

Preparation procedure of a Final Daily Schedule

TSO prepares the final daily schedule for the overall electricity generation, internal and cross-border transactions through the power transmission system, based on physical schedules submitted by the electricity market participants, approved by the electricity transmission system operator. The Final Daily Schedule is prepared in the Division for Operational Planning, the Division for electrical transmission system, in the Electrical Transmission System Operator (TSO). The preparation of the Final Daily Schedule is done using a specialized scheduling system ESS (ENTSO Scheduling System) which is part of MMS (Market Management System) and is in function 24/7, and it is made based on technical specifications defined by ENTSO-E.

For the preparation of the Final Daily Schedule, each BRP (Balanced Responsible Party) is obliged to send:

- Daily Schedule for internal and cross-border TPS transactions
- Daily Consumption Schedule within its Balance Group CPS
- Daily Production Schedule within its Balance Group PPS

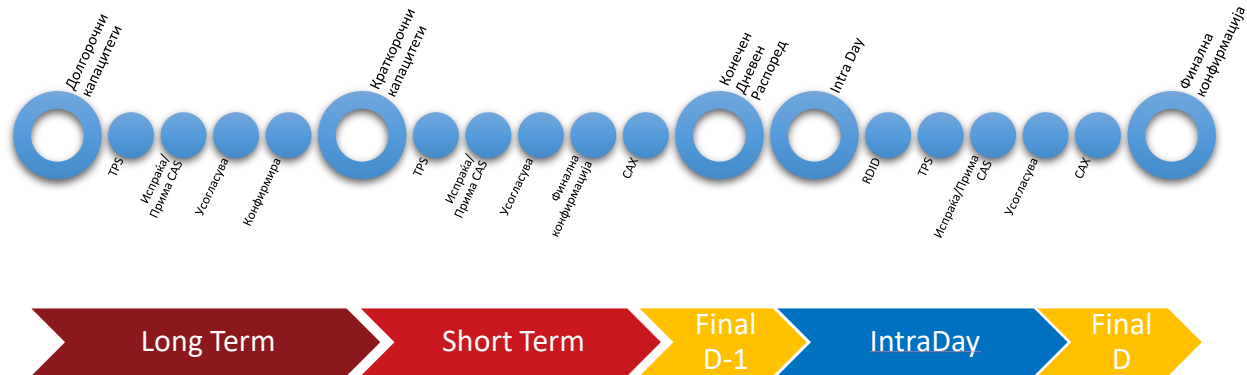
BRP reports its daily schedule by sending the appropriate document (TPS, CPS and / or PPS) in .xml and .xls format by email to market_office@mepso.com.mk (for documents in .xml format) and schedule@mepso.com.mk (for documents in .xls format).

The BRP should send a balanced daily schedule to be accepted as a final daily schedule by the TSO.

The application of the daily schedule for the consumption plan (CPS) and the daily schedule for the generation plan (PPS), is done no later than 14:29:59 on the day D-1, for the day D. BRP, which has consumption and generation in its Balance Group, should take into account the consumption and generation in its Balance Group when sending a balanced daily schedule.

BRP has the right to make adjustments to the already sent daily schedules by submitting a new higher version to the system.

The picture shows the Daily Scheduling Process:



❖ The Daily Scheduling Process takes place in the following stages:

➤ **D-2 (Long Term)**

- 14:00 The documents for long-term capacities arrive in the system.
- 16:00 begins the process of submitting schedules with long-term nominations, annual and monthly capacity nomination

➤ **D-1 (Long Term/Short Term)**

- The process of submitting schedules with Long-term nominations lasts until 7:59,
- 08:00 - 08:30 correction cycle: the differences in nominations are aligned with delivery of changed schedule
- 08:30 - final confirmation of the Long-term nominations with the neighboring SOs with the exchange of CAS
- 09:00 - 09:45 daily auctions (SEE CAO / EMS / ESO)
- SEE CAO / EMS / ESO deliver daily capacities to the ESS system until 10:30
- 10:30 - 13:59 (border with Greece) / 14:29 (border with Bulgaria and Serbia) delivery of final balanced schedules with internal and cross-border transactions

- 14:00 (border with Greece) / 14:30 (border with Bulgaria and Serbia) sending and harmonizing CAS documents from / with neighboring SO
 - 14:30 - 15:30 correction cycle: differences in nominations are aligned with delivery of changed daily schedule
 - 15:45 Preparation of the Final Daily Schedule (Возен Ред), sending harmonized documents (SAS, SAX) to the Verification Platform and the Transparency Platform
- **D (Intra Day)**
- 18:00 on day D-1 to 23:00 on day D, submission of schedules with Intra Day nominations
 - sending and harmonizing CAS documents from / with the neighboring SO
 - preparation of a New Final Daily Schedule (Возен Ред), sending of harmonized documents (SAS, SAX) to the Verification Platform and the Transparency Platform

The application for a daily schedule during the day (Intraday), so far it is taking place only at the border with Serbia, starts at 18:00 on the day D-1 for the day D. The announcement of the correction of the daily schedule during the day (Intraday) can be done up to 120 minutes before the start of the hour for which the change is made.

If BRP on day D-1 for day D, sends an unbalanced daily schedule and remains in that position and after the completion of the Intraday process for day D, it bears the financial compensation calculated according to Article 88 of the EES Balancing Rules.

The procedure for preparing the Final Daily Schedule is in accordance with Chapter 5 – SUBMISSION OF PHYSICAL SCHEDULES of the EES Balancing Rules.

System Application with which the Daily Scheduling Process is performed

The system receives and sends data in xml and csv format, as follows:

- Receives data from our Long-term Capacity Allocation platform
- Receives data from external Allocation Operators for long-term and short-term capacities

- Receives data from external allocation operators for long-term and short-term capacities
- Receives / sends confirmations for received / harmonized BRP and SO data
- Receives / sends CAS files from / to neighboring SO during the harmonization process
- Receives data from external Allocation Operators for the Intra Day process

The final daily schedules by border and direction are sent to the Verification Platform.

