



DECISION 5¹

“HTS Operator information management in HEnEx's Markets”

HELLENIC ENERGY EXCHANGE S.A.

Having taken into consideration the provisions of the subsections 4.2.2.1 and 5.7.2 of the Day-Ahead and Intra-Day Market Trading Rulebook (hereinafter referred to as the "Rulebook"), as in force:

DECIDES AS FOLLOWS

Article 1. Objective - Scope – Definitions

1. This Decision defines the management of information submitted by the HTS Operator to HEnEx and sets out:
 - a) the procedure for transforming the quantities and information sent by the HTS Operator to HEnEx, in case they are sent at a time other than the Market Time Unit of the Day-Ahead and Intra-Day Market.
 - b) the definition of the maximum energy quantity for which Day-Ahead Market Orders can be submitted for imports and exports in all non-coupled Interconnections, in case that for technical reasons the HTSO hasn't submitted to HEnEx the results of the daily auction for the allocation of Physical Transmission Rights to non-coupled Interconnections, until the deadline
2. The terms of this Decision have the same meaning as those given in L. 4425/2016, L. 4001/2011 or other relevant national or union legislation, the Day-Ahead and Intra-Day Market Trading Rulebook (hereinafter the "Rulebook"), the EnexClear Clearing Rulebook for Transactions on Day-Ahead & Intraday Markets (hereinafter referred to as the "Clearing Rulebook") including any other decisions adopted for their implementation.

¹ Unofficial translation from the Greek language (Ref. HEnEx: 132/30.01.2023), as of 30/01/2023. In case of any discrepancy between the Greek and the English version, the Greek version prevails

Article 2. HTS Operator & HEnEx Data Management Interfaces

1. To carry out the validation checks of Buy and Sell Orders in the Day-Ahead Market and the Auctions of Intra-Day Market, the HTS Operator is required to send information to HEnEx. The information transmitted is described in sections 4.2.2.1 and 5.7.2 of the Rulebook.
2. More specifically, for validation checks of Buy and Sell Orders in the Day-Ahead Market, the HTS Operator sends to HEnEx the following:
 - a) The confirmed nominated Long-Term Physical Transmission Rights (LT-PTRs) of the Participants per Interconnection and per direction;
 - b) The results of the daily auction for the allocation of Physical Transmission Rights per Interconnection and per direction to non-coupled interconnections;
 - c) The modifications in the Availability of every Generation Unit, and every Dispatchable RES Portfolio, as submitted within the frame of the Balancing Market Rulebook, taking into account the accepted Total or Partial Non-Availability Declarations of the Participant.
3. For validation checks of Buy and Sell Orders in the Intra-Day Market, the HTS Operator sends to HEnEx the following:
 - a) The results of the Intra-Day Auctions of Physical Transmission Rights per Interconnection and per direction to the non-coupled Interconnections;
 - b) The modifications in the Availability of every Generation Unit, and every Dispatchable RES Portfolio, as submitted within the frame of the Balancing Market Rulebook, taking into account the accepted Total or Partial Non-Availability Declarations of the Participant.
 - c) The Technical Minimum, as well as the Technical Minimum and Technical Maximum under Automatic Generation Control of the Balancing Services Parties;
 - d) The binding integration program of Balancing Service Entities in every ISP execution.
 - e) The awarded upward and downward:
 - i. Frequency Containment Reserve (FCR)
 - ii. Automatic Frequency Restoration Reserve (aFCR)
 - iii. Manual Frequency Restoration Reserve (mFCR)of the Balancing Services Parties on each ISP execution.
4. In accordance with sub-section 4.1.3 of the Regulation, the Market Time Unit of the Day-Ahead Market equals to one (1) hour. Respectively, pursuant to subsection 5.3 of the Rulebook, the Market Time Unit in Local and Complementary Regional Intra-Day Auctions equals to one (1) hour. Furthermore, subject to Articles 3 and 35 of the Balancing Market Rulebook², the Dispatch Day in which the ISP refers to, coincides with the Delivery Day of the Day-Ahead and Intra-Day Market and consists of individual Dispatch Periods. Every Dispatch Period has a time period equal to thirty (30) minutes. The above indicates the need

² "Approval of the Balancing Market Rulebook, subject to articles 17 and 18 of L.4425/2016 (GG A' 185), as applying", GG B' 5910/31.12.2018

to introduce a procedure for transforming the quantities and information sent by the HTS Operator to HEnEx.

Article 3. Methodology for transforming the quantities and information of the HTS Operator in a Market Time Unit of the HEnEx's Markets

3.1 Day-Ahead Market quantities and information

The **Availability** of a Generation Unit or of a Dispatchable RES Portfolio for a Market Time Unit equals to the **minimum** of the corresponding values of the two Dispatch Periods included in the specific Market Time Unit.

3.2 Intra-Day quantities and information

1. The **Availability** of a Generation Unit or of a Dispatchable RES Portfolio for a Market Time Unit equals to the **minimum** of the corresponding values of the two Dispatch Periods included in the specific Market Time Unit.
2. In case a Generation Unit (or a RES Dispatchable Unit Portfolio) for a specific Market Time Unit, which is included in the one Distribution Period and not included in the other Distribution Period, it is assumed that the Generation Unit (or the RES Dispatchable Unit Portfolio) **is included** for the entire Market Time Unit. Therefore, the corresponding validation checks of Buy and Sell Orders described in Section 5.9 of the Rulebook are performed.
3. The **Technical Minimum** of a Generation Unit or a RES Dispatchable Unit Portfolio for a Market Time Unit is equal to the **maximum** of the corresponding values of the two Dispatch Periods included in the specific Market Time Unit.
4. The **Technical Maximum under Automatic Generation Control** of a Generation Unit or a RES Dispatchable Unit Portfolio for a Market Time Unit is equal to the **minimum** of the corresponding values of the two Dispatch Periods included in the specific Market Time Unit.
5. The **Technical Minimum under Automatic Generation Control** of a Generation Unit or a RES Dispatchable Unit Portfolio for a Market Time Unit is equal to the **maximum** of the corresponding values of the two Dispatch Periods included in the specific Market Time Unit.
6. In case for a specific Market Time Unit, a **Reserve** has been awarded to a Generating Unit or a RES Dispatchable Unit Portfolio for the one Dispatch Period and a same type Reserve with different quantity has been awarded for the next Dispatch Period, then it is assumed that the awarded Reserve of the Generating Unit or the RES Dispatchable Unit Portfolio for the entire Market Time Unit is equal to the **maximum** of the corresponding quantities of the two Dispatch Periods included in that specific Market Time Unit.

Article 4. Maximum energy quantity for which Day-Ahead Market Orders can be submitted for imports and exports in non-coupled Interconnections

1. Until the successful submission by the HTSO to HEnEx of the daily auction results for the allocation of Physical Transmission Rights to non-coupled Interconnections, as per subsection **Error! Reference source not found.** of the Rulebook, HEnEx shall calculate the maximum energy quantity for which Day-Ahead Market Orders can be submitted for imports and exports in all non-coupled Interconnections, as follows:

$$Margin_{p,j,h} = 9.999, \forall p, j, h$$

where:

- p : index of Participant
- j : index of non-coupled Interconnection
- h : index of Market Time Unit
- $DailyPTR_{p,j,h}$: Daily PTRs acquired by Participant p for Interconnection j for Market Time Unit h , in MW.

2. Upon the successful submission by the HTSO of the daily auction results for the allocation of Physical Transmission Rights to non-coupled Interconnections, the provisions of sub-section 4.2.2.1 of the Rulebook are followed.
3. The provisions of paragraphs 1 and 2 of this article are applied, also in case that the Day Ahead Market is set in Fallback Operation due to Partial or Full Decoupling, for the respective interconnectors for which Shadow Auctions are executed.

Article 5. Enforcement

This Decision shall apply from 31/01/2023.

This decision is to be posted immediately on HEnEx website www.enexgroup.gr.