

DECISION OF THE ENERGY BRANCH OF RAEWW UNDER NO. E-61/2024

Amendment of the Methodology on the application of acceptance rules for Sell and Buy Orders, with same price in the Day-Ahead and Intra-Day Markets subject to the provisions of sub-sections 4.1.3.2, 4.3.3, and 5.10.3 of the Day-Ahead and Intra-Day Markets Trading Rulebook, and article 18 par. 4 of L. 4425/2016, as applying

The Regulatory Authority for Energy, Waste and Water

During its ordinary meeting, at its headquarters, **on the 14th of March 2024**, and

Taking into account:

1. The stipulations of L. 4001/2011 «*For the operation of Electricity and Gas Energy Markets, for Research, Production and Hydrocarbon transmission networks and other regulations*» (A' 179/), and in particular articles 48D and 117_A– 117_E of this law.
2. Chapter C' of L. 4425/2016 "*Stipulations coming under the competency of the Ministry for the Environment and Energy, Ministries of Finance, Infrastructure, Transport and Networks and the Ministry of Labor, Social Security and Social Solidarity, on the application of the agreement on fiscal targets and structural reforms and other stipulations*" (A'185/), as applying and in particular articles 10, 17 and 18 of this law.
3. The L. 5037/2023 «*Renaming the Regulatory Authority for Energy to the Regulatory Authority for Energy, Waste and Water and expanding its scope with responsibilities over water services and urban waste management, strengthening water policy - Modernisation of the legislation on the use and production of electricity from renewable sources through the incorporation of EU Directives 2018/2001 and 2019/944 - More specific provisions for renewable energy sources and environmental protection*» (A' 78), and in particular articles 1-23 of this law.
4. The article 121 of L. 5043/2023 «*Regulations relating to Local Authorities – regulations concerning special electoral spaces for disabled persons and the right to vote – provisions for the welfare of companion animals – provisions for the human resources of the public sector – other provisions of the Ministry of Interior, and other urgent provisions*» (A' 91)..
5. The Day-Ahead and Intra-Day Trading Rulebook, (decision of RAE under the No. 1116/2018, B' 5914), as applying following its modification by the RAE decisions under the No. 820/2020 (B' 1941, codified version), 1228/2020 (B' 4124, codified version), 610/2021 (B' 3857, codified version) 775/2021 (B' 4982), 987/2021 (B' 6485), 693/2022 (B' 4960, codified version), 909/2022 (B' 6931) and 163/2023 (B' 1313) and the decision of the Energy Department of RAEWW E-36/2024 (B' 1384), and in particular the subsections 4.1.3.2, 4.3.3. and 5.10 (henceforth «the Rulebook»).

6. The fact that under the L. 5037/2023 (A' 78), the Regulatory Authority for Energy is renamed Regulatory Authority to Energy, Waste and Water (RAEWW) and where the names «Regulatory Authority for Energy» or «RAE» are referenced, they have the meaning of RAEWW.
7. The Methodology for the application of the rules of Buy/Sell orders acceptance with the same price in the Day-Ahead & Intra-Day Market, in accordance to the provisions of subsections 4.1.3.2, 4.3.3, 5.4.3 and 5.10.3 of the Day-Ahead and Intra-Day Markets trading Rulebook and in accordance to par. 4 of Article 18 par. 4 of L. 4425/2016, as applying following its modification by the RAE decision 776/2021 (B' 100/17.01.2022).
8. The document RAEWW I-363243/06.12.2023 (HEnEx/1955/04/12.2023) of Hellenic Energy Exchange with subject «Proposal for the RAE Decision amendment regarding the forthcoming amendment of the Day-Ahead and Intra-day Markets trading Rulebook».
9. The public consultation of RAEWW on the proposal of HEnEx S.A. (relevant 8), which took place from 12.12.2023 to 08.01.2024 including the results derived from the consultation.
10. The fact that in accordance with the provisions of par. 1 of article 32 of L. 4001/2011, the regulatory acts issues by RAEWW are published in the Government Gazette.
11. The fact that the provisions hereof do not entail any change on the State Budget.

Has come to the following conclusions:

I. Legal framework - duties

Because, in accordance with the provisions of article 18 L. 4425/2016, as in force, it is provided, inter alia, that "[...]2. In Energy Exchange Rulebook [...] the terms and conditions for the operation of the Day-Ahead and Intra-Day Markets are defined[...]. The Rulebooks include transparent and non-discriminatory rules, which are based on objective criteria regarding the access of the Participants to the Electricity Markets. The Participants and any other person to whom the Regulations concern must comply with their obligations arising from them. [...]" as well as that "[...] 4. Methodologies, parameters and other special approvals provided by the Market Codes, are decided by RAEWW, following a suggestion of the Market Operators and are published in the Government Gazette. [...]"

Because, in accordance with paragraphs 10, 11 and 12 of the sub-section 4.1.3.2 "Priority Price-Taking Orders" of the Rulebook

"10. In case that the Market Clearing Price in a Bidding Zone for a given Market Time Unit of Delivery Day D is equal to the Minimum Orders Price for the Day-Ahead Market and at the same time no Hourly Hybrid Sell Order has been accepted by the algorithm solution at a price equal to the Minimum Orders Price of the Day-Ahead Market and without Priority, then curtailment of Priority Price-Taking Sell Orders shall take place.

11. In case that the Market Clearing Price in a Bidding Zone for a given Market Time Unit of Delivery Day D is equal to the Maximum Orders Price for the Day-Ahead Market and at the same time no Hourly Hybrid Buy Order has been accepted by the algorithm solution at a price equal to the Maximum Orders Price of the Day-Ahead Market and without Priority, then curtailment of Priority Price-Taking Buy Orders shall take place.

12. The procedure for the curtailment of Buy/Sell Orders in the cases of paragraphs (10) and (11) is executed according to a methodology defined by RAEWW decision upon recommendation of HEnEx."

Because, in paragraphs 9 and 10 of the sub-section 4.3.3 "Acceptance rules of Orders by the Day-Ahead Market Price Coupling Algorithm" of the Rulebook, the following are provided for:

“9. In the event that for a Market Time Unit more than one part of Hourly Hybrid Sell Orders has a value at the left end lower than or equal to the Market Clearing Price and at the right end higher than or equal to the Market Clearing Price, the acceptance of Orders is applied according to the methodology specified by a relevant RAEWW Decision, following a HEnEx proposal.

10. In the event that for a Market Time Unit more than one part of Hourly Hybrid Buy Orders has a value at the left end higher than or equal to the Market Clearing Price and at the right end lower than or equal to the Market Clearing Price, the acceptance of Orders is applied according to the methodology specified by a relevant RAEWW Decision, following a HEnEx proposal.”

Because, in accordance with paragraphs 3 and 4 of the sub-section 5.10.3 "Order acceptance rules in LIDAs and CRIDAs" of the Rulebook:

“3. In the event that for a Market Time Unit more than one part of Hourly Hybrid Sell Orders has a value at the left end lower than or equal to the Market Clearing Price and at the right end higher than or equal to the Market Clearing Price, the acceptance of Orders is applied according to the methodology specified by a relevant RAEWW Decision, following a HEnEx proposal.

4. In the event that for a Market Time Unit more than one part of Hourly Hybrid Buy Orders has a value at the left end higher than or equal to the Market Clearing Price and at the right end lower than or equal to the Market Clearing Price, the acceptance of Orders is applied according to the methodology specified by a relevant RAEWW Decision, following a HEnEx proposal.”

Because, the aforementioned Methodology for the application of the rules of acceptance of Buy/Sell orders with same price in Day-Ahead & Intra-Day Market, according to the provisions of subsections 4.1.3.2, 4.3.3, 5.4.3 and 5.10.3 of the Day-Ahead and Intra-Day Markets trading Rulebook was initially approved by the RAE decision 869/2020 (B' 2384) which was subsequently amended by decisions 1229/2020 (B' 4334) and 776/2021 (relevant 7).

Because, under the decision of the Energy Department of RAEWW E-36/2024 the Day-ahead & Intra-day Markets trading Rulebook was amended to include the participation of the demand response in the Day-ahead and Intra-day Markets. Consequently, HEnEx S.A., taking into account their relevant document 8, submitted a proposal for the amendment of the Methodology for the application of the rules of acceptance of Buy-Sell orders with same price taking into account the amendments of the Rulebook. Specifically, due to the aforementioned Rulebook amendment, which introduced a new category of Priority Price-Taking orders, namely Buy or Sell Priority Price-Taking orders which are submitted by the HTSO for the injection or offtake quantities of Dispatchable Load Portfolios in Commissioning or Testing Operation, it is proposed to include the provisions for curtailment/acceptance of these orders.

Because, RAEWW submitted for public consultation the proposal of HEnEx S.A. (relevant 9) and no comments were submitted.

Because, RAEWW, after taking into account the above, i.e. the already approved rules for the acceptance of Buy / Sell Orders with same price in the Day-Ahead Market and the Intra-Day Market according to the provisions of subsections 4.1.3.2, 4.3.3 and 5.10.3 of the Day-Ahead and Intra-Day Markets Trading Rulebook, the fact that due to the addition of the demand response to the Rulebook it is required to have additions on the methodology of application of the above rules regarding the Priority Price-Taking Buy and Sell orders submitted by HTSO for the injection or offtake quantities of Dispatchable Load Portfolios in Commissioning or Testing Operation ., , as well as because the results of the public consultation held between 12.12.2023 and 08.01.2024 (rel. 9), considered reasonable the above suggestion of HEnEx S.A. and made the legislative improvements it deemed necessary.

Decides:

Within the frame of its duties, subject to article 18, par. 4 of L. 4425/2016, and the sub-sections 4.1.3.2, 4.3.3, 5.4.3 and 5.10.3 of the Day-Ahead and Intra-Day Markets Trading Rulebook as applying, following the amendment of the decision of the Energy Department of RAEWW E-36/2024 , the amendment of the Methodology for the application of rules of acceptance of Buy/Sell Orders with the same price in Day-Ahead & Intra-Day Market, with the addition of rules for the Priority Price-Taking Sell or Buy orders which are submitted by the HTSO for the injection or offtake quantities of Dispatchable Load Portfolios in Commissioning or Testing Operation on sections A and B of this operative part, as follows:

- A. The curtailment of Priority Price-Taking Sell Orders in the Day-Ahead Market, it is applied per Market Time Unit, in the following sequence:
1. Sell Orders corresponding to the injection quantities of Dispatchable Load Portfolios in Commissioning or Testing Operation.
 2. Sell Orders corresponding to the production of scheduled production of Generating Units in Commissioning or Testing Operation and RES Units in Commissioning or Testing Operation.
 3. Sell Orders corresponding to trades that have been conducted within the Energy Derivatives Market, and have been nominated to ETSS through validated Physical Delivery Nomination, and to trades that have been concluded on Energy Financial Instruments bilaterally outside the Energy Derivatives Market and have been nominated to ETSS through validated Physical Delivery Nomination, with the exemption of Sell Orders corresponding to Imports using confirmed nominated Long-Term Physical Transmission Rights and Sell Orders corresponding to deviations of the forecasted Losses of the Transmission System.
 4. Sell Orders corresponding to Imports using confirmed nominated Long-Term Physical Transmission Rights.
 5. Sell Orders corresponding to the forecasted production of RES and CHP Units that are submitted by the Last Resort RES Aggregator.
 6. Sell Orders corresponding to the forecasted production of RES Units that are submitted by DAPEEP.

7. Sell Orders corresponding to the scheduled production of CHP Units that are submitted by DAPEEP for reasons related to the safety of the facilities that are supplied with thermal energy.
8. Sell Orders submitted by HEnEx S.A., with the procedure of Trading on Behalf, on behalf of each Producer and correspond to the forecasted production of Crete, throughout the Operation of the hybrid model of the Small Connected System of Crete.
9. Sell Orders submitted by the HTS Operator and which correspond to the correction of deviations of the Transmission System Losses in relation to the Sell Orders that have been created as a result of the participation of the HTS Operator in the Energy Derivatives Market or bilaterally outside the Energy Derivatives Market.
10. Sell Orders corresponding to Mandatory Hydro Injections of each Hydro Unit for water supply, irrigation and ecological supply.

As for the Priority Price-Taking Sell Orders that are curtailed subject to the above provisions, within the same category, the selection is made according to the Timestamp at the moment they were entered into the ETSS, meaning within the same category, while the first to be curtailed are the ones that have been the last to be entered in the ETSS. As for the Priority Price-Taking Orders that correspond to Orders that are created as a result of their participation in the Energy Derivatives Market or bilaterally, outside the Energy Derivatives Market, the Timestamps are received in accordance with the provisions of point D of this Decision".

- B. The curtailment of Priority Price-Taking Buy Orders in the Day-Ahead Market, it is applied per Market Time Unit, in the following sequence:
1. Buy Orders corresponding to the offtake quantities of Dispatchable Load Portfolios in Commissioning or Testing Operation.
 2. Buy Orders corresponding to trades that have been conducted within the Energy Derivatives Market, and have been nominated to ETSS through validated Physical Offtake Nomination, and to trades that have been concluded on Energy Financial Instruments bilaterally outside the Energy Derivatives Market and have been nominated to ETSS through validated Physical Offtake Nomination, with the exemption of Buy Orders corresponding to Exports using confirmed nominated Long-Term Physical Transmission Rights and Buy Orders corresponding to Losses of the Transmission System.
 3. Buy Orders corresponding to Exports using confirmed nominated Long-Term Physical Transmission Rights.
 4. Sell Orders corresponding to deviations of the forecasted production of RES and CHP Units that are submitted by the Last Resort RES Aggregator in association with the Sell Orders that have been created as a result of the participation of the Last Resort RES Aggregator in the Energy Derivatives Market or bilaterally, outside the Energy Derivatives Market.
 5. Sell Orders corresponding to deviations of the forecasted production of RES and CHP Units that are imported by DAPEEP in association with the Sell Orders that have been created as a result of the participation of DAPEEP in the Energy Derivatives Market or bilaterally, outside the Energy Derivatives Market.
 6. Sell Orders submitted by HEnEx S.A. on behalf of the Last Resort Supplier and are associated with the Sell Orders for a Supplier that has been deleted from the Participant Register and exclusively for the Delivery Day D following its deletion by HEnEx S.A.

7. Buy Orders submitted by HEnEx S.A., with the procedure of Trading on Behalf, on behalf of each Supplier operating in Crete and corresponding to the forecasted electric load of Crete, throughout the Operation of the hybrid model of the Small Connected System Of Crete.
8. Sell Orders submitted by the HTSO corresponding to Transmission System Losses, including those that correspond to transactions carried out within the Energy Derivatives Market, and have been declared to the ETSS through a validated Physical Offtake Nomination, and transactions that have been carried out on Energy Financial Instruments bilaterally, outside the Energy Derivatives Market and have been declared to the ETSS through a validated Physical Offtake Nomination.

As for the Priority Price-Taking Buy Orders that are curtailed subject to the above provisions, within the same category, the selection is made made according to the Timestamp at the moment they were entered into the ETSS, meaning within the same category, while the first to be curtailed are the ones that have been the last to be entered in the ETSS. As for the Priority Price-Taking Orders that correspond to Orders that are created as a result of their participation in the Energy Derivatives Market or bilaterally, outside the Energy Derivatives Market, the Timestamps are received in accordance with the provisions of point D of this Decision ".

- C. In case the Clearing Price of the Day-Ahead Market and/or Intra-Day Market is between the Minimum and the Maximum Order Price of the Day-Ahead Market and/or Intra-Day Market, the curtailment of the Buy (or Sell) Orders is made based on the Timestamp at the moment they were entered into the ETSS, meaning that the first to be curtailed are the ones that have been the last to be entered in the ETSS.
- D. The Timestamp of Priority Price-Taking Orders corresponding to Physical Delivery/Offtake Nominations, takes into account the time of submission of the respective accepted/final Physical Delivery or Offtake Schedule Report. In particular, upon completion of the submission process of the Physical Delivery and Offtake Schedules and the implementation of these validation checks, the Energy Trading Spot System (ETSS) of HEnEx creates the respective Sell/Buy Orders with Priority Price-Taking, taking into account the time sequence of the Timestamps regarding the submission of Physical Delivery/Offtake Nominations.

This Decision is notified to the company "Hellenic Energy Exchange S.A.", posted on the official website of RAEWW and published in the Government Gazette (GG).

Athens, 14 March 2024
The Vice President of the Energy
Branch of RAEWW

Dimitrios Fournalis