

# PRODUCTS LIST AND SPECIFICATIONS

HUPX INTRADAY MARKET

## **ANNEX III.B**

#### OF

#### **HUPX MARKET RULES**

Version 5.0

### **Effective from 29/11/2022**

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#### HUPX IDM PRODUCTS LIST AND SPECIFICATIONS

| PRODUCTS ON HUPX INTRADAY MARKET  |   |
|---|---|
| General Information   |   |
| Description   | Short term physical Product of electricity power, delivered at the Hungarian Electricity Transmission System operated by TSO.   |
| Basic quality of the underlying product   | Electrical power transiting over the Hungarian Transmission System managed by Hungarian TSO, which defines the voltage, frequency, cosine $\varphi$ (displacement factor) and cut-off frequencies, in compliance with the regulations of the Grid Code of the Hungarian Electricity System. |
| Physical Delivery   | Delivery at any injection or withdrawal point on the Hungarian Transmission System.   |
| Delivery procedure<br>(Nomination)  | Nomination by the Clearing House (on behalf of HUPX) and by the<br>Balance Group Responsible of the HUPX Member to the TSO on the<br>basis of the regulations of the TSO Commercial Code.   |
| Clearing and Settlement   | Trade information transmitted by HUPX to the Central Counterparty,<br>ECC AG for Settlement and Delivery of the Contracts   |
| Trading procedure   | Continuous  |
| Trading days  | Year-round  |
| Gate Opening Time<br>(GOT)  | At 3:00 pm, one day before the Delivery Day   |
| Gate Closure Time (GCT)   | 15 minutes before delivery period starts  |
| Lot size (quantity<br>characteristic during<br>Order submission,<br>minimum quantity) | 0.1 MW  |
| Maximum quantity  | 999 MW  |
| Minimum and maximum prices  | -9999.00 €/MWh / 9999.00 €/MWh  |
| Tick size (price<br>characteristic during<br>Order submission)                        | One euro cent per MWh, 0.01 €/MWh   |
| Negative Prices   | Negative prices are authorized where specified below (see minimum and maximum prices).  |
|   | When a contract is traded with a negative price, it is legally regarded<br>as a supply of service (removal service) by the recipient of power to<br>the delivering party and not anymore as a supply of goods by the<br>party delivering the power.   |



| HUPX INTRADAY MARKET -   | LOCAL QUATERLY PRODUCT   |
|--|--|
| Contract specifications  |  |
| Product name   | Quarter_Hour_Power_Local   |
| Contract long name   | YYYYMMDD HH:MM-YYYYMMDD HH:MM  |
|  | indicates the exact delivery start and delivery end  |
| Contract short name  | Q <i>HH:MM-HH:MM_</i> Local  |
|  | indicates the hours and minutes when delivery starts and ends on a respective day  |
|  | visible in the trading system  |
|  | Local  |
| Availability   | Trading is only available in decoupling period. When the cross border coupling operates and cross border products are tradable these contracts are inactive. |
| Cross border allocation  | -  |
| Listing Day  | 11 December, 2020 (first Delivery Day)   |
| Delivery unit  | 15 minutes   |
|  | Delivery starts with the first minute of the delivery day and subsequently in every 15 minutes: HH:00; HH:15; HH:30; HH:45                                   |
|  | For example:   |
| Delivery period  | 00:00-00:15  |
|  | 00:15-00:30  |
|  | 00:30-00:45  |
|  | 00:45-01:00  |
| OTC registration available   | no   |
| Trade recall available   | yes, within 15 minutes via trading system "recall" button, counterparty approval is needed   |
| block orders enabled<br>(minimum of two subsequent<br>delivery period) | no   |
| over-midnight blocks<br>enabled  | no   |
| linked orders enabled (for basket submission)                          | yes  |
| iceberg order enabled  | yes  |
| minimum peak size (of<br>iceberg orders)                               | 5.0 MW   |
| peak price delta   | 5.00 €/MWh   |
| (maximum price delta of different peak sizes)                          |  |
| execution restriction  | partial execution  |



| HUPX INTRADAY MARKET - X   | HUPX INTRADAY MARKET - XBID QUARTERLY PRODUCT  |  |
|--|--|--|
| Contract specifications  |  |  |
| Product name   | XBID_Quarter_Hour_Power  |  |
| Contract long name   | YYYYMMDD HH:MM-YYYYMMDD HH:MM  |  |
|  | indicates the exact delivery start and delivery end  |  |
| Contract short name  | Q <i>HH:MM-HH:MM_</i> XB   |  |
|  | indicates the hours and minutes when delivery starts and ends on a respective day, visible in the trading system           |  |
| Availability   | Central XBID (remote)  |  |
| Cross-border allocation  | On Austrian-Hungarian, Romanian-Hungarian, Slovak-Hungarian and Slovenian-Hungarian borders                                |  |
| Cross-border allocation starts   | Around 22:00 pm, one day before the Delivery Day   |  |
| Cross-border allocation closes   | 60 minutes before delivery period starts   |  |
| Listing Day  | 11 December, 2020 (first Delivery Day)   |  |
| Delivery unit  | 15 minutes   |  |
|  | Delivery starts with the first minute of the delivery day and subsequently in every 15 minutes: HH:00; HH:15; HH:30; HH:45 |  |
|  | For example:   |  |
| Delivery period  | 00:00-00:15  |  |
|  | 00:15-00:30  |  |
|  | 00:30-00:45  |  |
|  | 00:45-01:00  |  |
| OTC registration available   | no   |  |
| Trade recall available   | no   |  |
| block orders enabled<br>(minimum of two subsequent<br>delivery period) | no   |  |
| over-midnight blocks enabled   | no   |  |
| linked orders enabled (for basket submission)                          | yes  |  |
| iceberg order enabled  | yes  |  |
| minimum peak size (iceberg<br>orders)                                  | 5.0 MW   |  |
| peak price delta   | 5.00 €/MWh   |  |
| (maximum price delta of different peak sizes)                          |  |  |
| execution restriction  | partial execution  |  |



| HUPX INTRADAY MARKET -   | LOCAL HOURLY PRODUCT   |
|--|--|
| Contract specifications  |  |
| Product name   | Hour_Power_Local   |
| Contract long name   | YYYYMMDD HH:MM-YYYYMMDD HH:MM  |
|  | indicates the exact delivery start and delivery end  |
| Contract short name  | HH:MM-HH:MM_Local  |
|  | indicates the hours and minutes when delivery starts and ends on a respective day  |
|  | visible in the trading system  |
|  | Local  |
| Availability   | Trading is only available in decoupling period. When the cross border coupling operates and cross border products are tradable these contracts are inactive.       |
| Cross-border allocation  | -  |
| Listing Day  | 20 November, 2019 (first Delivery Day)   |
| Delivery unit  | 60 minutes   |
| Delivery period  | Delivery starts with the first minute of the delivery day and<br>subsequently in every 60 minutes: H1:00; H2:00; H3:00; etc.<br><i>For example:</i><br>00:00-01:00 |
| 070  | 01:00-02:00  |
| OTC registration available   | no   |
| Trade recall available   | yes, within 15 minutes via trading system "recall" button, counterparty approval is needed   |
| block orders enabled<br>(minimum of two subsequent<br>delivery period) | yes  |
| over-midnight blocks<br>enabled  | no   |
| linked orders enabled (for basket submission)                          | yes  |
| iceberg order enabled  | yes  |
| minimum peak size (of<br>iceberg orders)                               | 5.0 MW   |
| peak price delta   | 5.00 €/MWh   |
| (maximum price delta of<br>different peak sizes)                       |  |
| execution restriction  | single contracts: partial execution<br>blocks: all or none   |



| HUPX INTRADAY MARKET - XBID HOURLY PRODUCT                             |  |
|--|--|
| Contract specifications  |  |
| Product name   | XBID_Hour_Power  |
| Contract long name   | YYYYMMDD HH:MM-YYYYMMDD HH:MM  |
|  | indicates the exact delivery start and delivery end  |
| Contract short name  | HH:MM-HH:MM_XB   |
|  | indicates the hours and minutes when delivery starts and ends on a respective day, visible in the trading system         |
| Availability   | Central XBID (remote)  |
| Cross-border allocation  | On Croatian-Hungarian, Austrian-Hungarian, Romanian-Hungarian, Slovak-Hungarian and Slovenian-Hungarian borders          |
| Cross-border allocation starts   | Around 22:00 pm, one day before the Delivery Day   |
| Cross-border allocation closes   | 60 minutes before delivery period starts   |
| Listing Day  | 20 November, 2019 (first Delivery Day)   |
| Delivery unit  | 60 minutes   |
|  | Delivery starts with the first minute of the delivery day and subsequently in every 60 minutes: H1:00; H2:00; H3:00; etc |
| Delivery period  | For example:   |
|  | 00:00-01:00  |
|  | 01:00-02:00  |
| OTC registration available   | no   |
| Trade recall available   | no   |
| block orders enabled<br>(minimum of two subsequent<br>delivery period) | yes  |
| over-midnight blocks enabled   | yes  |
| linked orders enabled (for<br>basket submission)                       | yes  |
| iceberg order enabled  | yes  |
| minimum peak size (iceberg orders)                                     | 5.0 MW   |
| peak price delta   | 5.00 €/MWh   |
| (maximum price delta of different peak sizes)                          |  |
| execution restriction  | single contracts: partial execution<br>blocks: all or none   |



| HUPX INTRADAY MARKET - LOCAL OTC HOURLY PRODUCT                        |  |
|--|--|
| Contract specifications  |  |
| Product name   | Hour_Power_Local_OTC   |
| Contract long name   | OTC-YYYYMMDD HH:MM-YYYYMMDD HH:MM  |
|  | indicates the exact delivery start and delivery end  |
| Contract short name  | HH:MM-HH:MM_OTC  |
|  | indicates the hours and minutes when delivery starts and ends on a respective day, visible in the trading system         |
| Availability   | Local, no trading on the screen  |
| Cross-border allocation  | -  |
| Listing Day  | 20 November, 2019 (first Delivery Day)   |
| Delivery unit  | 60 minutes   |
|  | Delivery starts with the first minute of the delivery day and subsequently in every 60 minutes: H1:00; H2:00; H3:00; etc |
| Delivery period  | For example:   |
|  | 00:00-01:00  |
|  | 01:00-02:00  |
| OTC registration available   | yes, only OTC registration available   |
| Trade recall available   | no   |
| block orders enabled<br>(minimum of two subsequent<br>delivery period) | no   |
| over-midnight blocks<br>enabled  | -  |
| linked orders enabled (for basket submission)                          | -  |
| iceberg order enabled  | -  |
| minimum peak size (iceberg orders)                                     | -  |
| peak price delta   | -  |
| (maximum price delta of different peak sizes)                          |  |
| execution restriction  | OTC registration can be only fully accepted, partial execution is not feasible   |



| HUPX INTRADAY MARKET -   | HUPX INTRADAY MARKET - LOCAL OTC USER-DEFINED BLOCK PRODUCT  |  |
|--|--|--|
| Contract specifications  |  |  |
| Product name   | Hour_Power_Local_OTC_UD  |  |
| Contract long name   | OTC-YYYYMMDD HH:MM-YYYYMMDD HH:MM  |  |
|  | indicates the exact delivery start and delivery end  |  |
| Contract short name  | HH:MM-HH:MM_OTC  |  |
|  | indicates the hours and minutes when delivery starts and ends on a respective day  |  |
|  | visible in the trading system  |  |
| Availability   | Local, no trading on the screen  |  |
| Cross-border allocation  | -  |  |
| Listing Day  | 20 November, 2019 (first Delivery Day)   |  |
| Delivery unit  | 60 minutes   |  |
|  | Delivery starts with the first minute of the delivery day and subsequently in every 60 minutes: H1:00; H2:00; H3:00; etc |  |
| Delivery period  | For example:   |  |
|  | 00:00-01:00  |  |
|  | 01:00-02:00  |  |
| OTC registration available   | yes, only OTC registration available   |  |
| Trade recall available   | no   |  |
| block orders enabled<br>(minimum of two subsequent<br>delivery period) | yes, only blocks available with the minimum size of two subsequent delivery period                                       |  |
| over-midnight blocks<br>enabled  | no   |  |
| linked orders enabled (for basket submission)                          | -  |  |
| iceberg order enabled  | _  |  |
| minimum peak size (iceberg orders)                                     | -  |  |
| peak price delta   | -  |  |
| (maximum price delta of different peak sizes)                          |  |  |
| execution restriction  | OTC registration can be only fully accepted, partial execution is not feasible   |  |