <CapacityTimeSeries>
    <TimeSeriesIdentification v="10049"/>
    <BusinessType v="A31"/>
  </CapacityTimeSeries>
</CapacityDocument>
```



```

<Product v="8716867000016"/>
<InArea v="10YCZ-CEPS-----N" codingScheme="A01"/>
<OutArea v="10YAT-APG-----L" codingScheme="A01"/>
<MeasurementUnit v="MAW"/>
<AuctionIdentification v="CZAU-I-15052010-00308"/>
<Period>
  <TimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
  <Resolution v="PT60M"/>
  <Interval>
    <Pos v="1"/>
    <Qty v="150"/>
  </Interval>
  <Interval>
    <Pos v="2"/>
    <Qty v="150"/>
  </Interval>
  <Interval>
    <Pos v="3"/>
    <Qty v="200"/>
  </Interval>
  <Interval>
    <Pos v="4"/>
    <Qty v="200"/>
  </Interval>
</Period>
</CapacityTimeSeries>
</CapacityDocument>

```

5.1.2. Bid Document

5.1.2.1. Definitions

The document is compliant with ECAN v4r0.

Bid Document used for ID bids:

- Document Type: A24
- Process Type: A15
- Sender Identification: Party code
- Sender Role: A29
- Receiver Identification: EIC of Auction Office
- Receiver Role: A07
- Bid Time Interval: ID time interval
- In Area: The (control) area where the energy is to be put
- Out Area: The (control) area where the energy is coming from
- Price Amount: not used
- The resolution is 60 Minutes

5.1.2.2. Example

An example of Bid Document with one bid for ID session:

```
<?xml version="1.0" encoding="UTF-8"?>
<BidDocument DtdVersion="4" DtdRelease="0">
  <DocumentIdentification v="intraday_bid_example"/>
  <DocumentVersion v="1"/>
  <DocumentType v="A24"/>
  <SenderIdentification v="11XUNI-CZ-----5" codingScheme="A01"/>
  <SenderRole v="A29"/>
  <ReceiverIdentification v="10XCZ-CEPS-GRIDE" codingScheme="A01"/>
  <ReceiverRole v="A07"/>
  <CreationDateTime v="2010-05-14T12:05:05Z" />
  <BidTimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
  <Domain v="10YCZ-CEPS-----N" codingScheme="A01"/>
  <SubjectParty v="11XUNI-CZ-----5" codingScheme="A01"/>
  <SubjectRole v="A29"/>
  <BidTimeSeries>
    <BidIdentification v="19"/>
    <AuctionIdentification v="CZAU-I-15052010-00308"/>
    <BusinessType v="A03"/>
    <InArea v="10YCZ-CEPS-----N" codingScheme="A01"/>
    <OutArea v="10YAT-APG-----L" codingScheme="A01"/>
    <MeasureUnitQuantity v="MAW"/>
    <Divisible v="A02"/>
    <BlockBid v="A01"/>
    <Period>
      <TimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
      <Resolution v="PT60M"/>
      <Interval>
        <Pos v="1"/>
        <Qty v="27"/>
      </Interval>
      <Interval>
        <Pos v="2"/>
        <Qty v="27"/>
      </Interval>
      <Interval>
        <Pos v="3"/>
        <Qty v="27"/>
      </Interval>
      <Interval>
        <Pos v="4"/>
        <Qty v="0"/>
      </Interval>
    </Period>
  </BidTimeSeries>
</BidDocument>
```

5.1.3. Allocation Result Document

5.1.3.1. Definitions

The document is compliant with ECAN v4r0.



Allocation Results Document is used to inform ITRs about detailed ID results related to their submitted bids:

- Document Type: A25
- Sender Identification: EIC of Auction Office
- Sender Role: A07
- Receiver Identification: Party code
- Receiver Role: A29
- Bid Time Interval: ID time interval
- In Area: The (control) area where the energy is to be put
- Out Area: The (control) area where the energy is coming from
- Business Type: A03
- Contract Type: A07
- Price Amount: not used.
- The resolution is 60 Minutes

5.1.3.2. Example

An example of Allocation Result Document for ID session:

```
<?xml version="1.0" encoding="UTF-8"?>
<AllocationResultDocument DtdVersion="4" DtdRelease="0">
  <DocumentIdentification v="intraday_results_example"/>
  <DocumentVersion v="1"/>
  <DocumentType v="A25"/>
  <SenderIdentification v="10XCZ-CEPS-GRIDE" codingScheme="A01"/>
  <SenderRole v="A07"/>
  <ReceiverIdentification v="11XUNI-CZ-----5" codingScheme="A01"/>
  <ReceiverRole v="A29"/>
  <CreationDateTime v="2010-05-14T18:07:02Z" />
  <BidTimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
  <Domain v="10YCZ-CEPS-----N" codingScheme="A01"/>
  <SubjectParty v="11XUNI-CZ-----5" codingScheme="A01"/>
  <SubjectRole v="A29"/>
  <AllocationTimeSeries>
    <TimeSeriesIdentification v="105"/>
    <BidDocumentIdentification v="intraday_bid_example"/>
    <BidDocumentVersion v="1"/>
    <BidIdentification v="19"/>
    <AuctionIdentification v="CZAU-I-15052010-00308"/>
    <BusinessType v="A03"/>
    <InArea v="10YCZ-CEPS-----N" codingScheme="A01"/>
    <OutArea v="10YAT-APG-----L" codingScheme="A01"/>
    <ContractType v="A07" />
    <ContractIdentification v="I_10051502_AC_11XUNI-CZ-----
5_89KI"/>
    <MeasureUnitQuantity v="MAW"/>
    <Period>
```

```
<TimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
<Resolution v="PT60M"/>
<Interval>
  <Pos v="1"/>
  <Qty v="0"/>
  <BidQty v="27"/>
</Interval>
<Interval>
  <Pos v="2"/>
  <Qty v="0"/>
  <BidQty v="27"/>
</Interval>
<Interval>
  <Pos v="3"/>
  <Qty v="0"/>
  <BidQty v="27"/>
</Interval>
<Interval>
  <Pos v="4"/>
  <Qty v="0"/>
  <BidQty v="27"/>
</Interval>
</Period>
</AllocationTimeSeries>
</AllocationResultDocument>
```

5.1.4. Rights Document

5.1.4.1. Definitions

The document is compliant with ECAN v4r0.

Rights Document is used to inform the pTSO about the allocated ID capacity rights:

- Document Identification: Will be different for each individual ID session.
- Document Type: A23
- Sender Identification: EIC of Auction Office (CEPS)
- Sender Role: A07 (Transmission Capacity Allocator)
- Receiver Identification: Party code
- Receiver Role: A29 (Capacity Trader)
- Applicable Time Interval: ID time interval (0:00–4:00, 4:00–8:00 etc.)
- Domain: see *Chapter 5.2. Domain*
- Document Status: A02 (final)
- Business Type: A33
- In Area: The (control) area where the energy is to be put
- Out Area: The (control) area where the energy is coming from
- Rights holder: The capacity rights owner



- Contract Identification: Will be different for each individual ID session. See Chapter CAI Naming Convention below.
- Contract Type: A07 Intraday Contract
- The resolution is 60 Minutes
- Measure Unit Quantity: MAW
- Qty: 3 decimals, all decimals have to zero
- Fields from the ECAN document that are not used for the scheduling process: Transferee Party; Previous Contract Identification; Auction Identification; Currency; Measure Unit Price

5.1.4.2. CAI Naming Convention

The following naming convention will be used for capacity identification in the element Contract Identification (35 characters):

I_<DATE><SESSION>_<SOURCE_TSO><TARGET_TSO>_<ITR_EIC>_<CONTINGENCY number>

The explanation of the elements:

I	Indicates ID Physical Transmission Rights.
<DATE>	Business day in format "YYMMDD", where YY indicates the last two positions, i.e. for 2010 only 10 is used.
<SESSION>	Order number of ID session in format "XX".
<SOURCE_TSO>	The couple of <i>Source TSO</i> and <i>Target TSO</i> representing border direction. In the <i>Source TSO</i> element, there is the first letter of the source TSO code. The letters to be used: <ul style="list-style-type: none"> • APG – A • CEPS – C • PSEO – P • SEPS – S • TENNET – T • 50HzT – 5 • MAVIR - M
<TARGET_TSO>	The first letter of the target TSO code.
<ITR_EIC>	The EIC identification of the ITR (16 characters).
<CONTINGENCY number>	4 characters created via Auction Office.

Examples:



I_10010101_CA_11XUNI-CZ-----5_XY90	Capacity rights for the first ID session of business day 1.1.2010, border direction CEPS-APG and ITR UNI.
I_10123106_5C_11XUNI-CZ-----5_27H4	Capacity rights for the last ID session of business day 31.12.2010, border direction 50HzT-CEPS and ITR UNI.

One single CAI will be assigned for the combination of ID session, In Area, Out Area, Rights Holder and Contract Type. In other words, all capacity rights for each specified combination will be summed up and single time series will be provided for such combination.

5.1.4.3. Example

Capacity rights allocated for the second ID session of business day 15.5.2010 for border direction CEPS-APG:

```
<?xml version="1.0" encoding="UTF-8"?>
<RightsDocument DtdVersion="4" DtdRelease="0">
  <DocumentIdentification v="A23_CZAU-I-15052010-003948"/>
  <DocumentVersion v="1"/>
  <DocumentType v="A23"/>
  <SenderIdentification codingScheme="A01" v="10XCZ-CEPS-GRIDE"/>
  <SenderRole v="A07"/>
  <ReceiverIdentification codingScheme="A01" v="11XUNI-CZ-----5"/>
  <ReceiverRole v="A29"/>
  <CreationDateTime v="2010-05-15T01:00:00Z"/>
  <ApplicableTimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
  <Domain v="10YDOM-AT-CZ---5" codingScheme="A01" />
  <DocumentStatus v="A02"/>
  <RightsTimeSeries>
    <TimeSeriesIdentification v="00033"/>
    <BusinessType v="A33"/>
    <InArea codingScheme="A01" v="10YAT-APG-----L"/>
    <OutArea codingScheme="A01" v="10YCZ-CEPS-----N"/>
    <RightsHolder codingScheme="A01" v="11XUNI-CZ-----5"/>
    <ContractIdentification v="I_10051502_CA_11XUNI-CZ-----
5_UJ39"/>
    <ContractType v="A07"/>
    <MeasureUnitQuantity v="MAW"/>
    <Period>
      <TimeInterval v="2010-05-15T02:00Z/2010-05-15T06:00Z"/>
      <Resolution v="PT60M"/>
      <Interval>
        <Pos v="1"/>
        <Qty v="17.000"/>
      </Interval>
      <Interval>
        <Pos v="2"/>
        <Qty v="17.000"/>
      </Interval>
      <Interval>
        <Pos v="3"/>
        <Qty v="17.000"/>
      </Interval>
    </Period>
  </RightsTimeSeries>
</RightsDocument>
```



```

        <Interval>
            <Pos v="4"/>
            <Qty v="17.000"/>
        </Interval>
    </Period>
</RightsTimeSeries>
</RightsDocument>

```

5.2. Domain

The domain element is used for all data flows above in order to assign document to proper border.

Border	Domain
APG - CEPS	10YDOM-AT-CZ---5
CEPS - TENNET	10YDOM-CZ-D2---0
CEPS - 50HzT	10YDOM-CZ-D8---V
CEPS - PSEO	10YDOM-CZ-PL---5
CEPS - SEPS	10YDOM-CZ-SK---T
50HzT - PSEO	10YDOM-D8-PL---R
PSEO - SEPS	10YDOM-PL-SK---0
Border Area Czech Republic, Germany and Slovakia	10YDOM-CZ-DE-SKK
Border Area Czech Republic and Poland	10YDOM--CZ-PL--S
MAVIR - SEPS	10YDOM-HU-SK---0