

Power System Operation Corporation Limited

National Load Despatch Centre

Applicable Transmission Loss

Revision No: 0

Date: 23.12.2022

It is to inform that Hon'ble CERC has notified CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020 on 04th May,2020; w.e.f. 1st November,2020. As per clause (10) of these regulations, transmission losses for ISTS shall be calculated on all India average basis for each week, from Monday to Sunday.

All India transmission loss would be based upon the average loss computed from the SEM data of previous week.

All India transmission loss for the period from 26-12-2022 to 01-01-2023 would be as follows:

| | |
|------------------------------------|------|
| All India transmission Loss (in %) | 4.19 |
|------------------------------------|------|

Illustration:

- Sum of injection into the ISTS at regional nodes for previous week = 12893.16 MU
- Sum of drawal into the ISTS at regional nodes for previous week = 12384 MU
- Sum of injection into the ISTS at regional nodes by projects covered under Clause (1) of Regulation 13 for previous week = 735.7 MU
- Then, average all-India transmission loss for ISTS shall be $[(12893.16-12384)/(12893.16-735.7)] \times 100 = 4.19 \%$
- All figures are rounded off up to 2 decimal places.

* All India Transmission Loss Data (block wise) calculated at NLDC is available in the Annexure1

ANNEXURE1**ALL INDIA TRANSMISSION LOSS COMPUTATIONAL DATA**

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 12-12-2022 00:00 | 13106.94 | 13799.82 | 571.51 | 692.88 | 5.24 |
| 12-12-2022 00:15 | 13140.63 | 13854.56 | 575.28 | 713.93 | 5.38 |
| 12-12-2022 00:30 | 13067.24 | 13770.74 | 582.56 | 703.50 | 5.33 |
| 12-12-2022 00:45 | 12975.71 | 13682.55 | 578.72 | 706.84 | 5.39 |
| 12-12-2022 01:00 | 12806.63 | 13485.09 | 566.06 | 678.46 | 5.25 |
| 12-12-2022 01:15 | 12754.17 | 13465.36 | 544.94 | 711.18 | 5.50 |
| 12-12-2022 01:30 | 12640.95 | 13322.17 | 519.55 | 681.22 | 5.32 |
| 12-12-2022 01:45 | 12662.54 | 13333.51 | 501.27 | 670.97 | 5.23 |
| 12-12-2022 02:00 | 12526.51 | 13192.94 | 503.40 | 666.43 | 5.25 |
| 12-12-2022 02:15 | 12590.54 | 13273.50 | 510.21 | 682.96 | 5.35 |
| 12-12-2022 02:30 | 12501.25 | 13174.14 | 512.87 | 672.89 | 5.31 |
| 12-12-2022 02:45 | 12444.37 | 13121.49 | 507.40 | 677.12 | 5.37 |
| 12-12-2022 03:00 | 12365.92 | 13058.40 | 485.63 | 692.48 | 5.51 |
| 12-12-2022 03:15 | 12460.04 | 13159.44 | 478.21 | 699.40 | 5.52 |
| 12-12-2022 03:30 | 12510.66 | 13229.09 | 482.44 | 718.42 | 5.64 |
| 12-12-2022 03:45 | 12594.67 | 13295.30 | 483.35 | 700.62 | 5.47 |
| 12-12-2022 04:00 | 12671.44 | 13380.57 | 483.71 | 709.13 | 5.50 |
| 12-12-2022 04:15 | 13110.65 | 13836.95 | 471.98 | 726.30 | 5.43 |
| 12-12-2022 04:30 | 13486.69 | 14194.87 | 456.50 | 708.18 | 5.15 |
| 12-12-2022 04:45 | 13716.12 | 14454.47 | 442.78 | 738.35 | 5.27 |
| 12-12-2022 05:00 | 14087.59 | 14834.87 | 430.48 | 747.28 | 5.19 |
| 12-12-2022 05:15 | 14681.32 | 15427.41 | 425.85 | 746.09 | 4.97 |
| 12-12-2022 05:30 | 15312.77 | 16081.24 | 412.33 | 768.47 | 4.90 |
| 12-12-2022 05:45 | 16102.37 | 16873.59 | 392.45 | 771.22 | 4.68 |
| 12-12-2022 06:00 | 16717.73 | 17513.12 | 374.41 | 795.39 | 4.64 |
| 12-12-2022 06:15 | 17622.09 | 18458.80 | 369.15 | 836.71 | 4.63 |
| 12-12-2022 06:30 | 18483.71 | 19323.24 | 367.66 | 839.53 | 4.43 |
| 12-12-2022 06:45 | 19280.33 | 20091.17 | 371.49 | 810.84 | 4.11 |
| 12-12-2022 07:00 | 20016.04 | 20827.63 | 388.10 | 811.59 | 3.97 |
| 12-12-2022 07:15 | 20471.98 | 21308.84 | 412.65 | 836.86 | 4.00 |
| 12-12-2022 07:30 | 20685.56 | 21495.04 | 465.20 | 809.48 | 3.85 |
| 12-12-2022 07:45 | 20623.59 | 21416.72 | 562.29 | 793.13 | 3.80 |
| 12-12-2022 08:00 | 20641.23 | 21419.01 | 732.80 | 777.78 | 3.76 |
| 12-12-2022 08:15 | 20724.79 | 21479.25 | 954.29 | 754.46 | 3.68 |
| 12-12-2022 08:30 | 20682.52 | 21427.00 | 1163.88 | 744.48 | 3.67 |
| 12-12-2022 08:45 | 20777.36 | 21533.70 | 1319.43 | 756.34 | 3.74 |
| 12-12-2022 09:00 | 20774.44 | 21513.21 | 1471.78 | 738.77 | 3.69 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 12-12-2022 09:15 | 20861.32 | 21583.89 | 1550.10 | 722.57 | 3.61 |
| 12-12-2022 09:30 | 20820.99 | 21562.07 | 1670.11 | 741.08 | 3.73 |
| 12-12-2022 09:45 | 20778.42 | 21524.45 | 1819.33 | 746.03 | 3.79 |
| 12-12-2022 10:00 | 20741.68 | 21515.50 | 1988.92 | 773.82 | 3.96 |
| 12-12-2022 10:15 | 20788.79 | 21547.12 | 2091.78 | 758.34 | 3.90 |
| 12-12-2022 10:30 | 20736.88 | 21520.82 | 2268.50 | 783.95 | 4.07 |
| 12-12-2022 10:45 | 20610.02 | 21370.32 | 2357.67 | 760.30 | 4.00 |
| 12-12-2022 11:00 | 20501.43 | 21279.02 | 2387.96 | 777.59 | 4.12 |
| 12-12-2022 11:15 | 20473.20 | 21242.65 | 2396.23 | 769.45 | 4.08 |
| 12-12-2022 11:30 | 20404.07 | 21178.10 | 2500.20 | 774.03 | 4.14 |
| 12-12-2022 11:45 | 20400.85 | 21187.81 | 2513.43 | 786.96 | 4.21 |
| 12-12-2022 12:00 | 20203.98 | 20927.90 | 2539.01 | 723.92 | 3.94 |
| 12-12-2022 12:15 | 20073.96 | 20835.02 | 2439.20 | 761.06 | 4.14 |
| 12-12-2022 12:30 | 19997.74 | 20759.13 | 2437.39 | 761.38 | 4.16 |
| 12-12-2022 12:45 | 19770.23 | 20562.11 | 2383.54 | 791.88 | 4.36 |
| 12-12-2022 13:00 | 19435.95 | 20198.76 | 2371.21 | 762.81 | 4.28 |
| 12-12-2022 13:15 | 19147.18 | 19916.83 | 2386.37 | 769.65 | 4.39 |
| 12-12-2022 13:30 | 19069.06 | 19821.42 | 2358.52 | 752.36 | 4.31 |
| 12-12-2022 13:45 | 18961.80 | 19716.34 | 2343.79 | 754.54 | 4.34 |
| 12-12-2022 14:00 | 18989.68 | 19745.58 | 2308.81 | 755.89 | 4.34 |
| 12-12-2022 14:15 | 19087.51 | 19839.15 | 2270.19 | 751.63 | 4.28 |
| 12-12-2022 14:30 | 19089.48 | 19846.39 | 2161.13 | 756.92 | 4.28 |
| 12-12-2022 14:45 | 19138.79 | 19870.87 | 2007.67 | 732.08 | 4.10 |
| 12-12-2022 15:00 | 19139.64 | 19894.14 | 1909.72 | 754.50 | 4.20 |
| 12-12-2022 15:15 | 19257.50 | 20005.17 | 1832.24 | 747.67 | 4.11 |
| 12-12-2022 15:30 | 19296.68 | 20032.69 | 1687.17 | 736.00 | 4.01 |
| 12-12-2022 15:45 | 19368.67 | 20103.01 | 1526.56 | 734.34 | 3.95 |
| 12-12-2022 16:00 | 19136.80 | 19883.57 | 1337.58 | 746.77 | 4.03 |
| 12-12-2022 16:15 | 19180.03 | 19937.54 | 1165.15 | 757.52 | 4.04 |
| 12-12-2022 16:30 | 19328.05 | 20094.98 | 972.97 | 766.93 | 4.01 |
| 12-12-2022 16:45 | 19559.11 | 20336.56 | 790.07 | 777.46 | 3.98 |
| 12-12-2022 17:00 | 19573.05 | 20345.74 | 626.24 | 772.69 | 3.92 |
| 12-12-2022 17:15 | 19827.05 | 20575.17 | 495.05 | 748.12 | 3.73 |
| 12-12-2022 17:30 | 20198.29 | 20966.57 | 424.24 | 768.28 | 3.74 |
| 12-12-2022 17:45 | 20618.96 | 21408.96 | 392.96 | 790.00 | 3.76 |
| 12-12-2022 18:00 | 20667.77 | 21439.75 | 406.02 | 771.99 | 3.67 |
| 12-12-2022 18:15 | 20903.67 | 21698.55 | 452.24 | 794.88 | 3.74 |
| 12-12-2022 18:30 | 20799.61 | 21571.02 | 490.57 | 771.41 | 3.66 |
| 12-12-2022 18:45 | 20550.50 | 21315.42 | 525.05 | 764.93 | 3.68 |
| 12-12-2022 19:00 | 20179.75 | 20924.64 | 553.97 | 744.89 | 3.66 |
| 12-12-2022 19:15 | 19559.31 | 20308.08 | 575.53 | 748.76 | 3.79 |
| 12-12-2022 19:30 | 19044.42 | 19769.91 | 589.20 | 725.48 | 3.78 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 12-12-2022 19:45 | 18567.78 | 19273.52 | 602.72 | 705.74 | 3.78 |
| 12-12-2022 20:00 | 18086.70 | 18821.34 | 628.73 | 734.64 | 4.04 |
| 12-12-2022 20:15 | 17786.54 | 18517.57 | 643.83 | 731.04 | 4.09 |
| 12-12-2022 20:30 | 17366.65 | 18111.51 | 653.75 | 744.86 | 4.27 |
| 12-12-2022 20:45 | 17008.93 | 17756.86 | 658.31 | 747.93 | 4.37 |
| 12-12-2022 21:00 | 16704.33 | 17447.96 | 656.13 | 743.62 | 4.43 |
| 12-12-2022 21:15 | 16553.35 | 17272.22 | 650.86 | 718.87 | 4.32 |
| 12-12-2022 21:30 | 16241.99 | 16984.08 | 647.17 | 742.09 | 4.54 |
| 12-12-2022 21:45 | 15911.20 | 16639.96 | 646.26 | 728.75 | 4.56 |
| 12-12-2022 22:00 | 15765.65 | 16470.56 | 640.58 | 704.90 | 4.45 |
| 12-12-2022 22:15 | 15769.97 | 16497.87 | 637.44 | 727.91 | 4.59 |
| 12-12-2022 22:30 | 15462.53 | 16178.40 | 631.60 | 715.87 | 4.60 |
| 12-12-2022 22:45 | 15117.47 | 15831.62 | 636.93 | 714.15 | 4.70 |
| 12-12-2022 23:00 | 14867.26 | 15566.13 | 644.00 | 698.87 | 4.68 |
| 12-12-2022 23:15 | 14693.33 | 15397.56 | 643.90 | 704.23 | 4.77 |
| 12-12-2022 23:30 | 14567.13 | 15268.19 | 639.66 | 701.07 | 4.79 |
| 12-12-2022 23:45 | 14440.92 | 15137.96 | 631.26 | 697.04 | 4.80 |
| 13-12-2022 00:00 | 14189.94 | 14913.35 | 627.32 | 723.42 | 5.06 |
| 13-12-2022 00:15 | 14124.41 | 14778.07 | 624.32 | 653.67 | 4.62 |
| 13-12-2022 00:30 | 13879.36 | 14571.25 | 620.09 | 691.88 | 4.96 |
| 13-12-2022 00:45 | 13708.15 | 14391.18 | 609.51 | 683.03 | 4.96 |
| 13-12-2022 01:00 | 13449.58 | 14120.89 | 598.06 | 671.32 | 4.96 |
| 13-12-2022 01:15 | 13377.17 | 14056.75 | 589.86 | 679.58 | 5.05 |
| 13-12-2022 01:30 | 13395.36 | 14077.49 | 580.05 | 682.14 | 5.05 |
| 13-12-2022 01:45 | 13363.61 | 14072.59 | 570.05 | 708.98 | 5.25 |
| 13-12-2022 02:00 | 13289.93 | 13964.53 | 561.60 | 674.60 | 5.03 |
| 13-12-2022 02:15 | 13098.53 | 13771.71 | 552.16 | 673.18 | 5.09 |
| 13-12-2022 02:30 | 12980.18 | 13661.70 | 539.23 | 681.53 | 5.19 |
| 13-12-2022 02:45 | 12985.61 | 13661.77 | 527.14 | 676.15 | 5.15 |
| 13-12-2022 03:00 | 13091.82 | 13773.86 | 521.97 | 682.03 | 5.15 |
| 13-12-2022 03:15 | 13071.16 | 13776.62 | 512.16 | 705.46 | 5.32 |
| 13-12-2022 03:30 | 13128.46 | 13848.29 | 503.28 | 719.82 | 5.39 |
| 13-12-2022 03:45 | 13250.71 | 13946.74 | 491.55 | 696.03 | 5.17 |
| 13-12-2022 04:00 | 13291.19 | 14006.58 | 481.62 | 715.39 | 5.29 |
| 13-12-2022 04:15 | 13526.37 | 14243.24 | 470.91 | 716.88 | 5.21 |
| 13-12-2022 04:30 | 13737.05 | 14460.18 | 464.58 | 723.12 | 5.17 |
| 13-12-2022 04:45 | 14024.93 | 14739.52 | 453.17 | 714.59 | 5.00 |
| 13-12-2022 05:00 | 14397.10 | 15131.40 | 442.38 | 734.30 | 5.00 |
| 13-12-2022 05:15 | 15323.66 | 16085.55 | 438.13 | 761.89 | 4.87 |
| 13-12-2022 05:30 | 15955.10 | 16722.84 | 436.11 | 767.74 | 4.71 |
| 13-12-2022 05:45 | 16600.61 | 17375.54 | 436.18 | 774.93 | 4.57 |
| 13-12-2022 06:00 | 17434.78 | 18233.97 | 435.01 | 799.19 | 4.49 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 13-12-2022 06:15 | 18504.07 | 19327.57 | 435.04 | 823.50 | 4.36 |
| 13-12-2022 06:30 | 19554.43 | 20393.73 | 440.11 | 839.30 | 4.21 |
| 13-12-2022 06:45 | 20292.39 | 21134.44 | 449.30 | 842.06 | 4.07 |
| 13-12-2022 07:00 | 20784.69 | 21618.67 | 465.62 | 833.98 | 3.94 |
| 13-12-2022 07:15 | 21117.02 | 21926.77 | 491.61 | 809.75 | 3.78 |
| 13-12-2022 07:30 | 21038.63 | 21792.76 | 555.47 | 754.14 | 3.55 |
| 13-12-2022 07:45 | 20876.98 | 21627.56 | 689.90 | 750.58 | 3.58 |
| 13-12-2022 08:00 | 20791.31 | 21508.81 | 839.24 | 717.50 | 3.47 |
| 13-12-2022 08:15 | 20908.26 | 21636.29 | 1005.57 | 728.02 | 3.53 |
| 13-12-2022 08:30 | 20943.00 | 21718.31 | 1202.98 | 775.30 | 3.78 |
| 13-12-2022 08:45 | 20985.80 | 21741.01 | 1391.94 | 755.21 | 3.71 |
| 13-12-2022 09:00 | 20790.24 | 21586.13 | 1557.02 | 795.89 | 3.97 |
| 13-12-2022 09:15 | 20855.62 | 21627.27 | 1703.12 | 771.65 | 3.87 |
| 13-12-2022 09:30 | 20639.03 | 21394.48 | 1803.47 | 755.45 | 3.86 |
| 13-12-2022 09:45 | 20718.69 | 21489.97 | 1937.40 | 771.28 | 3.94 |
| 13-12-2022 10:00 | 20581.49 | 21360.69 | 2142.76 | 779.20 | 4.05 |
| 13-12-2022 10:15 | 20611.49 | 21391.66 | 2235.97 | 780.17 | 4.07 |
| 13-12-2022 10:30 | 20552.05 | 21322.94 | 2298.40 | 770.89 | 4.05 |
| 13-12-2022 10:45 | 20180.30 | 20944.54 | 2352.57 | 764.25 | 4.11 |
| 13-12-2022 11:00 | 19952.67 | 20744.89 | 2492.28 | 792.22 | 4.34 |
| 13-12-2022 11:15 | 19929.53 | 20707.38 | 2705.74 | 777.85 | 4.32 |
| 13-12-2022 11:30 | 19660.18 | 20422.25 | 2776.66 | 762.07 | 4.32 |
| 13-12-2022 11:45 | 19567.90 | 20375.47 | 2815.68 | 807.58 | 4.60 |
| 13-12-2022 12:00 | 19355.42 | 20098.52 | 2928.59 | 743.10 | 4.33 |
| 13-12-2022 12:15 | 19344.42 | 20083.77 | 3009.21 | 739.35 | 4.33 |
| 13-12-2022 12:30 | 19206.06 | 19934.03 | 3076.18 | 727.97 | 4.32 |
| 13-12-2022 12:45 | 18960.02 | 19701.45 | 2993.60 | 741.44 | 4.44 |
| 13-12-2022 13:00 | 18633.80 | 19321.54 | 2982.40 | 687.73 | 4.21 |
| 13-12-2022 13:15 | 18508.83 | 19215.52 | 2939.94 | 706.69 | 4.34 |
| 13-12-2022 13:30 | 18477.33 | 19201.68 | 2901.25 | 724.35 | 4.44 |
| 13-12-2022 13:45 | 18555.62 | 19293.63 | 2761.26 | 738.01 | 4.46 |
| 13-12-2022 14:00 | 18405.66 | 19109.84 | 2508.61 | 704.18 | 4.24 |
| 13-12-2022 14:15 | 18494.86 | 19185.71 | 2313.33 | 690.86 | 4.09 |
| 13-12-2022 14:30 | 18636.35 | 19378.12 | 2216.02 | 741.78 | 4.32 |
| 13-12-2022 14:45 | 18662.71 | 19413.55 | 2122.68 | 750.84 | 4.34 |
| 13-12-2022 15:00 | 18812.02 | 19579.86 | 1982.18 | 767.85 | 4.36 |
| 13-12-2022 15:15 | 19131.03 | 19897.54 | 1859.02 | 766.51 | 4.25 |
| 13-12-2022 15:30 | 19291.89 | 20031.67 | 1665.70 | 739.77 | 4.03 |
| 13-12-2022 15:45 | 19247.58 | 20000.63 | 1496.80 | 753.06 | 4.07 |
| 13-12-2022 16:00 | 19269.74 | 20047.64 | 1353.79 | 777.90 | 4.16 |
| 13-12-2022 16:15 | 19392.83 | 20143.47 | 1175.41 | 750.64 | 3.96 |
| 13-12-2022 16:30 | 19389.08 | 20132.34 | 991.07 | 743.26 | 3.88 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 13-12-2022 16:45 | 19500.49 | 20267.46 | 794.28 | 766.96 | 3.94 |
| 13-12-2022 17:00 | 19491.86 | 20227.57 | 640.98 | 735.71 | 3.76 |
| 13-12-2022 17:15 | 19844.99 | 20615.61 | 523.89 | 770.62 | 3.84 |
| 13-12-2022 17:30 | 20114.83 | 20898.30 | 461.58 | 783.48 | 3.83 |
| 13-12-2022 17:45 | 20628.53 | 21400.27 | 455.62 | 771.73 | 3.68 |
| 13-12-2022 18:00 | 20644.51 | 21437.56 | 493.42 | 793.05 | 3.79 |
| 13-12-2022 18:15 | 20953.92 | 21741.94 | 531.20 | 788.01 | 3.72 |
| 13-12-2022 18:30 | 20888.33 | 21662.58 | 564.21 | 774.25 | 3.67 |
| 13-12-2022 18:45 | 20628.30 | 21373.59 | 588.63 | 745.29 | 3.59 |
| 13-12-2022 19:00 | 20257.08 | 20978.64 | 605.94 | 721.56 | 3.54 |
| 13-12-2022 19:15 | 19613.33 | 20341.19 | 613.97 | 727.86 | 3.69 |
| 13-12-2022 19:30 | 18994.65 | 19736.01 | 622.35 | 741.36 | 3.88 |
| 13-12-2022 19:45 | 18329.13 | 19041.16 | 631.48 | 712.04 | 3.87 |
| 13-12-2022 20:00 | 17706.16 | 18431.30 | 638.32 | 725.14 | 4.08 |
| 13-12-2022 20:15 | 17389.18 | 18090.83 | 656.93 | 701.65 | 4.02 |
| 13-12-2022 20:30 | 16971.79 | 17700.57 | 670.31 | 728.78 | 4.28 |
| 13-12-2022 20:45 | 16686.66 | 17450.86 | 679.46 | 764.21 | 4.56 |
| 13-12-2022 21:00 | 16461.86 | 17200.52 | 680.45 | 738.66 | 4.47 |
| 13-12-2022 21:15 | 16336.41 | 17080.86 | 685.22 | 744.46 | 4.54 |
| 13-12-2022 21:30 | 15992.33 | 16702.90 | 687.62 | 710.57 | 4.44 |
| 13-12-2022 21:45 | 15705.01 | 16398.15 | 677.19 | 693.14 | 4.41 |
| 13-12-2022 22:00 | 15512.85 | 16217.04 | 667.85 | 704.19 | 4.53 |
| 13-12-2022 22:15 | 15558.45 | 16263.34 | 654.97 | 704.88 | 4.52 |
| 13-12-2022 22:30 | 15479.04 | 16154.34 | 649.16 | 675.30 | 4.36 |
| 13-12-2022 22:45 | 15234.00 | 15935.64 | 646.13 | 701.65 | 4.59 |
| 13-12-2022 23:00 | 14854.79 | 15513.59 | 639.12 | 658.80 | 4.43 |
| 13-12-2022 23:15 | 14721.44 | 15394.45 | 637.71 | 673.01 | 4.56 |
| 13-12-2022 23:30 | 14678.68 | 15354.08 | 636.55 | 675.40 | 4.59 |
| 13-12-2022 23:45 | 14439.08 | 15110.54 | 634.57 | 671.47 | 4.64 |
| 14-12-2022 00:00 | 14320.20 | 14986.22 | 631.75 | 666.02 | 4.64 |
| 14-12-2022 00:15 | 14332.01 | 15015.13 | 629.84 | 683.11 | 4.75 |
| 14-12-2022 00:30 | 14249.47 | 14930.07 | 629.33 | 680.61 | 4.76 |
| 14-12-2022 00:45 | 14111.93 | 14801.38 | 629.28 | 689.45 | 4.86 |
| 14-12-2022 01:00 | 13820.85 | 14494.89 | 635.83 | 674.04 | 4.86 |
| 14-12-2022 01:15 | 13671.50 | 14350.90 | 635.18 | 679.39 | 4.95 |
| 14-12-2022 01:30 | 13572.92 | 14258.51 | 635.43 | 685.59 | 5.03 |
| 14-12-2022 01:45 | 13529.35 | 14226.87 | 628.67 | 697.52 | 5.13 |
| 14-12-2022 02:00 | 13401.02 | 14083.73 | 620.43 | 682.71 | 5.07 |
| 14-12-2022 02:15 | 13420.19 | 14104.34 | 618.27 | 684.15 | 5.07 |
| 14-12-2022 02:30 | 13411.64 | 14123.04 | 624.03 | 711.41 | 5.27 |
| 14-12-2022 02:45 | 13417.63 | 14103.48 | 629.15 | 685.85 | 5.09 |
| 14-12-2022 03:00 | 13369.19 | 14074.94 | 628.17 | 705.74 | 5.25 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 14-12-2022 03:15 | 13350.79 | 14044.29 | 630.48 | 693.51 | 5.17 |
| 14-12-2022 03:30 | 13392.76 | 14090.60 | 624.26 | 697.84 | 5.18 |
| 14-12-2022 03:45 | 13420.38 | 14113.30 | 615.93 | 692.92 | 5.13 |
| 14-12-2022 04:00 | 13583.13 | 14302.82 | 614.59 | 719.68 | 5.26 |
| 14-12-2022 04:15 | 13882.72 | 14597.73 | 611.83 | 715.01 | 5.11 |
| 14-12-2022 04:30 | 14137.33 | 14840.25 | 610.28 | 702.92 | 4.94 |
| 14-12-2022 04:45 | 14357.29 | 15059.49 | 607.32 | 702.20 | 4.86 |
| 14-12-2022 05:00 | 14734.34 | 15460.14 | 605.66 | 725.79 | 4.89 |
| 14-12-2022 05:15 | 15513.83 | 16233.25 | 603.32 | 719.42 | 4.60 |
| 14-12-2022 05:30 | 16344.97 | 17117.95 | 602.83 | 772.98 | 4.68 |
| 14-12-2022 05:45 | 16968.96 | 17732.49 | 605.78 | 763.52 | 4.46 |
| 14-12-2022 06:00 | 17596.34 | 18390.58 | 613.19 | 794.24 | 4.47 |
| 14-12-2022 06:15 | 18635.60 | 19458.35 | 607.06 | 822.74 | 4.36 |
| 14-12-2022 06:30 | 19662.59 | 20471.40 | 595.52 | 808.81 | 4.07 |
| 14-12-2022 06:45 | 20477.49 | 21268.71 | 611.33 | 791.22 | 3.83 |
| 14-12-2022 07:00 | 20833.62 | 21604.63 | 635.06 | 771.01 | 3.68 |
| 14-12-2022 07:15 | 21164.06 | 21929.88 | 681.01 | 765.82 | 3.60 |
| 14-12-2022 07:30 | 21210.66 | 21950.18 | 770.52 | 739.53 | 3.49 |
| 14-12-2022 07:45 | 21145.88 | 21885.67 | 930.17 | 739.78 | 3.53 |
| 14-12-2022 08:00 | 21186.11 | 21914.38 | 1124.93 | 728.27 | 3.50 |
| 14-12-2022 08:15 | 21263.57 | 21996.57 | 1341.87 | 733.00 | 3.55 |
| 14-12-2022 08:30 | 21266.83 | 22000.17 | 1580.74 | 733.34 | 3.59 |
| 14-12-2022 08:45 | 21321.00 | 22040.13 | 1834.62 | 719.13 | 3.56 |
| 14-12-2022 09:00 | 21270.34 | 21971.40 | 2032.10 | 701.06 | 3.52 |
| 14-12-2022 09:15 | 21154.30 | 21870.59 | 2189.06 | 716.29 | 3.64 |
| 14-12-2022 09:30 | 21025.74 | 21726.51 | 2354.16 | 700.77 | 3.62 |
| 14-12-2022 09:45 | 20790.83 | 21557.87 | 2486.42 | 767.04 | 4.02 |
| 14-12-2022 10:00 | 20551.11 | 21306.23 | 2605.00 | 755.12 | 4.04 |
| 14-12-2022 10:15 | 20608.92 | 21305.36 | 2688.35 | 696.44 | 3.74 |
| 14-12-2022 10:30 | 20694.45 | 21401.30 | 2727.21 | 706.85 | 3.79 |
| 14-12-2022 10:45 | 20746.07 | 21492.41 | 2832.79 | 746.34 | 4.00 |
| 14-12-2022 11:00 | 20589.57 | 21333.58 | 2888.76 | 744.01 | 4.03 |
| 14-12-2022 11:15 | 20480.43 | 21217.01 | 2943.50 | 736.57 | 4.03 |
| 14-12-2022 11:30 | 20314.31 | 21078.68 | 3048.94 | 764.37 | 4.24 |
| 14-12-2022 11:45 | 20219.44 | 20989.66 | 3078.09 | 770.21 | 4.30 |
| 14-12-2022 12:00 | 19827.38 | 20578.74 | 3040.83 | 751.37 | 4.28 |
| 14-12-2022 12:15 | 19665.70 | 20377.00 | 3038.51 | 711.30 | 4.10 |
| 14-12-2022 12:30 | 19474.54 | 20196.19 | 3046.71 | 721.65 | 4.21 |
| 14-12-2022 12:45 | 19126.82 | 19847.96 | 3008.42 | 721.15 | 4.28 |
| 14-12-2022 13:00 | 18896.40 | 19583.02 | 2978.69 | 686.62 | 4.14 |
| 14-12-2022 13:15 | 18815.13 | 19524.25 | 2963.62 | 709.12 | 4.28 |
| 14-12-2022 13:30 | 18839.18 | 19549.33 | 2968.39 | 710.14 | 4.28 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 14-12-2022 13:45 | 18903.50 | 19605.36 | 2956.23 | 701.86 | 4.22 |
| 14-12-2022 14:00 | 18850.58 | 19539.09 | 2874.70 | 688.51 | 4.13 |
| 14-12-2022 14:15 | 19115.12 | 19836.11 | 2808.51 | 720.99 | 4.23 |
| 14-12-2022 14:30 | 19197.74 | 19927.30 | 2703.98 | 729.57 | 4.24 |
| 14-12-2022 14:45 | 19213.79 | 19928.31 | 2473.12 | 714.52 | 4.09 |
| 14-12-2022 15:00 | 19272.77 | 19994.72 | 2304.62 | 721.95 | 4.08 |
| 14-12-2022 15:15 | 19440.55 | 20174.69 | 2168.34 | 734.13 | 4.08 |
| 14-12-2022 15:30 | 19644.72 | 20376.39 | 2015.36 | 731.67 | 3.98 |
| 14-12-2022 15:45 | 19946.53 | 20714.36 | 1931.92 | 767.84 | 4.09 |
| 14-12-2022 16:00 | 19855.84 | 20629.73 | 1725.79 | 773.90 | 4.09 |
| 14-12-2022 16:15 | 19841.92 | 20629.08 | 1420.94 | 787.16 | 4.10 |
| 14-12-2022 16:30 | 19925.62 | 20662.35 | 1136.76 | 736.74 | 3.77 |
| 14-12-2022 16:45 | 20069.75 | 20838.43 | 894.54 | 768.68 | 3.85 |
| 14-12-2022 17:00 | 20019.92 | 20755.19 | 699.66 | 735.27 | 3.67 |
| 14-12-2022 17:15 | 20280.69 | 21043.49 | 527.84 | 762.81 | 3.72 |
| 14-12-2022 17:30 | 20522.44 | 21302.50 | 427.02 | 780.06 | 3.74 |
| 14-12-2022 17:45 | 21075.75 | 21860.95 | 397.69 | 785.20 | 3.66 |
| 14-12-2022 18:00 | 21229.31 | 21959.49 | 410.93 | 730.19 | 3.39 |
| 14-12-2022 18:15 | 21364.37 | 22084.38 | 434.46 | 720.01 | 3.33 |
| 14-12-2022 18:30 | 21240.09 | 21971.48 | 457.28 | 731.39 | 3.40 |
| 14-12-2022 18:45 | 20891.96 | 21596.14 | 480.99 | 704.17 | 3.33 |
| 14-12-2022 19:00 | 20544.81 | 21228.03 | 503.98 | 683.22 | 3.30 |
| 14-12-2022 19:15 | 20092.91 | 20773.80 | 516.85 | 680.89 | 3.36 |
| 14-12-2022 19:30 | 19538.78 | 20236.29 | 527.93 | 697.51 | 3.54 |
| 14-12-2022 19:45 | 18819.19 | 19493.33 | 534.43 | 674.14 | 3.56 |
| 14-12-2022 20:00 | 18442.99 | 19135.16 | 536.52 | 692.17 | 3.72 |
| 14-12-2022 20:15 | 18114.79 | 18813.99 | 530.02 | 699.19 | 3.82 |
| 14-12-2022 20:30 | 17813.52 | 18503.58 | 520.78 | 690.06 | 3.84 |
| 14-12-2022 20:45 | 17542.32 | 18240.04 | 511.93 | 697.72 | 3.94 |
| 14-12-2022 21:00 | 17120.52 | 17793.88 | 515.19 | 673.36 | 3.90 |
| 14-12-2022 21:15 | 16863.57 | 17540.68 | 515.98 | 677.11 | 3.98 |
| 14-12-2022 21:30 | 16700.90 | 17389.91 | 527.76 | 689.01 | 4.09 |
| 14-12-2022 21:45 | 16532.40 | 17199.67 | 523.20 | 667.27 | 4.00 |
| 14-12-2022 22:00 | 16232.20 | 16871.84 | 517.49 | 639.64 | 3.91 |
| 14-12-2022 22:15 | 16128.63 | 16808.99 | 524.89 | 680.36 | 4.18 |
| 14-12-2022 22:30 | 16028.73 | 16673.14 | 536.98 | 644.40 | 3.99 |
| 14-12-2022 22:45 | 15842.43 | 16499.22 | 539.83 | 656.79 | 4.12 |
| 14-12-2022 23:00 | 15669.95 | 16321.60 | 550.44 | 651.65 | 4.13 |
| 14-12-2022 23:15 | 15622.90 | 16252.98 | 562.53 | 630.09 | 4.02 |
| 14-12-2022 23:30 | 15449.96 | 16094.93 | 564.66 | 644.97 | 4.15 |
| 14-12-2022 23:45 | 15238.56 | 15895.79 | 557.46 | 657.23 | 4.28 |
| 15-12-2022 00:00 | 15262.86 | 15921.07 | 536.62 | 658.21 | 4.28 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 15-12-2022 00:15 | 15102.65 | 15763.99 | 526.50 | 661.34 | 4.34 |
| 15-12-2022 00:30 | 15013.93 | 15676.64 | 532.16 | 662.71 | 4.38 |
| 15-12-2022 00:45 | 14984.22 | 15658.04 | 536.64 | 673.81 | 4.46 |
| 15-12-2022 01:00 | 14771.52 | 15449.53 | 525.02 | 678.01 | 4.54 |
| 15-12-2022 01:15 | 14722.24 | 15398.67 | 513.03 | 676.43 | 4.54 |
| 15-12-2022 01:30 | 14734.91 | 15397.61 | 512.42 | 662.70 | 4.45 |
| 15-12-2022 01:45 | 14566.42 | 15236.16 | 496.59 | 669.74 | 4.54 |
| 15-12-2022 02:00 | 14438.72 | 15110.43 | 476.61 | 671.71 | 4.59 |
| 15-12-2022 02:15 | 14438.87 | 15105.42 | 457.93 | 666.55 | 4.55 |
| 15-12-2022 02:30 | 14363.80 | 15032.41 | 445.65 | 668.61 | 4.58 |
| 15-12-2022 02:45 | 14371.60 | 15054.28 | 430.49 | 682.68 | 4.67 |
| 15-12-2022 03:00 | 14268.96 | 14945.10 | 425.94 | 676.14 | 4.66 |
| 15-12-2022 03:15 | 14239.58 | 14937.07 | 430.61 | 697.50 | 4.81 |
| 15-12-2022 03:30 | 14233.41 | 14917.47 | 434.90 | 684.06 | 4.72 |
| 15-12-2022 03:45 | 14234.43 | 14927.93 | 438.61 | 693.50 | 4.79 |
| 15-12-2022 04:00 | 14374.13 | 15056.67 | 455.84 | 682.55 | 4.67 |
| 15-12-2022 04:15 | 14705.91 | 15417.84 | 463.76 | 711.93 | 4.76 |
| 15-12-2022 04:30 | 15071.48 | 15771.78 | 467.60 | 700.30 | 4.58 |
| 15-12-2022 04:45 | 15618.52 | 16336.02 | 477.47 | 717.50 | 4.52 |
| 15-12-2022 05:00 | 16105.55 | 16817.02 | 484.97 | 711.46 | 4.36 |
| 15-12-2022 05:15 | 16842.75 | 17541.96 | 497.19 | 699.21 | 4.10 |
| 15-12-2022 05:30 | 17565.37 | 18338.22 | 499.40 | 772.85 | 4.33 |
| 15-12-2022 05:45 | 18093.60 | 18845.93 | 492.59 | 752.33 | 4.10 |
| 15-12-2022 06:00 | 18886.27 | 19682.69 | 476.65 | 796.42 | 4.15 |
| 15-12-2022 06:15 | 19923.57 | 20694.03 | 454.19 | 770.46 | 3.81 |
| 15-12-2022 06:30 | 20726.99 | 21499.22 | 431.67 | 772.23 | 3.67 |
| 15-12-2022 06:45 | 21404.37 | 22161.79 | 438.15 | 757.43 | 3.49 |
| 15-12-2022 07:00 | 21574.69 | 22349.89 | 463.36 | 775.19 | 3.54 |
| 15-12-2022 07:15 | 21732.62 | 22504.72 | 501.76 | 772.11 | 3.51 |
| 15-12-2022 07:30 | 21720.38 | 22425.37 | 599.55 | 704.99 | 3.23 |
| 15-12-2022 07:45 | 21509.61 | 22228.59 | 768.67 | 718.98 | 3.35 |
| 15-12-2022 08:00 | 21373.32 | 22062.51 | 980.38 | 689.19 | 3.27 |
| 15-12-2022 08:15 | 21472.63 | 22180.88 | 1220.39 | 708.26 | 3.38 |
| 15-12-2022 08:30 | 21499.00 | 22217.49 | 1475.45 | 718.50 | 3.46 |
| 15-12-2022 08:45 | 21615.98 | 22345.26 | 1724.91 | 729.27 | 3.54 |
| 15-12-2022 09:00 | 21769.98 | 22479.39 | 1978.68 | 709.41 | 3.46 |
| 15-12-2022 09:15 | 21711.95 | 22400.60 | 2211.40 | 688.65 | 3.41 |
| 15-12-2022 09:30 | 21553.91 | 22252.01 | 2446.51 | 698.09 | 3.52 |
| 15-12-2022 09:45 | 21454.03 | 22197.46 | 2670.71 | 743.43 | 3.81 |
| 15-12-2022 10:00 | 21262.82 | 21998.92 | 2819.82 | 736.10 | 3.84 |
| 15-12-2022 10:15 | 21337.27 | 22112.84 | 2931.07 | 775.58 | 4.04 |
| 15-12-2022 10:30 | 21126.40 | 21916.75 | 2995.87 | 790.35 | 4.18 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 15-12-2022 10:45 | 20865.99 | 21684.71 | 3069.99 | 818.72 | 4.40 |
| 15-12-2022 11:00 | 20742.13 | 21531.92 | 3130.99 | 789.79 | 4.29 |
| 15-12-2022 11:15 | 20698.89 | 21486.06 | 3169.98 | 787.17 | 4.30 |
| 15-12-2022 11:30 | 20434.99 | 21182.74 | 3205.72 | 747.76 | 4.16 |
| 15-12-2022 11:45 | 20314.49 | 21073.80 | 3241.07 | 759.31 | 4.26 |
| 15-12-2022 12:00 | 20313.98 | 21028.51 | 3238.03 | 714.53 | 4.02 |
| 15-12-2022 12:15 | 20197.97 | 20968.10 | 3245.59 | 770.13 | 4.35 |
| 15-12-2022 12:30 | 19936.54 | 20723.43 | 3248.08 | 786.89 | 4.50 |
| 15-12-2022 12:45 | 19678.94 | 20489.13 | 3236.47 | 810.20 | 4.70 |
| 15-12-2022 13:00 | 19185.24 | 19928.68 | 3208.35 | 743.43 | 4.45 |
| 15-12-2022 13:15 | 19160.42 | 19910.22 | 3190.71 | 749.80 | 4.48 |
| 15-12-2022 13:30 | 19132.41 | 19930.34 | 3151.04 | 797.94 | 4.76 |
| 15-12-2022 13:45 | 19026.44 | 19809.39 | 3085.34 | 782.96 | 4.68 |
| 15-12-2022 14:00 | 19007.11 | 19785.81 | 3040.77 | 778.70 | 4.65 |
| 15-12-2022 14:15 | 19129.99 | 19963.91 | 2958.61 | 833.93 | 4.90 |
| 15-12-2022 14:30 | 19366.34 | 20177.39 | 2838.00 | 811.06 | 4.68 |
| 15-12-2022 14:45 | 19370.66 | 20201.24 | 2681.40 | 830.58 | 4.74 |
| 15-12-2022 15:00 | 19339.53 | 20148.65 | 2511.54 | 809.11 | 4.59 |
| 15-12-2022 15:15 | 19538.43 | 20337.67 | 2331.18 | 799.24 | 4.44 |
| 15-12-2022 15:30 | 19591.59 | 20404.87 | 2122.78 | 813.29 | 4.45 |
| 15-12-2022 15:45 | 19701.96 | 20487.54 | 1894.69 | 785.58 | 4.23 |
| 15-12-2022 16:00 | 19740.28 | 20537.56 | 1638.67 | 797.29 | 4.22 |
| 15-12-2022 16:15 | 20009.23 | 20785.39 | 1358.76 | 776.16 | 4.00 |
| 15-12-2022 16:30 | 20043.68 | 20849.21 | 1038.92 | 805.53 | 4.07 |
| 15-12-2022 16:45 | 20209.93 | 21028.84 | 732.82 | 818.92 | 4.03 |
| 15-12-2022 17:00 | 20185.84 | 21017.34 | 484.51 | 831.50 | 4.05 |
| 15-12-2022 17:15 | 20433.69 | 21261.57 | 295.11 | 827.89 | 3.95 |
| 15-12-2022 17:30 | 20762.36 | 21591.45 | 178.93 | 829.09 | 3.87 |
| 15-12-2022 17:45 | 21183.77 | 22024.07 | 150.68 | 840.30 | 3.84 |
| 15-12-2022 18:00 | 21350.98 | 22174.15 | 169.38 | 823.17 | 3.74 |
| 15-12-2022 18:15 | 21457.72 | 22223.85 | 199.44 | 766.12 | 3.48 |
| 15-12-2022 18:30 | 21476.93 | 22252.49 | 223.29 | 775.56 | 3.52 |
| 15-12-2022 18:45 | 21382.62 | 22155.81 | 248.27 | 773.19 | 3.53 |
| 15-12-2022 19:00 | 21024.23 | 21782.63 | 269.20 | 758.41 | 3.53 |
| 15-12-2022 19:15 | 20464.01 | 21195.96 | 293.42 | 731.96 | 3.50 |
| 15-12-2022 19:30 | 20078.62 | 20825.21 | 327.66 | 746.58 | 3.64 |
| 15-12-2022 19:45 | 19662.04 | 20405.50 | 351.20 | 743.45 | 3.71 |
| 15-12-2022 20:00 | 19167.18 | 19918.27 | 357.54 | 751.09 | 3.84 |
| 15-12-2022 20:15 | 18880.04 | 19596.13 | 370.07 | 716.09 | 3.72 |
| 15-12-2022 20:30 | 18559.19 | 19310.40 | 375.23 | 751.21 | 3.97 |
| 15-12-2022 20:45 | 18261.25 | 19011.69 | 369.46 | 750.44 | 4.03 |
| 15-12-2022 21:00 | 17944.59 | 18634.34 | 362.86 | 689.74 | 3.77 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 15-12-2022 21:15 | 17636.77 | 18379.80 | 370.36 | 743.03 | 4.13 |
| 15-12-2022 21:30 | 17307.57 | 18059.11 | 373.22 | 751.54 | 4.25 |
| 15-12-2022 21:45 | 17025.74 | 17740.75 | 358.89 | 715.02 | 4.11 |
| 15-12-2022 22:00 | 16685.60 | 17416.39 | 334.40 | 730.79 | 4.28 |
| 15-12-2022 22:15 | 16594.89 | 17332.22 | 312.44 | 737.33 | 4.33 |
| 15-12-2022 22:30 | 16426.63 | 17159.86 | 303.77 | 733.23 | 4.35 |
| 15-12-2022 22:45 | 16253.20 | 16969.73 | 305.42 | 716.53 | 4.30 |
| 15-12-2022 23:00 | 16106.16 | 16818.16 | 311.77 | 711.99 | 4.31 |
| 15-12-2022 23:15 | 15924.49 | 16663.83 | 312.15 | 739.34 | 4.52 |
| 15-12-2022 23:30 | 15635.32 | 16354.48 | 294.59 | 719.15 | 4.48 |
| 15-12-2022 23:45 | 15441.54 | 16150.05 | 284.12 | 708.51 | 4.47 |
| 16-12-2022 00:00 | 15321.64 | 16021.87 | 280.05 | 700.23 | 4.45 |
| 16-12-2022 00:15 | 15329.47 | 16032.19 | 274.06 | 702.72 | 4.46 |
| 16-12-2022 00:30 | 15249.84 | 15981.87 | 268.02 | 732.02 | 4.66 |
| 16-12-2022 00:45 | 15271.19 | 15980.49 | 264.81 | 709.30 | 4.51 |
| 16-12-2022 01:00 | 15165.93 | 15892.68 | 261.85 | 726.75 | 4.65 |
| 16-12-2022 01:15 | 15094.82 | 15809.62 | 259.54 | 714.80 | 4.60 |
| 16-12-2022 01:30 | 15017.48 | 15739.32 | 264.13 | 721.84 | 4.66 |
| 16-12-2022 01:45 | 14912.46 | 15654.56 | 263.44 | 742.09 | 4.82 |
| 16-12-2022 02:00 | 14882.90 | 15611.07 | 255.17 | 728.18 | 4.74 |
| 16-12-2022 02:15 | 14769.38 | 15499.28 | 254.90 | 729.90 | 4.79 |
| 16-12-2022 02:30 | 14754.47 | 15507.09 | 245.42 | 752.62 | 4.93 |
| 16-12-2022 02:45 | 14623.71 | 15374.19 | 237.74 | 750.48 | 4.96 |
| 16-12-2022 03:00 | 14585.56 | 15330.67 | 222.06 | 745.11 | 4.93 |
| 16-12-2022 03:15 | 14590.82 | 15336.31 | 206.50 | 745.50 | 4.93 |
| 16-12-2022 03:30 | 14575.39 | 15329.28 | 191.08 | 753.89 | 4.98 |
| 16-12-2022 03:45 | 14617.60 | 15352.96 | 179.74 | 735.36 | 4.85 |
| 16-12-2022 04:00 | 14875.36 | 15627.39 | 173.92 | 752.03 | 4.87 |
| 16-12-2022 04:15 | 15116.73 | 15895.83 | 173.75 | 779.10 | 4.96 |
| 16-12-2022 04:30 | 15428.09 | 16209.34 | 180.21 | 781.25 | 4.87 |
| 16-12-2022 04:45 | 15954.42 | 16750.12 | 192.20 | 795.70 | 4.81 |
| 16-12-2022 05:00 | 16689.60 | 17493.11 | 189.34 | 803.51 | 4.64 |
| 16-12-2022 05:15 | 17362.12 | 18166.10 | 180.19 | 803.98 | 4.47 |
| 16-12-2022 05:30 | 18086.69 | 18888.06 | 169.51 | 801.37 | 4.28 |
| 16-12-2022 05:45 | 18695.97 | 19511.60 | 161.83 | 815.63 | 4.22 |
| 16-12-2022 06:00 | 19261.05 | 20073.34 | 158.63 | 812.29 | 4.08 |
| 16-12-2022 06:15 | 20166.74 | 21015.71 | 157.04 | 848.98 | 4.07 |
| 16-12-2022 06:30 | 20810.05 | 21712.61 | 152.49 | 902.56 | 4.19 |
| 16-12-2022 06:45 | 21254.44 | 22105.51 | 168.28 | 851.08 | 3.88 |
| 16-12-2022 07:00 | 21484.61 | 22318.39 | 218.98 | 833.78 | 3.77 |
| 16-12-2022 07:15 | 21616.11 | 22451.89 | 298.08 | 835.78 | 3.77 |
| 16-12-2022 07:30 | 21681.40 | 22468.25 | 432.97 | 786.85 | 3.57 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 16-12-2022 07:45 | 21304.47 | 22054.97 | 655.72 | 750.51 | 3.51 |
| 16-12-2022 08:00 | 21011.69 | 21736.31 | 896.18 | 724.62 | 3.48 |
| 16-12-2022 08:15 | 21168.51 | 21910.39 | 1161.46 | 741.87 | 3.58 |
| 16-12-2022 08:30 | 21109.42 | 21827.02 | 1428.80 | 717.61 | 3.52 |
| 16-12-2022 08:45 | 21191.34 | 21919.29 | 1714.35 | 727.96 | 3.60 |
| 16-12-2022 09:00 | 21358.95 | 22080.27 | 1965.93 | 721.32 | 3.59 |
| 16-12-2022 09:15 | 21490.88 | 22231.53 | 2197.54 | 740.66 | 3.70 |
| 16-12-2022 09:30 | 21481.53 | 22212.02 | 2400.78 | 730.49 | 3.69 |
| 16-12-2022 09:45 | 21488.92 | 22279.35 | 2560.16 | 790.42 | 4.01 |
| 16-12-2022 10:00 | 21519.84 | 22294.64 | 2701.41 | 774.81 | 3.95 |
| 16-12-2022 10:15 | 21613.84 | 22425.84 | 2829.22 | 812.00 | 4.14 |
| 16-12-2022 10:30 | 21599.62 | 22413.10 | 2901.62 | 813.48 | 4.17 |
| 16-12-2022 10:45 | 21518.36 | 22300.21 | 2968.08 | 781.85 | 4.04 |
| 16-12-2022 11:00 | 21514.29 | 22341.66 | 3016.59 | 827.37 | 4.28 |
| 16-12-2022 11:15 | 21533.66 | 22384.80 | 3042.14 | 851.14 | 4.40 |
| 16-12-2022 11:30 | 21575.14 | 22423.48 | 3084.07 | 848.34 | 4.39 |
| 16-12-2022 11:45 | 21733.29 | 22550.67 | 3108.15 | 817.38 | 4.20 |
| 16-12-2022 12:00 | 21475.13 | 22243.18 | 3103.40 | 768.05 | 4.01 |
| 16-12-2022 12:15 | 21295.61 | 22060.62 | 3121.09 | 765.01 | 4.04 |
| 16-12-2022 12:30 | 21160.99 | 21895.75 | 3109.60 | 734.77 | 3.91 |
| 16-12-2022 12:45 | 20930.36 | 21663.16 | 3082.12 | 732.79 | 3.94 |
| 16-12-2022 13:00 | 20245.34 | 21001.17 | 3074.22 | 755.83 | 4.22 |
| 16-12-2022 13:15 | 20093.02 | 20884.22 | 3056.18 | 791.21 | 4.44 |
| 16-12-2022 13:30 | 20032.39 | 20848.03 | 3026.32 | 815.64 | 4.58 |
| 16-12-2022 13:45 | 19991.17 | 20797.41 | 2968.36 | 806.24 | 4.52 |
| 16-12-2022 14:00 | 20024.68 | 20834.78 | 2914.22 | 810.11 | 4.52 |
| 16-12-2022 14:15 | 20115.67 | 20961.24 | 2838.41 | 845.57 | 4.67 |
| 16-12-2022 14:30 | 20163.65 | 20980.52 | 2697.59 | 816.87 | 4.47 |
| 16-12-2022 14:45 | 20321.42 | 21170.85 | 2561.57 | 849.43 | 4.56 |
| 16-12-2022 15:00 | 20460.23 | 21310.25 | 2400.01 | 850.01 | 4.49 |
| 16-12-2022 15:15 | 20497.64 | 21334.21 | 2213.42 | 836.57 | 4.38 |
| 16-12-2022 15:30 | 20623.32 | 21442.11 | 2007.70 | 818.79 | 4.21 |
| 16-12-2022 15:45 | 20602.09 | 21437.84 | 1788.65 | 835.75 | 4.25 |
| 16-12-2022 16:00 | 20418.54 | 21226.84 | 1530.24 | 808.30 | 4.10 |
| 16-12-2022 16:15 | 20523.65 | 21353.15 | 1257.50 | 829.50 | 4.13 |
| 16-12-2022 16:30 | 20557.39 | 21368.70 | 961.54 | 811.31 | 3.98 |
| 16-12-2022 16:45 | 20632.15 | 21404.64 | 671.95 | 772.49 | 3.73 |
| 16-12-2022 17:00 | 20577.54 | 21358.76 | 437.60 | 781.22 | 3.73 |
| 16-12-2022 17:15 | 20757.44 | 21558.97 | 258.87 | 801.53 | 3.76 |
| 16-12-2022 17:30 | 20979.54 | 21742.49 | 135.63 | 762.96 | 3.53 |
| 16-12-2022 17:45 | 21420.81 | 22195.86 | 91.01 | 775.05 | 3.51 |
| 16-12-2022 18:00 | 21407.42 | 22166.71 | 93.51 | 759.29 | 3.44 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 16-12-2022 18:15 | 21498.42 | 22272.35 | 108.97 | 773.93 | 3.49 |
| 16-12-2022 18:30 | 21510.71 | 22297.13 | 121.74 | 786.42 | 3.55 |
| 16-12-2022 18:45 | 21284.64 | 22080.79 | 127.76 | 796.16 | 3.63 |
| 16-12-2022 19:00 | 21064.48 | 21810.71 | 130.86 | 746.23 | 3.44 |
| 16-12-2022 19:15 | 20744.73 | 21458.96 | 133.11 | 714.22 | 3.35 |
| 16-12-2022 19:30 | 20312.29 | 21038.95 | 129.19 | 726.66 | 3.48 |
| 16-12-2022 19:45 | 19828.99 | 20571.69 | 122.41 | 742.70 | 3.63 |
| 16-12-2022 20:00 | 19375.13 | 20115.81 | 116.98 | 740.68 | 3.70 |
| 16-12-2022 20:15 | 19117.15 | 19874.75 | 121.43 | 757.60 | 3.84 |
| 16-12-2022 20:30 | 18809.86 | 19573.83 | 126.87 | 763.97 | 3.93 |
| 16-12-2022 20:45 | 18636.96 | 19403.98 | 128.27 | 767.03 | 3.98 |
| 16-12-2022 21:00 | 18423.38 | 19157.35 | 136.51 | 733.97 | 3.86 |
| 16-12-2022 21:15 | 18038.98 | 18791.32 | 148.12 | 752.34 | 4.04 |
| 16-12-2022 21:30 | 17735.86 | 18481.22 | 148.62 | 745.36 | 4.07 |
| 16-12-2022 21:45 | 17520.45 | 18263.90 | 149.84 | 743.45 | 4.10 |
| 16-12-2022 22:00 | 17406.73 | 18143.70 | 144.59 | 736.97 | 4.09 |
| 16-12-2022 22:15 | 17187.01 | 17941.79 | 145.73 | 754.78 | 4.24 |
| 16-12-2022 22:30 | 16834.67 | 17579.19 | 146.16 | 744.51 | 4.27 |
| 16-12-2022 22:45 | 16577.40 | 17328.73 | 145.37 | 751.33 | 4.37 |
| 16-12-2022 23:00 | 16440.26 | 17183.24 | 147.82 | 742.99 | 4.36 |
| 16-12-2022 23:15 | 16364.49 | 17129.27 | 141.91 | 764.78 | 4.50 |
| 16-12-2022 23:30 | 16227.63 | 17012.69 | 136.81 | 785.06 | 4.65 |
| 16-12-2022 23:45 | 16107.72 | 16878.02 | 137.15 | 770.31 | 4.60 |
| 17-12-2022 00:00 | 16174.86 | 16939.14 | 137.42 | 764.28 | 4.55 |
| 17-12-2022 00:15 | 16256.14 | 17038.12 | 126.81 | 781.98 | 4.62 |
| 17-12-2022 00:30 | 16083.01 | 16851.49 | 115.59 | 768.48 | 4.59 |
| 17-12-2022 00:45 | 15915.06 | 16690.89 | 110.20 | 775.83 | 4.68 |
| 17-12-2022 01:00 | 15735.19 | 16530.63 | 108.20 | 795.44 | 4.84 |
| 17-12-2022 01:15 | 15535.19 | 16313.01 | 108.88 | 777.82 | 4.80 |
| 17-12-2022 01:30 | 15403.99 | 16175.25 | 108.01 | 771.25 | 4.80 |
| 17-12-2022 01:45 | 15245.57 | 16045.93 | 107.82 | 800.36 | 5.02 |
| 17-12-2022 02:00 | 15120.64 | 15917.74 | 112.50 | 797.10 | 5.04 |
| 17-12-2022 02:15 | 15103.50 | 15917.02 | 109.29 | 813.52 | 5.15 |
| 17-12-2022 02:30 | 15243.79 | 16059.40 | 98.99 | 815.61 | 5.11 |
| 17-12-2022 02:45 | 15369.52 | 16173.92 | 90.68 | 804.40 | 5.00 |
| 17-12-2022 03:00 | 15402.07 | 16213.76 | 85.57 | 811.69 | 5.03 |
| 17-12-2022 03:15 | 15363.26 | 16185.56 | 84.68 | 822.30 | 5.11 |
| 17-12-2022 03:30 | 15326.17 | 16152.99 | 86.66 | 826.82 | 5.15 |
| 17-12-2022 03:45 | 15407.37 | 16225.60 | 90.83 | 818.23 | 5.07 |
| 17-12-2022 04:00 | 15508.67 | 16347.50 | 98.37 | 838.83 | 5.16 |
| 17-12-2022 04:15 | 15921.24 | 16759.63 | 111.15 | 838.39 | 5.04 |
| 17-12-2022 04:30 | 16200.00 | 17051.71 | 125.84 | 851.71 | 5.03 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 17-12-2022 04:45 | 16510.88 | 17354.28 | 135.53 | 843.41 | 4.90 |
| 17-12-2022 05:00 | 17067.43 | 17866.29 | 139.56 | 798.86 | 4.51 |
| 17-12-2022 05:15 | 17882.88 | 18718.96 | 138.38 | 836.08 | 4.50 |
| 17-12-2022 05:30 | 18536.41 | 19380.26 | 143.78 | 843.85 | 4.39 |
| 17-12-2022 05:45 | 19172.83 | 20060.55 | 145.76 | 887.72 | 4.46 |
| 17-12-2022 06:00 | 19705.64 | 20609.48 | 140.84 | 903.83 | 4.42 |
| 17-12-2022 06:15 | 20518.65 | 21426.08 | 136.07 | 907.43 | 4.26 |
| 17-12-2022 06:30 | 21184.04 | 22089.04 | 136.95 | 905.00 | 4.12 |
| 17-12-2022 06:45 | 21573.26 | 22467.83 | 157.02 | 894.57 | 4.01 |
| 17-12-2022 07:00 | 21620.40 | 22513.01 | 202.35 | 892.61 | 4.00 |
| 17-12-2022 07:15 | 21655.08 | 22508.54 | 273.95 | 853.46 | 3.84 |
| 17-12-2022 07:30 | 21573.88 | 22365.74 | 386.46 | 791.86 | 3.60 |
| 17-12-2022 07:45 | 21384.04 | 22202.66 | 569.91 | 818.62 | 3.78 |
| 17-12-2022 08:00 | 21284.57 | 22072.91 | 792.21 | 788.34 | 3.70 |
| 17-12-2022 08:15 | 21290.37 | 22058.73 | 1052.63 | 768.36 | 3.66 |
| 17-12-2022 08:30 | 21321.63 | 22069.37 | 1333.43 | 747.74 | 3.61 |
| 17-12-2022 08:45 | 21455.84 | 22240.80 | 1639.72 | 784.96 | 3.81 |
| 17-12-2022 09:00 | 21651.98 | 22426.05 | 1914.23 | 774.07 | 3.77 |
| 17-12-2022 09:15 | 21853.57 | 22610.39 | 2138.06 | 756.82 | 3.70 |
| 17-12-2022 09:30 | 21886.43 | 22648.82 | 2343.35 | 762.39 | 3.75 |
| 17-12-2022 09:45 | 21881.15 | 22643.14 | 2533.98 | 761.98 | 3.79 |
| 17-12-2022 10:00 | 21823.81 | 22636.05 | 2701.05 | 812.24 | 4.07 |
| 17-12-2022 10:15 | 21905.30 | 22736.75 | 2838.86 | 831.45 | 4.18 |
| 17-12-2022 10:30 | 21836.44 | 22697.42 | 2926.47 | 860.98 | 4.35 |
| 17-12-2022 10:45 | 21719.18 | 22554.87 | 3006.20 | 835.70 | 4.27 |
| 17-12-2022 11:00 | 21721.67 | 22508.81 | 3070.98 | 787.14 | 4.05 |
| 17-12-2022 11:15 | 21631.11 | 22414.76 | 3117.87 | 783.65 | 4.06 |
| 17-12-2022 11:30 | 21545.86 | 22314.73 | 3151.73 | 768.88 | 4.01 |
| 17-12-2022 11:45 | 21376.48 | 22174.22 | 3173.32 | 797.74 | 4.20 |
| 17-12-2022 12:00 | 21068.97 | 21858.31 | 3199.20 | 789.33 | 4.23 |
| 17-12-2022 12:15 | 20987.60 | 21746.24 | 3205.16 | 758.65 | 4.09 |
| 17-12-2022 12:30 | 20996.94 | 21776.46 | 3219.39 | 779.53 | 4.20 |
| 17-12-2022 12:45 | 20975.33 | 21755.29 | 3200.77 | 779.95 | 4.20 |
| 17-12-2022 13:00 | 20546.48 | 21300.40 | 3175.63 | 753.91 | 4.16 |
| 17-12-2022 13:15 | 20379.89 | 21120.20 | 3116.93 | 740.31 | 4.11 |
| 17-12-2022 13:30 | 20230.31 | 20952.17 | 3081.60 | 721.86 | 4.04 |
| 17-12-2022 13:45 | 20036.09 | 20776.83 | 3035.62 | 740.74 | 4.18 |
| 17-12-2022 14:00 | 19848.04 | 20588.88 | 2974.31 | 740.84 | 4.21 |
| 17-12-2022 14:15 | 20127.45 | 20891.25 | 2870.01 | 763.80 | 4.24 |
| 17-12-2022 14:30 | 20451.08 | 21220.13 | 2748.20 | 769.05 | 4.16 |
| 17-12-2022 14:45 | 20500.91 | 21262.11 | 2603.36 | 761.20 | 4.08 |
| 17-12-2022 15:00 | 20570.03 | 21370.51 | 2437.93 | 800.49 | 4.23 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 17-12-2022 15:15 | 20789.11 | 21620.91 | 2257.25 | 831.81 | 4.30 |
| 17-12-2022 15:30 | 20923.31 | 21760.13 | 2020.59 | 836.82 | 4.24 |
| 17-12-2022 15:45 | 20930.01 | 21745.35 | 1792.53 | 815.34 | 4.09 |
| 17-12-2022 16:00 | 20862.98 | 21688.52 | 1544.40 | 825.53 | 4.10 |
| 17-12-2022 16:15 | 20870.89 | 21692.21 | 1275.33 | 821.32 | 4.02 |
| 17-12-2022 16:30 | 20810.21 | 21601.55 | 980.25 | 791.34 | 3.84 |
| 17-12-2022 16:45 | 20995.14 | 21808.25 | 701.00 | 813.11 | 3.85 |
| 17-12-2022 17:00 | 20931.53 | 21732.02 | 467.87 | 800.49 | 3.76 |
| 17-12-2022 17:15 | 21208.94 | 22032.34 | 298.86 | 823.40 | 3.79 |
| 17-12-2022 17:30 | 21496.01 | 22278.41 | 192.37 | 782.40 | 3.54 |
| 17-12-2022 17:45 | 21763.15 | 22587.70 | 159.51 | 824.55 | 3.68 |
| 17-12-2022 18:00 | 21822.61 | 22585.22 | 162.93 | 762.61 | 3.40 |
| 17-12-2022 18:15 | 21984.03 | 22738.49 | 164.80 | 754.46 | 3.34 |
| 17-12-2022 18:30 | 21979.05 | 22771.74 | 164.75 | 792.68 | 3.51 |
| 17-12-2022 18:45 | 21959.46 | 22766.67 | 162.29 | 807.21 | 3.57 |
| 17-12-2022 19:00 | 21458.14 | 22197.56 | 160.49 | 739.42 | 3.36 |
| 17-12-2022 19:15 | 21109.39 | 21845.98 | 162.09 | 736.60 | 3.40 |
| 17-12-2022 19:30 | 20692.73 | 21463.25 | 163.02 | 770.53 | 3.62 |
| 17-12-2022 19:45 | 20279.78 | 21031.22 | 167.09 | 751.44 | 3.60 |
| 17-12-2022 20:00 | 19821.30 | 20606.50 | 176.57 | 785.20 | 3.84 |
| 17-12-2022 20:15 | 19608.96 | 20412.66 | 178.04 | 803.70 | 3.97 |
| 17-12-2022 20:30 | 19264.45 | 20025.36 | 184.83 | 760.91 | 3.84 |
| 17-12-2022 20:45 | 19106.75 | 19875.02 | 188.10 | 768.27 | 3.90 |
| 17-12-2022 21:00 | 18740.46 | 19512.52 | 182.96 | 772.05 | 3.99 |
| 17-12-2022 21:15 | 18471.19 | 19236.90 | 181.89 | 765.71 | 4.02 |
| 17-12-2022 21:30 | 18111.86 | 18850.05 | 177.65 | 738.19 | 3.95 |
| 17-12-2022 21:45 | 17652.92 | 18418.28 | 173.94 | 765.36 | 4.20 |
| 17-12-2022 22:00 | 17412.94 | 18177.21 | 177.32 | 764.27 | 4.25 |
| 17-12-2022 22:15 | 17358.78 | 18120.78 | 186.45 | 761.99 | 4.25 |
| 17-12-2022 22:30 | 17201.71 | 17979.95 | 190.57 | 778.23 | 4.37 |
| 17-12-2022 22:45 | 17081.41 | 17860.09 | 192.35 | 778.68 | 4.41 |
| 17-12-2022 23:00 | 16804.51 | 17570.77 | 201.80 | 766.26 | 4.41 |
| 17-12-2022 23:15 | 16571.52 | 17348.78 | 207.42 | 777.25 | 4.53 |
| 17-12-2022 23:30 | 16344.97 | 17112.85 | 206.76 | 767.88 | 4.54 |
| 17-12-2022 23:45 | 16159.33 | 16919.95 | 209.07 | 760.62 | 4.55 |
| 18-12-2022 00:00 | 15887.06 | 16649.00 | 209.85 | 761.94 | 4.63 |
| 18-12-2022 00:15 | 15802.49 | 16575.07 | 208.24 | 772.59 | 4.72 |
| 18-12-2022 00:30 | 15889.21 | 16674.68 | 207.15 | 785.47 | 4.77 |
| 18-12-2022 00:45 | 15906.63 | 16681.51 | 209.22 | 774.87 | 4.70 |
| 18-12-2022 01:00 | 15689.59 | 16455.60 | 217.17 | 766.01 | 4.72 |
| 18-12-2022 01:15 | 15688.25 | 16469.30 | 221.39 | 781.06 | 4.81 |
| 18-12-2022 01:30 | 15613.05 | 16408.85 | 217.35 | 795.80 | 4.91 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 18-12-2022 01:45 | 15533.20 | 16334.97 | 225.66 | 801.78 | 4.98 |
| 18-12-2022 02:00 | 15407.07 | 16187.11 | 233.36 | 780.05 | 4.89 |
| 18-12-2022 02:15 | 15404.85 | 16181.03 | 232.90 | 776.18 | 4.87 |
| 18-12-2022 02:30 | 15311.67 | 16102.11 | 236.87 | 790.44 | 4.98 |
| 18-12-2022 02:45 | 15131.59 | 15937.49 | 241.61 | 805.90 | 5.13 |
| 18-12-2022 03:00 | 15088.20 | 15900.02 | 238.42 | 811.82 | 5.18 |
| 18-12-2022 03:15 | 15148.23 | 15946.87 | 234.55 | 798.64 | 5.08 |
| 18-12-2022 03:30 | 15162.68 | 15964.79 | 227.89 | 802.11 | 5.10 |
| 18-12-2022 03:45 | 15213.93 | 16015.57 | 218.40 | 801.64 | 5.07 |
| 18-12-2022 04:00 | 15345.06 | 16183.41 | 212.29 | 838.36 | 5.25 |
| 18-12-2022 04:15 | 15671.46 | 16514.22 | 203.60 | 842.77 | 5.17 |
| 18-12-2022 04:30 | 15955.17 | 16763.35 | 194.75 | 808.18 | 4.88 |
| 18-12-2022 04:45 | 16247.11 | 17073.51 | 190.20 | 826.40 | 4.89 |
| 18-12-2022 05:00 | 16753.22 | 17579.61 | 184.79 | 826.39 | 4.75 |
| 18-12-2022 05:15 | 17423.71 | 18281.89 | 180.58 | 858.19 | 4.74 |
| 18-12-2022 05:30 | 17944.11 | 18810.78 | 179.99 | 866.67 | 4.65 |
| 18-12-2022 05:45 | 18469.74 | 19338.13 | 187.57 | 868.38 | 4.53 |
| 18-12-2022 06:00 | 18942.82 | 19828.40 | 190.31 | 885.58 | 4.51 |
| 18-12-2022 06:15 | 19775.45 | 20696.25 | 184.74 | 920.80 | 4.49 |
| 18-12-2022 06:30 | 20587.46 | 21493.59 | 176.09 | 906.13 | 4.25 |
| 18-12-2022 06:45 | 21031.01 | 21926.65 | 185.15 | 895.63 | 4.12 |
| 18-12-2022 07:00 | 21201.61 | 22092.32 | 225.62 | 890.71 | 4.07 |
| 18-12-2022 07:15 | 21556.61 | 22442.25 | 297.10 | 885.64 | 4.00 |
| 18-12-2022 07:30 | 21706.42 | 22542.84 | 401.43 | 836.41 | 3.78 |
| 18-12-2022 07:45 | 21602.51 | 22414.51 | 557.30 | 812.00 | 3.72 |
| 18-12-2022 08:00 | 21479.50 | 22288.67 | 769.85 | 809.17 | 3.76 |
| 18-12-2022 08:15 | 21485.72 | 22279.08 | 990.37 | 793.36 | 3.73 |
| 18-12-2022 08:30 | 21632.36 | 22414.51 | 1265.79 | 782.15 | 3.70 |
| 18-12-2022 08:45 | 21649.26 | 22419.90 | 1562.63 | 770.64 | 3.69 |
| 18-12-2022 09:00 | 21679.63 | 22466.85 | 1843.39 | 787.22 | 3.82 |
| 18-12-2022 09:15 | 21926.66 | 22644.33 | 2076.38 | 717.67 | 3.49 |
| 18-12-2022 09:30 | 21833.02 | 22585.20 | 2234.48 | 752.18 | 3.70 |
| 18-12-2022 09:45 | 21746.04 | 22524.31 | 2302.42 | 778.28 | 3.85 |
| 18-12-2022 10:00 | 21635.32 | 22465.09 | 2402.27 | 829.77 | 4.14 |
| 18-12-2022 10:15 | 21581.47 | 22403.91 | 2553.12 | 822.44 | 4.14 |
| 18-12-2022 10:30 | 21592.30 | 22368.91 | 2599.50 | 776.61 | 3.93 |
| 18-12-2022 10:45 | 21449.08 | 22224.46 | 2731.49 | 775.38 | 3.98 |
| 18-12-2022 11:00 | 21255.47 | 22050.46 | 2786.98 | 794.99 | 4.13 |
| 18-12-2022 11:15 | 21224.94 | 21990.17 | 2853.91 | 765.23 | 4.00 |
| 18-12-2022 11:30 | 21118.62 | 21884.55 | 3008.42 | 765.93 | 4.06 |
| 18-12-2022 11:45 | 21139.53 | 21876.02 | 3065.46 | 736.49 | 3.92 |
| 18-12-2022 12:00 | 20760.45 | 21447.45 | 3052.91 | 687.00 | 3.73 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------|--------------------|-----------------------|-----------------------------|------------|--------|
| 18-12-2022 12:15 | 20540.48 | 21262.18 | 2997.86 | 721.69 | 3.95 |
| 18-12-2022 12:30 | 20155.56 | 20881.92 | 2952.22 | 726.36 | 4.05 |
| 18-12-2022 12:45 | 19931.75 | 20673.95 | 2927.47 | 742.20 | 4.18 |
| 18-12-2022 13:00 | 19768.86 | 20464.93 | 2918.90 | 696.07 | 3.97 |
| 18-12-2022 13:15 | 19573.59 | 20315.40 | 2822.30 | 741.81 | 4.24 |
| 18-12-2022 13:30 | 19487.58 | 20240.07 | 2781.18 | 752.49 | 4.31 |
| 18-12-2022 13:45 | 19232.83 | 19970.19 | 2749.66 | 737.37 | 4.28 |
| 18-12-2022 14:00 | 19106.06 | 19843.13 | 2803.12 | 737.08 | 4.33 |
| 18-12-2022 14:15 | 19117.68 | 19843.11 | 2745.27 | 725.43 | 4.24 |
| 18-12-2022 14:30 | 19222.12 | 19975.23 | 2696.16 | 753.12 | 4.36 |
| 18-12-2022 14:45 | 19211.59 | 19972.30 | 2479.87 | 760.71 | 4.35 |
| 18-12-2022 15:00 | 19486.83 | 20248.55 | 2320.92 | 761.72 | 4.25 |
| 18-12-2022 15:15 | 19626.13 | 20456.65 | 2164.23 | 830.52 | 4.54 |
| 18-12-2022 15:30 | 19735.35 | 20503.16 | 1943.75 | 767.80 | 4.14 |
| 18-12-2022 15:45 | 19864.42 | 20639.02 | 1704.99 | 774.60 | 4.09 |
| 18-12-2022 16:00 | 19771.89 | 20541.75 | 1483.74 | 769.86 | 4.04 |
| 18-12-2022 16:15 | 19905.16 | 20683.94 | 1240.94 | 778.78 | 4.01 |
| 18-12-2022 16:30 | 20093.05 | 20843.44 | 971.43 | 750.39 | 3.78 |
| 18-12-2022 16:45 | 20373.23 | 21170.62 | 722.31 | 797.40 | 3.90 |
| 18-12-2022 17:00 | 20472.78 | 21293.41 | 514.36 | 820.64 | 3.95 |
| 18-12-2022 17:15 | 20578.78 | 21427.44 | 357.25 | 848.66 | 4.03 |
| 18-12-2022 17:30 | 20950.26 | 21784.34 | 241.79 | 834.08 | 3.87 |
| 18-12-2022 17:45 | 21480.32 | 22345.59 | 187.58 | 865.27 | 3.90 |
| 18-12-2022 18:00 | 21557.97 | 22306.66 | 191.12 | 748.70 | 3.39 |
| 18-12-2022 18:15 | 21722.65 | 22582.35 | 204.63 | 859.70 | 3.84 |
| 18-12-2022 18:30 | 21689.93 | 22499.29 | 227.38 | 809.36 | 3.63 |
| 18-12-2022 18:45 | 21452.02 | 22257.40 | 241.33 | 805.38 | 3.66 |
| 18-12-2022 19:00 | 21034.78 | 21807.40 | 241.16 | 772.62 | 3.58 |
| 18-12-2022 19:15 | 20563.59 | 21330.49 | 241.69 | 766.90 | 3.64 |
| 18-12-2022 19:30 | 20123.03 | 20916.55 | 246.77 | 793.53 | 3.84 |
| 18-12-2022 19:45 | 19649.58 | 20460.23 | 246.86 | 810.65 | 4.01 |
| 18-12-2022 20:00 | 19084.31 | 19880.03 | 243.47 | 795.72 | 4.05 |
| 18-12-2022 20:15 | 18600.22 | 19432.28 | 239.42 | 832.06 | 4.34 |
| 18-12-2022 20:30 | 18313.94 | 19128.65 | 228.54 | 814.72 | 4.31 |
| 18-12-2022 20:45 | 18098.11 | 18869.05 | 215.83 | 770.95 | 4.13 |
| 18-12-2022 21:00 | 17806.32 | 18551.00 | 217.15 | 744.69 | 4.06 |
| 18-12-2022 21:15 | 17561.39 | 18306.84 | 220.10 | 745.45 | 4.12 |
| 18-12-2022 21:30 | 17213.78 | 17977.26 | 214.25 | 763.48 | 4.30 |
| 18-12-2022 21:45 | 16881.12 | 17659.01 | 213.84 | 777.89 | 4.46 |
| 18-12-2022 22:00 | 16644.16 | 17407.32 | 219.56 | 763.17 | 4.44 |
| 18-12-2022 22:15 | 16675.40 | 17441.87 | 231.13 | 766.47 | 4.45 |
| 18-12-2022 22:30 | 16534.97 | 17325.63 | 235.81 | 790.66 | 4.63 |

| Date & Time Block | Total drawal (MWh) | Total injection (MWh) | Exempted RE Injection (MWh) | Loss (MWh) | Loss % |
|-------------------------|--------------------|-----------------------|-----------------------------|---------------|--------|
| 18-12-2022 22:45 | 16171.81 | 16966.49 | 241.07 | 794.68 | 4.75 |
| 18-12-2022 23:00 | 15942.41 | 16711.50 | 243.13 | 769.09 | 4.67 |
| 18-12-2022 23:15 | 15887.71 | 16669.46 | 243.96 | 781.75 | 4.76 |
| 18-12-2022 23:30 | 15904.42 | 16682.31 | 240.51 | 777.89 | 4.73 |
| 18-12-2022 23:45 | 15778.46 | 16578.25 | 233.13 | 799.79 | 4.89 |
| Total (in MU) | 12384 | 12893.16 | 735.70 | 509.15 | |