

ADDITIONAL INSTRUCTIONS (unofficial consolidated text)

Transition to a 15-minute accounting interval (imbalance settlement period)

WARNING: the unofficial consolidated text of the regulation shall only represent an informative working aid and, in this regard, the company, Borzen, operater trga z elektriko, d. o. o., shall not be liable for any damage or otherwise.

Borzen, d.o.o. has prepared additional instructions relating to the transition from a 1-hour to a 15-minute accounting interval (imbalance settlement period). Additional instructions relate to the recording of closed contracts and operational forecasts, the calculation of the market plan for the purpose of the imbalance settlement and the calculation of quantities for the payment of recorded closed contracts.

These instructions have been prepared and published in accordance with the second paragraph of Article 61 of the Rules for the Operation of the Electricity Market (Official Gazette of the Republic of Slovenia, No. 74/18 and 62/19).

RECORDING OF CLOSED CONTRACTS AND OPERATIONAL FORECASTS

With the delivery date of 1 January 2021, the recording of closed contracts and operational forecasts will only be possible in a 15-minute resolution. This means that **96** accounting intervals must be recorded for an individual closed contract or operational forecast and in the case of the daylight saving time, 92 or 100 accounting intervals must be recorded. The values of the quantities recorded in closed contracts and operational forecasts **must be given in MW and rounded to three decimal places.**

CALCULATION OF THE MARKET PLAN FOR THE PURPOSE OF IMBALANCE SETTLEMENT

Market plan is a plan of an individual balance scheme member's position on the electricity market for each accounting interval and is the result of all closed contracts concluded by a balance scheme member and hierarchically inferior balance scheme members. The plan is made by the Market Operator based on the concluded closed contracts.

Since the recording of closed contracts takes place in **MW** and the imbalance settlement is performed in **MWh**, it is necessary to convert the market plan from **MW to MWh** for the purpose of the imbalance settlement calculation. The conversion of the **final market plan** units is performed at the level of an individual 15-minute accounting interval for an individual balance scheme member. The market plan of the entire balance group represents the sum of the rounded market plans of the balance scheme members that belong to a certain balance group.

For the purpose of imbalance settlement, the final value of the market plan in MWh in an individual 15-minute interval is taken into account, rounded to **three decimal places.**

Rounding rule:

- If the digit after the rounding point is 5, 6, 7, 8 or 9, the third digit to the right of the decimal point is rounded up by one number.
- If the digit after the rounding point is 0, 1, 2, 3 or 4, the third digit to the right of the decimal point does not change

Example of calculation of the market plan for the purpose of Imbalance Settlement (IS):

15-minute accounting interval					
Balance Scheme Member 1 (BSM1)	1	2	...	95	96
Market Plan in MW	130.854	130.854	130.854	130.854	130.854
Market Plan in MWh	32.71350	32.71350	32.71350	32.71350	32.71350
Market plan for the purpose of IS in MWh	32.714	32.714	32.714	32.714	32.714

15-minute accounting interval					
Balance Scheme Member 2 (BSM2)	1	2	...	95	96
Market Plan in MW	5.897	5.897	5.897	5.897	5.897
Market Plan in MWh	1.47425	1.47425	1.47425	1.47425	1.47425
Market plan for the purpose of IS in MWh	1.474	1.474	1.474	1.474	1.474

15-minute accounting interval					
Balance Group (BG)	1	2	...	95	96
Market Plan BSM1 in MW	32.714	32.714	32.714	32.714	32.714
Market Plan BSM2 in MWh	1.474	1.474	1.474	1.474	1.474
Market plan BG for the purpose of IS in MWh	34.188	34.188	34.188	34.188	34.188

PAYMENT FOR RECORDING OF CLOSED CONTRACTS

According to the to the second indent of the first paragraph of Article 98 of the Energy Act (Official Gazette of the Republic of Slovenia, No. 60/19 - official consolidated text and 65/20; hereinafter: the Energy Act), the balance scheme members are liable to pay for the registration of closed contracts when they appear on the supply side (i.e. a seller in a closed contract). Public utility service providers referred to in Articles 54, 78 and 97 of the Energy Act and the Energy Exchange are exempt from the payment. Payments by the balance scheme members depend on the volume of recorded closed contracts, excluding closed contracts for import of electricity and are calculated based on the recorded quantities in MWh.

The quantities for the calculation of recorded closed contracts are calculated as the sum of all values of all accounting intervals in MW. The final value calculated in **MW** is converted to **MWh**. The final value in **MWh**, rounded to **three decimal places**, is relevant for the calculation of quantities for the payment of the registration of closed contracts. Rounding to three decimal places is performed only on the total, final value in the accounting period (month), and not in each 15-minute interval separately, as in the market plan for the purpose of imbalance settlement.

USE OF ELECTRICITY PRICE INDEX FOR ACCOUNTING INTERVAL $SIPX_{obr_i}$

$SIPX_{obr_i}$ represents the electricity price index for the accounting interval on the Energy Exchange in the Republic of Slovenia and equals the marginal price calculated at the auction for the Slovenian electricity market. The index is calculated and published in an hourly resolution, so after the transition to a 15-minute accounting interval, the index will be used in a 15-minute resolution. Namely, it will be considered that the hourly accounting interval will be equal to all other four 15-minute accounting intervals of the same hour. The value of the $SIPX_{obr_i}$ index in the 1st hour interval will be equal to the values of the index in the 1st, 2nd, 3rd and 4th 15-minute interval, the value of the SIPX index in the 2nd hour interval will be equal to the values of the index in the 5th, 6th, 7th and 8th 15-minute interval, etc. According to the above rules, the use of the index shall be applied, mutatis mutandis, to the Rules for the Operation of the Electricity Market (Official Gazette of the Republic of Slovenia, No. 74/18 and 62/19) for the preparation of the imbalance settlement, in accordance with Article 90.