

Instructions for the automated download of imbalance values

It is possible to download imbalance data in an orderly form via a CSV file. The CSV file consists of five columns, separated by a comma:

- Time from [CET/CEST]
- Time to [CET/CEST]
- Imbalance (operational values) [MW]
- Imbalance (settlement values) [MW]
- mFRR for AT [MW]

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Time from [CET/CEST],Time to [CET/CEST],Imbalance (operational values) [MW],Imbalance (settlement values) [MW],mFRR for AT [MW]
2019-01-01 00:00:00,2019-01-01 00:15:00,40.000,15.788,0.000
2019-01-01 00:15:00,2019-01-01 00:30:00,-62.000,-85.232,0.000
2019-01-01 00:30:00,2019-01-01 00:45:00,-84.000,-106.412,0.000
2019-01-01 00:45:00,2019-01-01 01:00:00,-144.000,-163.468,0.000
2019-01-01 01:00:00,2019-01-01 01:15:00,-188.400,-207.836,0.000
2019-01-01 01:15:00,2019-01-01 01:30:00,-71.200,-89.992,0.000
2019-01-01 01:30:00,2019-01-01 01:45:00,-98.800,-120.188,0.000
2019-01-01 01:45:00,2019-01-01 02:00:00,-67.600,-90.036,0.000
2019-01-01 02:00:00,2019-01-01 02:15:00,-63.200,-85.020,0.000
2019-01-01 02:15:00,2019-01-01 02:30:00,-28.800,-49.876,0.000
2019-01-01 02:30:00,2019-01-01 02:45:00,-17.200,-34.688,0.000
2019-01-01 02:45:00,2019-01-01 03:00:00,12.000,-9.340,0.000
2019-01-01 03:00:00,2019-01-01 03:15:00,-74.800,-91.376,0.000
2019-01-01 03:15:00,2019-01-01 03:30:00,-32.000,-48.484,0.000
2019-01-01 03:30:00,2019-01-01 03:45:00,17.600,-2.712,0.000
2019-01-01 03:45:00,2019-01-01 04:00:00,22.000,5.288,0.000
2019-01-01 04:00:00,2019-01-01 04:15:00,54.000,36.436,0.000
2019-01-01 04:15:00,2019-01-01 04:30:00,38.000,21.108,0.000
2019-01-01 04:30:00,2019-01-01 04:45:00,46.000,23.460,0.000
2019-01-01 04:45:00,2019-01-01 05:00:00,53.200,36.624,0.000
2019-01-01 05:00:00,2019-01-01 05:15:00,129.200,102.264,0.000
2019-01-01 05:15:00,2019-01-01 05:30:00,116.000,96.120,0.000
2019-01-01 05:30:00,2019-01-01 05:45:00,122.000,95.428,0.000
2019-01-01 05:45:00,2019-01-01 06:00:00,142.800,120.936,0.000
2019-01-01 06:00:00,2019-01-01 06:15:00,106.400,78.596,0.000
2019-01-01 06:15:00,2019-01-01 06:30:00,97.600,75.156,0.000
2019-01-01 06:30:00,2019-01-01 06:45:00,107.600,82.812,0.000
2019-01-01 06:45:00,2019-01-01 07:00:00,165.600,139.016,0.000
2019-01-01 07:00:00,2019-01-01 07:15:00,285.200,261.012,0.000
2019-01-01 07:15:00,2019-01-01 07:30:00,244.000,214.028,0.000
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Instructions for the export

With the following URL the imbalance data can be downloaded:

https://transparency.apg.at/transparency-api/api/v1/Download/DRZ/English/M15/2019-01-01T000000/2019-01-02T000000/download.csv?p_drzMode=Export

In the URL the start time and the end time of the export are used. The format of these timestamps is defined as follows: YYYY-MM-DDTHHMMSS.

Furthermore, with the parameter M15 or M60 the resolution can be selected between 60 or 15 minutes.

As an example, the abovementioned link downloads the imbalance data from 01.01.2019 at 00:00 until the 02.01.2019 at 00:00 in a quarter-hourly resolution.

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