



**Annex 1 to the Proposal for nomination rules for Physical Transmission Rights for the bidding zone border(s) between Austria, Croatia, Czech Republic, Germany, Hungary, Poland, Slovakia, and Slovenia**

The User's Guide to Scheduling  
Trader's Manual



## TABLE OF CONTENTS

1	INTRODUCTION .....	3
1.1	Definitions and abbreviations.....	3
2	GENERAL DEFINITIONS .....	4
2.1	Business process .....	4
2.2	Communication to TSOs and AO .....	4
2.3	Basic Rules for nomination .....	4
2.4	TSOs' reactions.....	4
2.5	Description of processes - Timeline .....	5
2.5.1	Long Term nomination.....	6
2.5.2	Correction Cycle Long Term .....	6
2.5.3	Daily Nomination .....	7
2.5.4	Correction Cycle Daily .....	7
2.5.5	Curtailment of nominations .....	8

# 1 INTRODUCTION

## 1.1 Definitions and abbreviations

Abbreviation	Description	Remark
ACK	Acknowledge document	
ANO	Anomaly Report	
AO	Allocation Office	
BRP	Balance responsible Party	Market participant with a balancing contract for one or more scheduling areas. In the context of this guide, this is the counterpart of the ITR if the ITR doesn't act in both (source and sink) areas.
CAI	Contract Identification	
CCT	Capacity Contract Type	
CNF	Confirmation Report	
COT	Cut off time	
fCNF	Final CNF	Final CNF sent to the BRP/ITR/SC, Final CAS-CNF sent to the Initiating TSO
GCT	Gate closure time	
iCNF	Intermediate CNF	Intermediate CNF sent to the BRP/ITR/SC, Intermediate CAS-CNF sent to the Initiating TSO
ITR	Interconnection Trade Responsible	Balance Responsible Party which is known by the Nomination validator as the entity entitled to use the capacity rights
LMR	Local market rules	
PTR	Physical transmission right	
RC	Reason code	
RD	Rights document	
SA	Scheduling Area	
SC	Scheduling Coordinator	
SO	System Operator	SO is used referring to the ECAN document. In the context of this guide, TSO is meant.
TS	Time series	
TSO	Transmission System Operator	



## 2 GENERAL DEFINITIONS

### 2.1 Business process

The business process between traders and TSOs is standardised. This especially regards the timeline and the communication.

The scheduling is done seven days a week without any regards to local public holidays within the related areas.

### 2.2 Communication to TSOs and AO

The defined communication standards and related documents are

- /1/ ETSO ESS 2.3  
ETSO Scheduling System (ESS) Implementation Guide 2.3
- /2/ ETSO ECAN 4.0  
ETSO Capacity Allocation and Nomination System (ECAN) Implementation Guide 4.0
- /3/ ENTSO-E Code list  
ENTSO-E General Code List For Data Interchange
- /4/ ENTSO-E Acknowledgement Document (EAD) 5.0  
Implementation guide for the ESS (Acknowledgement Document)
- /5/ ETSO ESS 3.3 ETSO Scheduling System (ESS) Implementation Guide 3.3

Updates to these documents may apply.

### 2.3 Basic Rules for nomination

Basic Rules:

- The direction of nominations and the direction of the relevant capacity right must be the same.
- One of the ITRs on either side must be the owner of the capacity right. In case of 1:1 nomination as special case of cross border nomination the ITRs on both sides and the owner are the same
- The total of the volume in the nominated time series using the same CAI must not exceed the volume of the respective capacity right

### 2.4 TSOs' reactions

When a document with a Scheduled Exchange is received by the TSO it will be formally checked immediately. If the result of the formal check is OK, the trader gets an ACK-report with the reason code A01. In case of formal errors TSO doesn't accept the document.

Nomination without RD: This type of nomination depends on local market rules.

If a validation against the rights document couldn't be executed during the formal check because of non-availability of the Capacity Rights Document the ITR will be informed by an additional reason Code A75 within the ACK-report. If the Capacity Rights Document is available to the TSO



at the time of receiving the nomination, trader will be informed by the TSO about any exceeded capacity rights within an ANO-report. If the Capacity Rights Document is received later on or a nomination from another ITR leads to an exceeding of capacity rights, the trader will be informed by an ANO-report after the indication was detected.

In case of nomination rejection reason codes and reason texts are given in the Acknowledgement message.

Besides the exceeding of capacity rights the ANO-report can contain detected mismatches depending on the process step.

An Anomaly Report will always contain the original values of the sender and, if available, the original values of the partner.

## 2.5 Description of processes - Timeline

The timeline of the scheduling process is specified as follows\*:

<b>Process</b>	<b>Start of the process (CET)</b>	<b>End of the process (CET)</b>
LT nomination	D-2 12:00 or earlier according to LMR	D-2 17:00
Correction cycle LT	D-2 17:00	D-2 18:00
LT matching cycle at COT	D-2 18:00	D-2 18:15
In case of curtailment of LT nominations: TSOs applies the reduction factor to the nominated PTRs		asap (no dedicated timeslot foreseen)
In case of curtailment of LT nominations: additional matching after LT curtailment		asap (no dedicated timeslot foreseen)
Daily Auction	According to auction specification, usually D-1 9:00	According to auction specification, usually D-1 9:30
Daily nomination	D-1 10:00 For Polish borders: D-1 10:30	D-1 14:30 For Polish borders: D-1 13:30
Correction cycle Daily	D-1 14:30 For Polish borders: D-1 13:30	D-1 15:30 For Polish borders: D-1 14:15

Daily matching cycle at COT	D-1 15:30 For Polish borders: D-1 14:15	D-1 15:45 For Polish borders: D-1 14:30
In case of curtailment of daily nominations: TSOs applies the reduction factor to the nominated PTRs		asap (no dedicated timeslot foreseen)
In case of curtailment of daily nominations: Deadline for curtailment of nominations after Daily GCT		D-1 18:00**
In case of curtailment of daily nominations: Matching after curtailment of nominations after Daily GCT		asap (no dedicated timeslot foreseen)

\* the timeline describes the standard situation without any incidents

\*\* in case of Force Majeure or Emergency Situation, curtailment can be performed even later The intraday nominations will be performed according to local market rules and is not part of the document.

### 2.5.1 Long Term nomination

During this period the ITR may send Scheduled Exchanges. According to local market rules at this stage of the process the TSO may send

- Information that the Scheduled Exchanges were received
- Positive or negative Acknowledgement Documents
- Anomaly Report

In case of errors the ITR should correct the nominations as soon as possible.

If the nomination gate is cancelled due to technical failures, the unused capacity is made available to the day-ahead market. The owner of the Physical Transmission Right will be refunded for the non-nominated capacity via the UIOSI principle.

### 2.5.2 Correction Cycle Long Term

During the correction cycle the ITRs may send corrected nominations. Only mismatched time series or time series with exceeded capacity rights can be re-nominated at this stage of the process. Already matched time series must not be changed.

The correction cycle ends with the long term cut off time.

During correction cycle a new matching process between the TSOs will be started every 15 minutes until COT. As a result of every matching process traders will be informed about confirmation and errors of Scheduled Exchanges by a CNF, ACK or ANO-reports.

If the nominations do not match at COT the nominations are modified in accordance with the following principles and in the following order:



1. In case of mismatch the values are modified to the lower of both values
2. If there are no more mismatches and the capacity rights are still exceeded the relevant nominations are curtailed pro rata. Value with decimals is rounded down to the next lower integer value.

Traders will be informed by intermediate / final CNF, ANO or ACK about the matched nominations. The type of used document depends on LMR. The final CNF or ACK confirming all trader's nominations is sent to each market participant only once. The latest time at which the final CNF or ACK can be sent to trader is after the end of the process of the long term matching cycle at COT (D-2 18:15).

### 2.5.3 Daily Nomination

After the publication of daily auction results only nominations of short term rights can be sent or modified. During this period the ITR may send Scheduled Exchanges. According to local market rules and stage of the process the TSO may send

- Information that the Scheduled Exchanges were received
- Positive or negative Acknowledgement Document
- Anomaly Report

In case of errors the ITR should correct the nominations as soon as possible.

If the nomination gate is cancelled due to technical failures, the unused capacity is made available to the intraday market.

### 2.5.4 Correction Cycle Daily

During the correction cycle the ITRs may send corrected nominations. Only mismatched time series or time series with exceeded rights can be re-nominated at this stage of the process. Already matched time series must not be changed.

The correction cycle ends with the daily cut off time (COT).

During correction cycle a new matching process between the TSO will be started every 15 minutes until COT. As result of every matching process traders will be informed about confirmation and errors of nomination Scheduled Exchanges by a CNF, ACK or ANO-reports

If the nominations do not match at COT the nominations are modified in accordance with following principles and in following order:

1. In case of mismatch the values are modified to the lower of both values
2. If there are no more mismatches and a right is still exceeded the relevant nominations are curtailed pro rata. Value with decimals is modified to the next lower integer value.

Traders will be informed by intermediate / final CNF, ANO or ACK about the matched nominations. The type of used document depends on LMR. The final CNF or ACK confirming all trader's nominations is sent to each market participant only once. The latest time at which the final CNF or ACK can be sent to trader is after the end of the process of the daily matching cycle at COT (D-1 15:45, for Polish borders: D-1 14:30).



### 2.5.5 Curtailment of nominations

In cases when respective TSOs perform curtailment of concerned nominations relevant ITRs will be informed immediately.

Curtailment process:

- respective TSOs calculate curtailed nominations and round curtailed values down to nearest integer
- extraordinary matching of curtailed nominations is performed
- updated Confirmations Reports are sent to BRPs/ITRs

Curtailed nominations = matched nominations \* reduction factor

Reduction factor is specified separately for each direction for each hour of the respective day when the curtailment is applied.

The reduction factor is the percentage of Already Allocated Capacity (AAC) remaining after a reduction is applied, e.g. if capacity is reduced by 40%, reduction factor = 0,6.

In case of Curtailment after the LT nomination GCT, relevant TSOs apply the reduction factor to all already matched LT nominations. Curtailment is performed simultaneously by all involved TSOs.

In case of curtailment after daily nomination deadline relevant TSOs apply the same reduction factor to all LT and Daily nominations. Curtailment is performed simultaneously by all involved TSOs.