

Power System Operation Corporation Limited

National Load Despatch Centre

Applicable Transmission Loss

Revision No: 0

Date: 20.01.2023

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 23-01-2023 to 29-01-2023 would be as follows:

All India transmission Loss (in %)	4.18
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Illustration:

- Sum of injection into the ISTS at regional nodes for previous week = 13780.42 MU
- Sum of drawal into the ISTS at regional nodes for previous week = 13236.44 MU
- Sum of injection into the ISTS at regional nodes by projects covered under Clause (1) of Regulation 13 for previous week = 767.10 MU
- Then, average all-India transmission loss for ISTS shall be $[(13780.42-13236.44)/(13780.42-767.10)] \times 100 = 4.18 \%$
- 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 %
09-01-2023 00:00	15825.10	16612.55	185.51	787.45	4.79
09-01-2023 00:15	15592.27	16393.80	175.18	801.53	4.94
09-01-2023 00:30	15412.21	16228.03	165.40	815.81	5.08
09-01-2023 00:45	15271.13	16093.86	165.16	822.74	5.17
09-01-2023 01:00	15034.34	15873.66	169.28	839.32	5.34
09-01-2023 01:15	14935.08	15780.76	169.48	845.68	5.42
09-01-2023 01:30	14953.92	15808.57	165.78	854.65	5.46
09-01-2023 01:45	14901.03	15760.64	170.72	859.60	5.51
09-01-2023 02:00	14697.20	15560.34	176.57	863.13	5.61
09-01-2023 02:15	14668.79	15547.39	177.69	878.60	5.72
09-01-2023 02:30	14589.25	15453.15	175.44	863.90	5.65
09-01-2023 02:45	14556.36	15442.17	172.04	885.81	5.80
09-01-2023 03:00	14536.31	15402.24	174.12	865.93	5.69
09-01-2023 03:15	14687.18	15553.00	178.48	865.83	5.63
09-01-2023 03:30	14671.53	15542.38	187.89	870.86	5.67
09-01-2023 03:45	14742.20	15597.36	197.05	855.15	5.55
09-01-2023 04:00	14820.02	15667.37	203.37	847.35	5.48
09-01-2023 04:15	15018.79	15882.41	201.61	863.61	5.51
09-01-2023 04:30	15123.07	15980.61	201.62	857.53	5.43
09-01-2023 04:45	15554.10	16428.05	197.67	873.95	5.38
09-01-2023 05:00	16317.14	17184.85	195.02	867.70	5.11
09-01-2023 05:15	17131.50	17993.52	195.30	862.02	4.84
09-01-2023 05:30	17730.49	18628.75	196.11	898.26	4.87
09-01-2023 05:45	18142.65	19039.57	198.75	896.92	4.76
09-01-2023 06:00	18398.59	19308.53	209.62	909.93	4.76
09-01-2023 06:15	19098.84	20007.56	222.07	908.73	4.59
09-01-2023 06:30	19665.56	20573.07	235.20	907.51	4.46
09-01-2023 06:45	20366.70	21318.16	255.71	951.45	4.52
09-01-2023 07:00	20879.42	21846.64	296.82	967.22	4.49
09-01-2023 07:15	21437.24	22427.02	356.51	989.78	4.48
09-01-2023 07:30	21804.33	22786.15	455.33	981.82	4.40
09-01-2023 07:45	21960.34	22895.12	611.57	934.78	4.19
09-01-2023 08:00	22144.17	23060.78	786.36	916.62	4.12
09-01-2023 08:15	22163.04	23090.98	1004.74	927.93	4.20
09-01-2023 08:30	22084.01	22989.30	1252.59	905.29	4.16
09-01-2023 08:45	21996.31	22883.67	1504.60	887.35	4.15
09-01-2023 09:00	22242.61	23136.15	1808.66	893.54	4.19

09-01-2023 09:15	22388.10	23264.30	2031.07	876.19	4.13
09-01-2023 09:30	22494.97	23375.82	2216.54	880.85	4.16
09-01-2023 09:45	22545.62	23422.39	2443.00	876.77	4.18
09-01-2023 10:00	22499.28	23370.82	2622.04	871.54	4.20
09-01-2023 10:15	22603.04	23475.00	2639.19	871.96	4.18
09-01-2023 10:30	22554.63	23461.66	2698.48	907.03	4.37
09-01-2023 10:45	22715.27	23571.24	2752.51	855.96	4.11
09-01-2023 11:00	22569.14	23448.30	2751.12	879.16	4.25
09-01-2023 11:15	22484.22	23345.63	2747.92	861.41	4.18
09-01-2023 11:30	22429.95	23262.11	2773.82	832.16	4.06
09-01-2023 11:45	22223.97	23052.91	2718.50	828.94	4.08
09-01-2023 12:00	22272.74	23078.36	2794.75	805.62	3.97
09-01-2023 12:15	22270.79	23063.65	2777.68	792.86	3.91
09-01-2023 12:30	22098.37	22874.87	2691.08	776.50	3.85
09-01-2023 12:45	22049.51	22809.06	2709.76	759.55	3.78
09-01-2023 13:00	21835.73	22555.93	2617.55	720.19	3.61
09-01-2023 13:15	21637.17	22408.32	2594.56	771.15	3.89
09-01-2023 13:30	21462.38	22238.44	2422.97	776.06	3.92
09-01-2023 13:45	21294.62	22028.33	2301.47	733.71	3.72
09-01-2023 14:00	21346.45	22081.08	2274.96	734.63	3.71
09-01-2023 14:15	21376.26	22103.61	2141.03	727.35	3.64
09-01-2023 14:30	21352.55	22095.95	2056.53	743.40	3.71
09-01-2023 14:45	21286.27	22021.65	1908.60	735.38	3.66
09-01-2023 15:00	21414.55	22145.50	1902.61	730.95	3.61
09-01-2023 15:15	21261.97	21992.65	1705.06	730.69	3.60
09-01-2023 15:30	21206.47	21948.42	1563.25	741.95	3.64
09-01-2023 15:45	21140.90	21887.09	1397.12	746.20	3.64
09-01-2023 16:00	21136.23	21898.25	1367.86	762.02	3.71
09-01-2023 16:15	21435.68	22195.06	1175.73	759.38	3.61
09-01-2023 16:30	21372.15	22152.54	958.19	780.38	3.68
09-01-2023 16:45	21400.08	22193.03	696.46	792.96	3.69
09-01-2023 17:00	21271.27	22069.00	490.67	797.73	3.70
09-01-2023 17:15	21615.79	22456.17	347.22	840.38	3.80
09-01-2023 17:30	21791.59	22626.62	229.43	835.03	3.73
09-01-2023 17:45	21892.13	22775.38	151.23	883.25	3.90
09-01-2023 18:00	21658.53	22511.70	111.29	853.18	3.81
09-01-2023 18:15	21861.88	22733.61	118.88	871.73	3.85
09-01-2023 18:30	21840.27	22692.28	127.56	852.01	3.78
09-01-2023 18:45	21523.20	22384.07	137.59	860.87	3.87
09-01-2023 19:00	21043.70	21835.26	153.04	791.56	3.65
09-01-2023 19:15	20657.58	21467.18	170.95	809.61	3.80
09-01-2023 19:30	20211.29	21052.46	188.54	841.17	4.03
09-01-2023 19:45	20080.45	20885.99	204.12	805.54	3.89
09-01-2023 20:00	19783.64	20602.70	222.24	819.06	4.02
09-01-2023 20:15	19681.91	20524.38	241.89	842.47	4.15

09-01-2023 20:30	19631.33	20476.89	259.97	845.56	4.18
09-01-2023 20:45	19400.95	20232.89	279.08	831.94	4.17
09-01-2023 21:00	19319.41	20173.69	291.66	854.28	4.30
09-01-2023 21:15	19039.12	19862.49	300.66	823.38	4.21
09-01-2023 21:30	18715.01	19554.32	311.95	839.31	4.36
09-01-2023 21:45	18431.07	19277.70	324.26	846.63	4.47
09-01-2023 22:00	18349.08	19180.28	333.35	831.20	4.41
09-01-2023 22:15	18159.98	18995.83	341.19	835.85	4.48
09-01-2023 22:30	17917.04	18758.98	345.80	841.93	4.57
09-01-2023 22:45	17824.24	18667.44	342.60	843.19	4.60
09-01-2023 23:00	17723.01	18581.74	342.23	858.73	4.71
09-01-2023 23:15	17570.27	18415.60	339.44	845.33	4.68
09-01-2023 23:30	17386.79	18225.25	325.44	838.47	4.68
09-01-2023 23:45	17158.99	18013.12	306.45	854.12	4.82
10-01-2023 00:00	16787.91	17611.63	290.27	823.72	4.76
10-01-2023 00:15	16579.22	17429.47	273.20	850.25	4.96
10-01-2023 00:30	16391.68	17256.45	264.96	864.76	5.09
10-01-2023 00:45	16352.46	17219.44	259.62	866.98	5.11
10-01-2023 01:00	16356.40	17259.71	251.42	903.32	5.31
10-01-2023 01:15	16309.65	17225.19	241.72	915.54	5.39
10-01-2023 01:30	16152.98	17041.91	237.09	888.93	5.29
10-01-2023 01:45	15935.42	16846.39	225.05	910.97	5.48
10-01-2023 02:00	15706.64	16597.82	212.99	891.18	5.44
10-01-2023 02:15	15725.26	16624.44	208.30	899.18	5.48
10-01-2023 02:30	15591.19	16485.77	205.37	894.58	5.49
10-01-2023 02:45	15529.08	16439.48	213.71	910.40	5.61
10-01-2023 03:00	15531.05	16428.22	235.31	897.17	5.54
10-01-2023 03:15	15623.98	16545.54	264.15	921.56	5.66
10-01-2023 03:30	15721.20	16628.75	292.82	907.55	5.56
10-01-2023 03:45	15728.37	16645.70	318.71	917.32	5.62
10-01-2023 04:00	15836.85	16737.23	331.03	900.39	5.49
10-01-2023 04:15	16122.34	17036.03	336.25	913.69	5.47
10-01-2023 04:30	16118.07	17011.72	332.85	893.65	5.36
10-01-2023 04:45	16327.90	17267.70	340.94	939.80	5.55
10-01-2023 05:00	16807.70	17691.89	357.10	884.20	5.10
10-01-2023 05:15	17400.80	18294.07	367.75	893.27	4.98
10-01-2023 05:30	17800.17	18699.57	380.82	899.40	4.91
10-01-2023 05:45	18076.14	19003.25	386.32	927.11	4.98
10-01-2023 06:00	18384.31	19282.34	386.90	898.03	4.75
10-01-2023 06:15	19014.36	19929.42	383.45	915.06	4.68
10-01-2023 06:30	19374.03	20298.28	374.24	924.24	4.64
10-01-2023 06:45	20198.07	21162.10	366.95	964.03	4.64
10-01-2023 07:00	20788.54	21758.83	378.14	970.29	4.54
10-01-2023 07:15	21275.17	22257.76	424.77	982.60	4.50
10-01-2023 07:30	21472.24	22462.65	516.42	990.40	4.51

10-01-2023 07:45	21620.78	22542.68	659.64	921.90	4.21
10-01-2023 08:00	21685.60	22589.42	854.45	903.82	4.16
10-01-2023 08:15	21888.34	22788.09	1094.51	899.74	4.15
10-01-2023 08:30	22110.04	22983.09	1369.29	873.05	4.04
10-01-2023 08:45	21838.89	22720.31	1655.21	881.42	4.18
10-01-2023 09:00	22012.31	22883.27	1926.08	870.96	4.16
10-01-2023 09:15	22060.20	22899.19	2157.00	838.99	4.04
10-01-2023 09:30	22082.41	22948.37	2363.97	865.97	4.21
10-01-2023 09:45	22142.91	22959.78	2539.30	816.86	4.00
10-01-2023 10:00	22392.28	23212.65	2721.48	820.37	4.00
10-01-2023 10:15	22362.95	23174.57	2873.48	811.62	4.00
10-01-2023 10:30	22375.47	23182.75	3000.76	807.28	4.00
10-01-2023 10:45	22467.00	23300.89	3108.41	833.89	4.13
10-01-2023 11:00	22487.95	23318.89	3198.79	830.94	4.13
10-01-2023 11:15	22446.03	23255.30	3269.39	809.27	4.05
10-01-2023 11:30	22483.65	23263.41	3321.49	779.76	3.91
10-01-2023 11:45	22426.06	23219.27	3355.26	793.21	3.99
10-01-2023 12:00	22271.57	23019.42	3377.35	747.84	3.81
10-01-2023 12:15	22254.32	23011.19	3387.69	756.87	3.86
10-01-2023 12:30	22316.91	23042.13	3391.49	725.22	3.69
10-01-2023 12:45	22249.54	22960.79	3390.75	711.24	3.63
10-01-2023 13:00	21989.54	22708.11	3379.72	718.57	3.72
10-01-2023 13:15	21915.37	22643.05	3359.44	727.69	3.77
10-01-2023 13:30	21942.82	22678.67	3317.18	735.86	3.80
10-01-2023 13:45	21872.71	22609.92	3259.99	737.22	3.81
10-01-2023 14:00	21675.87	22375.25	3179.74	699.39	3.64
10-01-2023 14:15	21700.34	22453.78	3067.13	753.44	3.89
10-01-2023 14:30	21905.93	22603.22	2933.81	697.29	3.55
10-01-2023 14:45	21851.14	22552.17	2783.70	701.03	3.55
10-01-2023 15:00	21662.40	22366.00	2614.76	703.61	3.56
10-01-2023 15:15	21619.49	22318.13	2432.07	698.64	3.51
10-01-2023 15:30	21627.33	22313.26	2227.05	685.93	3.41
10-01-2023 15:45	21548.10	22245.38	2012.59	697.28	3.45
10-01-2023 16:00	21232.64	21909.69	1775.91	677.05	3.36
10-01-2023 16:15	21247.17	21942.03	1522.10	694.86	3.40
10-01-2023 16:30	21223.55	21918.25	1250.79	694.70	3.36
10-01-2023 16:45	21216.30	21946.16	952.40	729.86	3.48
10-01-2023 17:00	21061.64	21795.97	660.81	734.33	3.47
10-01-2023 17:15	21320.02	22040.62	422.40	720.60	3.33
10-01-2023 17:30	21458.47	22201.09	251.85	742.62	3.38
10-01-2023 17:45	21487.83	22261.45	143.42	773.62	3.50
10-01-2023 18:00	21364.85	22123.62	105.51	758.77	3.45
10-01-2023 18:15	21453.94	22212.85	110.92	758.91	3.43
10-01-2023 18:30	21362.00	22125.01	119.23	763.01	3.47
10-01-2023 18:45	21088.56	21836.53	122.22	747.97	3.44

10-01-2023 19:00	20730.01	21489.07	124.38	759.06	3.55
10-01-2023 19:15	20320.84	21066.26	128.33	745.42	3.56
10-01-2023 19:30	20133.87	20890.16	136.07	756.29	3.64
10-01-2023 19:45	19871.87	20616.38	140.88	744.52	3.64
10-01-2023 20:00	19485.13	20238.30	146.40	753.17	3.75
10-01-2023 20:15	19405.86	20182.62	146.47	776.76	3.88
10-01-2023 20:30	19340.78	20109.85	149.43	769.07	3.85
10-01-2023 20:45	19212.59	20005.62	152.91	793.03	3.99
10-01-2023 21:00	19070.20	19866.54	155.18	796.34	4.04
10-01-2023 21:15	18752.13	19533.98	152.93	781.86	4.03
10-01-2023 21:30	18630.47	19402.73	153.55	772.26	4.01
10-01-2023 21:45	18427.01	19218.87	155.39	791.85	4.15
10-01-2023 22:00	18411.41	19185.69	162.98	774.28	4.07
10-01-2023 22:15	18311.58	19119.86	166.58	808.28	4.26
10-01-2023 22:30	18193.64	19002.65	168.96	809.01	4.30
10-01-2023 22:45	17966.36	18760.89	175.87	794.53	4.28
10-01-2023 23:00	17854.62	18650.67	181.98	796.05	4.31
10-01-2023 23:15	17801.87	18608.94	176.42	807.07	4.38
10-01-2023 23:30	17535.25	18314.86	166.35	779.61	4.30
10-01-2023 23:45	17341.70	18145.03	152.66	803.33	4.46
11-01-2023 00:00	17116.29	17909.14	144.44	792.85	4.46
11-01-2023 00:15	16890.13	17694.53	142.06	804.40	4.58
11-01-2023 00:30	16620.89	17437.75	142.52	816.87	4.72
11-01-2023 00:45	16514.26	17376.79	150.74	862.53	5.01
11-01-2023 01:00	16336.30	17178.20	162.14	841.90	4.95
11-01-2023 01:15	16198.62	17030.37	187.60	831.75	4.94
11-01-2023 01:30	16083.48	16924.31	212.67	840.84	5.03
11-01-2023 01:45	16029.76	16883.83	225.72	854.07	5.13
11-01-2023 02:00	15845.13	16671.52	237.16	826.39	5.03
11-01-2023 02:15	15914.67	16747.85	253.48	833.18	5.05
11-01-2023 02:30	15905.04	16733.39	274.49	828.36	5.03
11-01-2023 02:45	15814.36	16652.77	293.28	838.41	5.12
11-01-2023 03:00	15780.76	16614.65	306.89	833.88	5.11
11-01-2023 03:15	15853.54	16721.54	316.68	868.00	5.29
11-01-2023 03:30	15853.45	16706.17	327.17	852.72	5.21
11-01-2023 03:45	15850.96	16709.28	336.33	858.32	5.24
11-01-2023 04:00	16091.51	16945.61	335.35	854.10	5.14
11-01-2023 04:15	16374.92	17247.50	316.30	872.58	5.15
11-01-2023 04:30	16556.17	17419.71	304.13	863.54	5.05
11-01-2023 04:45	16878.70	17750.05	293.21	871.35	4.99
11-01-2023 05:00	17182.76	18039.10	295.86	856.34	4.83
11-01-2023 05:15	17821.33	18681.97	301.50	860.65	4.68
11-01-2023 05:30	18257.78	19121.53	304.44	863.75	4.59
11-01-2023 05:45	18664.88	19535.80	297.70	870.92	4.53
11-01-2023 06:00	18866.39	19742.92	279.84	876.52	4.50

11-01-2023 06:15	19382.91	20318.42	266.98	935.50	4.67
11-01-2023 06:30	19784.56	20714.27	247.95	929.71	4.54
11-01-2023 06:45	20502.72	21411.30	232.64	908.59	4.29
11-01-2023 07:00	20978.54	21916.14	246.37	937.60	4.33
11-01-2023 07:15	21460.87	22402.39	298.54	941.51	4.26
11-01-2023 07:30	21657.23	22577.35	382.58	920.12	4.15
11-01-2023 07:45	21734.74	22650.40	528.58	915.66	4.14
11-01-2023 08:00	21798.18	22654.75	717.28	856.58	3.90
11-01-2023 08:15	22253.14	23134.77	973.15	881.63	3.98
11-01-2023 08:30	22440.24	23290.21	1264.63	849.97	3.86
11-01-2023 08:45	22291.64	23126.82	1570.03	835.18	3.87
11-01-2023 09:00	22357.81	23175.94	1869.04	818.13	3.84
11-01-2023 09:15	22694.72	23534.57	2113.39	839.85	3.92
11-01-2023 09:30	22758.14	23611.25	2314.67	853.11	4.01
11-01-2023 09:45	22795.87	23632.60	2500.86	836.73	3.96
11-01-2023 10:00	22923.70	23733.66	2642.37	809.96	3.84
11-01-2023 10:15	23011.33	23856.43	2840.27	845.10	4.02
11-01-2023 10:30	22964.80	23878.55	2970.32	913.75	4.37
11-01-2023 10:45	23090.29	23933.27	3062.67	842.98	4.04
11-01-2023 11:00	22904.45	23705.96	3168.83	801.52	3.90
11-01-2023 11:15	22812.96	23619.59	3235.37	806.64	3.96
11-01-2023 11:30	22858.12	23647.89	3292.76	789.77	3.88
11-01-2023 11:45	22958.18	23702.46	3359.68	744.27	3.66
11-01-2023 12:00	22760.87	23543.59	3396.77	782.72	3.89
11-01-2023 12:15	22992.19	23721.96	3420.74	729.77	3.59
11-01-2023 12:30	22838.54	23599.88	3414.37	761.34	3.77
11-01-2023 12:45	22805.32	23518.01	3427.65	712.69	3.55
11-01-2023 13:00	22321.71	22975.45	3425.36	653.74	3.34
11-01-2023 13:15	22213.25	22919.18	3417.48	705.93	3.62
11-01-2023 13:30	22204.45	22918.56	3391.97	714.11	3.66
11-01-2023 13:45	22171.26	22893.70	3363.77	722.44	3.70
11-01-2023 14:00	21945.08	22661.77	3293.57	716.69	3.70
11-01-2023 14:15	22124.36	22829.71	3199.55	705.35	3.59
11-01-2023 14:30	22121.99	22846.40	3117.35	724.41	3.67
11-01-2023 14:45	22168.96	22876.22	3014.45	707.26	3.56
11-01-2023 15:00	21982.29	22691.27	2882.54	708.98	3.58
11-01-2023 15:15	22053.10	22752.37	2713.33	699.27	3.49
11-01-2023 15:30	22038.28	22743.81	2552.13	705.53	3.49
11-01-2023 15:45	21980.04	22693.50	2366.89	713.47	3.51
11-01-2023 16:00	21904.20	22637.46	2140.14	733.26	3.58
11-01-2023 16:15	22050.16	22779.58	1889.26	729.42	3.49
11-01-2023 16:30	22018.15	22728.22	1626.18	710.08	3.36
11-01-2023 16:45	22021.80	22786.00	1359.77	764.20	3.57
11-01-2023 17:00	21688.08	22467.55	1077.19	779.47	3.64
11-01-2023 17:15	21999.16	22741.14	856.17	741.98	3.39

11-01-2023 17:30	22014.62	22767.70	702.79	753.08	3.41
11-01-2023 17:45	22111.44	22887.79	578.29	776.35	3.48
11-01-2023 18:00	21857.12	22637.19	505.01	780.07	3.52
11-01-2023 18:15	22137.27	22933.17	485.89	795.90	3.55
11-01-2023 18:30	22077.33	22902.87	470.10	825.54	3.68
11-01-2023 18:45	21792.03	22624.91	460.82	832.88	3.76
11-01-2023 19:00	21328.86	22143.49	465.97	814.63	3.76
11-01-2023 19:15	21113.00	21911.67	477.33	798.67	3.73
11-01-2023 19:30	20758.16	21574.20	478.11	816.04	3.87
11-01-2023 19:45	20549.35	21375.34	493.86	825.98	3.96
11-01-2023 20:00	20410.94	21176.15	504.22	765.21	3.70
11-01-2023 20:15	20283.91	21083.69	511.27	799.79	3.89
11-01-2023 20:30	20142.54	20949.92	520.47	807.39	3.95
11-01-2023 20:45	19815.95	20662.31	522.82	846.36	4.20
11-01-2023 21:00	19554.35	20387.52	535.58	833.17	4.20
11-01-2023 21:15	19132.63	19937.49	546.64	804.86	4.15
11-01-2023 21:30	18882.34	19691.63	555.39	809.29	4.23
11-01-2023 21:45	18649.79	19435.33	561.13	785.54	4.16
11-01-2023 22:00	18582.89	19394.89	561.77	812.00	4.31
11-01-2023 22:15	18592.80	19404.21	560.14	811.41	4.31
11-01-2023 22:30	18235.04	19068.92	558.22	833.88	4.50
11-01-2023 22:45	18028.25	18883.59	550.09	855.33	4.67
11-01-2023 23:00	17789.48	18602.87	538.69	813.39	4.50
11-01-2023 23:15	17543.32	18369.18	536.45	825.86	4.63
11-01-2023 23:30	17331.75	18145.04	546.31	813.30	4.62
11-01-2023 23:45	17161.96	17955.72	559.19	793.76	4.56
12-01-2023 00:00	16823.87	17638.25	564.63	814.38	4.77
12-01-2023 00:15	16532.29	17376.43	565.02	844.13	5.02
12-01-2023 00:30	16461.76	17283.23	563.74	821.47	4.91
12-01-2023 00:45	16499.51	17357.34	549.24	857.83	5.10
12-01-2023 01:00	16432.58	17299.19	535.20	866.61	5.17
12-01-2023 01:15	16284.53	17158.02	521.16	873.48	5.25
12-01-2023 01:30	16157.20	17011.75	500.16	854.55	5.18
12-01-2023 01:45	16150.95	17019.13	493.66	868.18	5.25
12-01-2023 02:00	16004.20	16844.06	488.69	839.86	5.14
12-01-2023 02:15	16023.32	16917.35	484.57	894.02	5.44
12-01-2023 02:30	16044.87	16903.35	484.79	858.48	5.23
12-01-2023 02:45	16007.35	16890.03	482.18	882.67	5.38
12-01-2023 03:00	15981.33	16844.33	478.89	862.99	5.27
12-01-2023 03:15	16115.27	16993.37	467.08	878.10	5.31
12-01-2023 03:30	16072.01	16975.84	461.56	903.84	5.47
12-01-2023 03:45	15998.33	16898.20	448.17	899.87	5.47
12-01-2023 04:00	16183.51	17098.55	426.09	915.04	5.49
12-01-2023 04:15	16360.25	17282.67	404.01	922.42	5.47
12-01-2023 04:30	16614.40	17547.36	379.55	932.96	5.43

12-01-2023 04:45	16868.17	17800.88	362.69	932.71	5.35
12-01-2023 05:00	17216.82	18136.98	351.35	920.16	5.17
12-01-2023 05:15	17737.92	18665.89	339.12	927.97	5.06
12-01-2023 05:30	18146.73	19106.78	331.01	960.05	5.11
12-01-2023 05:45	18601.17	19593.52	329.25	992.35	5.15
12-01-2023 06:00	18948.71	19923.03	324.71	974.32	4.97
12-01-2023 06:15	19434.13	20434.69	324.26	1000.56	4.98
12-01-2023 06:30	19993.83	20998.58	341.36	1004.76	4.86
12-01-2023 06:45	20659.68	21710.23	357.36	1050.55	4.92
12-01-2023 07:00	21139.68	22164.25	397.22	1024.57	4.71
12-01-2023 07:15	21608.65	22670.06	460.43	1061.40	4.78
12-01-2023 07:30	21833.73	22862.79	555.45	1029.06	4.61
12-01-2023 07:45	22030.20	23043.46	695.35	1013.27	4.53
12-01-2023 08:00	21995.76	22939.07	875.03	943.31	4.28
12-01-2023 08:15	22263.79	23224.47	1085.62	960.67	4.34
12-01-2023 08:30	22443.41	23367.71	1319.93	924.30	4.19
12-01-2023 08:45	22449.95	23347.17	1550.79	897.21	4.12
12-01-2023 09:00	22651.99	23531.72	1766.64	879.74	4.04
12-01-2023 09:15	22786.64	23664.03	1965.44	877.39	4.04
12-01-2023 09:30	22877.93	23729.05	2143.58	851.12	3.94
12-01-2023 09:45	22845.37	23698.10	2326.70	852.74	3.99
12-01-2023 10:00	22937.61	23801.51	2505.45	863.89	4.06
12-01-2023 10:15	23229.94	24090.29	2667.37	860.36	4.02
12-01-2023 10:30	23189.55	24034.96	2810.93	845.41	3.98
12-01-2023 10:45	23184.63	24009.15	2930.90	824.52	3.91
12-01-2023 11:00	23150.13	23948.98	3042.37	798.85	3.82
12-01-2023 11:15	23025.77	23867.59	3124.41	841.82	4.06
12-01-2023 11:30	23020.79	23841.20	3202.10	820.41	3.98
12-01-2023 11:45	23072.10	23857.65	3281.33	785.54	3.82
12-01-2023 12:00	22801.87	23537.90	3342.97	736.03	3.64
12-01-2023 12:15	22985.88	23719.06	3379.87	733.18	3.60
12-01-2023 12:30	22976.09	23703.98	3386.76	727.90	3.58
12-01-2023 12:45	22807.62	23530.43	3408.01	722.81	3.59
12-01-2023 13:00	22532.98	23191.75	3398.37	658.77	3.33
12-01-2023 13:15	22375.41	23066.29	3399.46	690.88	3.51
12-01-2023 13:30	22433.76	23141.21	3412.23	707.45	3.59
12-01-2023 13:45	22506.77	23221.27	3411.42	714.50	3.61
12-01-2023 14:00	22325.26	23022.04	3375.13	696.78	3.55
12-01-2023 14:15	22487.35	23194.26	3293.14	706.91	3.55
12-01-2023 14:30	22567.57	23263.49	3191.69	695.92	3.47
12-01-2023 14:45	22650.86	23356.92	3073.27	706.06	3.48
12-01-2023 15:00	22384.17	23104.95	2917.79	720.78	3.57
12-01-2023 15:15	22344.17	23043.74	2739.47	699.57	3.45
12-01-2023 15:30	22207.14	22895.54	2540.77	688.40	3.38
12-01-2023 15:45	22142.35	22834.45	2326.94	692.10	3.37

12-01-2023 16:00	21790.68	22434.97	2082.58	644.28	3.17
12-01-2023 16:15	22019.87	22759.66	1826.39	739.80	3.53
12-01-2023 16:30	21981.74	22681.74	1564.34	700.00	3.31
12-01-2023 16:45	21815.04	22539.76	1311.76	724.72	3.41
12-01-2023 17:00	21627.32	22387.92	1071.14	760.60	3.57
12-01-2023 17:15	21894.92	22659.06	854.43	764.14	3.50
12-01-2023 17:30	22092.82	22866.37	682.66	773.56	3.49
12-01-2023 17:45	22231.25	23029.44	561.96	798.19	3.55
12-01-2023 18:00	21905.30	22668.98	491.82	763.68	3.44
12-01-2023 18:15	22111.87	22900.20	472.65	788.33	3.52
12-01-2023 18:30	22032.20	22829.39	470.12	797.19	3.57
12-01-2023 18:45	21815.76	22607.90	473.70	792.13	3.58
12-01-2023 19:00	21427.30	22233.01	473.99	805.71	3.70
12-01-2023 19:15	21131.48	21939.15	472.39	807.68	3.76
12-01-2023 19:30	20760.45	21552.54	481.04	792.08	3.76
12-01-2023 19:45	20309.07	21099.62	496.08	790.56	3.84
12-01-2023 20:00	20124.03	20921.26	518.30	797.23	3.91
12-01-2023 20:15	19978.20	20756.28	541.67	778.09	3.85
12-01-2023 20:30	19971.06	20803.74	560.88	832.68	4.11
12-01-2023 20:45	19873.56	20692.72	574.88	819.16	4.07
12-01-2023 21:00	19723.97	20500.84	584.75	776.87	3.90
12-01-2023 21:15	19579.11	20405.32	595.36	826.21	4.17
12-01-2023 21:30	19272.46	20103.07	603.99	830.61	4.26
12-01-2023 21:45	19017.87	19818.80	617.29	800.93	4.17
12-01-2023 22:00	18864.30	19659.57	620.85	795.27	4.18
12-01-2023 22:15	18780.33	19588.95	614.66	808.62	4.26
12-01-2023 22:30	18612.98	19437.24	602.49	824.26	4.38
12-01-2023 22:45	18364.30	19205.82	592.22	841.52	4.52
12-01-2023 23:00	18059.83	18880.15	585.93	820.32	4.48
12-01-2023 23:15	17859.73	18681.72	568.14	821.99	4.54
12-01-2023 23:30	17583.51	18395.30	546.89	811.79	4.55
12-01-2023 23:45	17256.84	18065.00	525.56	808.17	4.61
13-01-2023 00:00	17107.57	17930.90	512.53	823.34	4.73
13-01-2023 00:15	16888.43	17739.89	493.63	851.46	4.94
13-01-2023 00:30	16737.17	17593.20	472.81	856.03	5.00
13-01-2023 00:45	16559.61	17430.28	451.98	870.67	5.13
13-01-2023 01:00	16359.37	17212.92	436.09	853.56	5.09
13-01-2023 01:15	16255.56	17108.82	419.86	853.26	5.11
13-01-2023 01:30	16150.18	17017.65	405.02	867.47	5.22
13-01-2023 01:45	15949.14	16832.92	390.68	883.78	5.38
13-01-2023 02:00	15770.87	16645.83	378.77	874.96	5.38
13-01-2023 02:15	15779.67	16658.04	372.77	878.37	5.39
13-01-2023 02:30	15731.62	16611.50	372.97	879.88	5.42
13-01-2023 02:45	15781.16	16654.59	366.12	873.43	5.36
13-01-2023 03:00	15726.50	16593.94	352.53	867.44	5.34

13-01-2023 03:15	15821.51	16698.49	338.43	876.98	5.36
13-01-2023 03:30	15915.89	16813.99	331.94	898.11	5.45
13-01-2023 03:45	15967.25	16847.40	320.43	880.15	5.33
13-01-2023 04:00	16102.18	16996.26	312.85	894.08	5.36
13-01-2023 04:15	16366.77	17305.65	306.03	938.88	5.52
13-01-2023 04:30	16562.09	17472.35	299.38	910.26	5.30
13-01-2023 04:45	16829.11	17773.72	293.04	944.61	5.40
13-01-2023 05:00	17294.78	18224.48	280.68	929.70	5.18
13-01-2023 05:15	17861.00	18793.65	264.62	932.65	5.03
13-01-2023 05:30	18281.93	19222.10	245.47	940.17	4.95
13-01-2023 05:45	18488.42	19438.24	225.14	949.82	4.94
13-01-2023 06:00	18979.50	19927.47	208.78	947.98	4.81
13-01-2023 06:15	19477.07	20485.94	199.32	1008.87	4.97
13-01-2023 06:30	19827.53	20830.11	187.41	1002.58	4.86
13-01-2023 06:45	20573.27	21603.55	187.22	1030.28	4.81
13-01-2023 07:00	20962.52	21966.42	212.76	1003.90	4.61
13-01-2023 07:15	21522.64	22518.47	269.70	995.83	4.48
13-01-2023 07:30	21612.98	22619.31	340.41	1006.34	4.52
13-01-2023 07:45	21763.85	22724.80	439.28	960.96	4.31
13-01-2023 08:00	21966.20	22878.57	561.37	912.37	4.09
13-01-2023 08:15	22342.34	23276.93	670.72	934.59	4.13
13-01-2023 08:30	22322.89	23195.55	780.91	872.67	3.89
13-01-2023 08:45	22125.51	22991.15	938.12	865.64	3.93
13-01-2023 09:00	22263.40	23087.59	1074.52	824.19	3.74
13-01-2023 09:15	22305.97	23109.18	1198.19	803.21	3.67
13-01-2023 09:30	22387.08	23233.87	1366.46	846.80	3.87
13-01-2023 09:45	22591.39	23426.41	1498.41	835.02	3.81
13-01-2023 10:00	22712.06	23523.92	1610.05	811.87	3.70
13-01-2023 10:15	22709.25	23514.57	1763.42	805.32	3.70
13-01-2023 10:30	22721.47	23515.92	1862.55	794.44	3.67
13-01-2023 10:45	22757.08	23561.82	1926.67	804.74	3.72
13-01-2023 11:00	22707.18	23506.93	2056.46	799.75	3.73
13-01-2023 11:15	22656.11	23431.03	2278.82	774.91	3.66
13-01-2023 11:30	22672.54	23458.18	2459.08	785.64	3.74
13-01-2023 11:45	22779.36	23560.77	2552.65	781.41	3.72
13-01-2023 12:00	22667.24	23418.79	2626.80	751.56	3.61
13-01-2023 12:15	22824.35	23608.15	2695.05	783.80	3.75
13-01-2023 12:30	22821.27	23588.48	2772.43	767.21	3.69
13-01-2023 12:45	22788.15	23546.83	2851.77	758.68	3.67
13-01-2023 13:00	22344.15	23081.83	2886.16	737.68	3.65
13-01-2023 13:15	22411.39	23145.35	2944.59	733.96	3.63
13-01-2023 13:30	22385.06	23088.97	3039.00	703.91	3.51
13-01-2023 13:45	22307.41	23049.18	3048.25	741.77	3.71
13-01-2023 14:00	22097.83	22819.91	2960.88	722.08	3.64
13-01-2023 14:15	22161.19	22889.33	2858.88	728.14	3.64

13-01-2023 14:30	22153.93	22898.54	2782.41	744.60	3.70
13-01-2023 14:45	22267.77	22995.85	2641.37	728.09	3.58
13-01-2023 15:00	22003.31	22718.42	2519.75	715.11	3.54
13-01-2023 15:15	21966.96	22692.26	2371.96	725.30	3.57
13-01-2023 15:30	21865.73	22577.31	2169.12	711.57	3.49
13-01-2023 15:45	21681.42	22426.13	1965.73	744.71	3.64
13-01-2023 16:00	21540.30	22264.41	1742.96	724.11	3.53
13-01-2023 16:15	21601.00	22361.52	1513.61	760.52	3.65
13-01-2023 16:30	21579.56	22325.37	1266.76	745.81	3.54
13-01-2023 16:45	21584.19	22340.34	978.18	756.16	3.54
13-01-2023 17:00	21208.73	22019.99	701.60	811.26	3.81
13-01-2023 17:15	21416.14	22214.48	490.41	798.34	3.67
13-01-2023 17:30	21732.08	22539.66	337.59	807.58	3.64
13-01-2023 17:45	21884.86	22688.60	222.81	803.75	3.58
13-01-2023 18:00	21496.89	22294.66	173.95	797.77	3.61
13-01-2023 18:15	21500.84	22294.92	177.34	794.09	3.59
13-01-2023 18:30	21736.52	22532.67	181.06	796.16	3.56
13-01-2023 18:45	21503.63	22324.84	203.66	821.21	3.71
13-01-2023 19:00	21176.85	22013.05	217.27	836.20	3.84
13-01-2023 19:15	20774.55	21556.81	225.89	782.26	3.67
13-01-2023 19:30	20283.53	21098.20	235.76	814.67	3.90
13-01-2023 19:45	19981.85	20803.87	238.95	822.02	4.00
13-01-2023 20:00	19807.78	20625.15	239.07	817.37	4.01
13-01-2023 20:15	19779.90	20601.56	238.29	821.66	4.04
13-01-2023 20:30	19674.71	20500.54	236.00	825.83	4.08
13-01-2023 20:45	19375.84	20207.13	233.75	831.29	4.16
13-01-2023 21:00	19305.33	20120.55	241.89	815.22	4.10
13-01-2023 21:15	19274.91	20083.29	246.45	808.38	4.08
13-01-2023 21:30	18943.27	19760.67	245.32	817.40	4.19
13-01-2023 21:45	18811.27	19666.71	252.58	855.44	4.41
13-01-2023 22:00	18842.87	19630.71	268.20	787.84	4.07
13-01-2023 22:15	18839.35	19683.15	283.72	843.80	4.35
13-01-2023 22:30	18478.94	19343.92	302.80	864.98	4.54
13-01-2023 22:45	18331.49	19190.02	319.07	858.53	4.55
13-01-2023 23:00	18105.04	18930.84	327.46	825.81	4.44
13-01-2023 23:15	18048.23	18869.04	334.60	820.81	4.43
13-01-2023 23:30	17745.13	18583.61	338.01	838.48	4.60
13-01-2023 23:45	17542.20	18372.71	351.73	830.51	4.61
14-01-2023 00:00	17337.52	18169.49	364.63	831.97	4.67
14-01-2023 00:15	17017.46	17906.79	382.01	889.33	5.07
14-01-2023 00:30	16897.84	17764.15	399.38	866.31	4.99
14-01-2023 00:45	16788.37	17650.38	405.95	862.01	5.00
14-01-2023 01:00	16548.29	17413.75	416.61	865.46	5.09
14-01-2023 01:15	16517.17	17391.64	434.07	874.47	5.16
14-01-2023 01:30	16388.49	17269.98	437.65	881.49	5.24

14-01-2023 01:45	16266.19	17152.77	440.11	886.58	5.30
14-01-2023 02:00	16023.41	16897.67	455.21	874.26	5.32
14-01-2023 02:15	15996.55	16892.72	466.04	896.18	5.46
14-01-2023 02:30	15844.42	16727.85	480.30	883.43	5.44
14-01-2023 02:45	15767.98	16622.53	488.08	854.55	5.30
14-01-2023 03:00	15712.87	16594.14	493.81	881.27	5.47
14-01-2023 03:15	15762.60	16687.22	485.08	924.62	5.71
14-01-2023 03:30	15867.65	16812.75	466.40	945.10	5.78
14-01-2023 03:45	16032.95	16965.50	448.39	932.54	5.65
14-01-2023 04:00	16236.67	17140.48	434.43	903.81	5.41
14-01-2023 04:15	16545.57	17480.65	421.92	935.09	5.48
14-01-2023 04:30	16743.45	17667.28	412.11	923.83	5.35
14-01-2023 04:45	16985.32	17929.55	409.33	944.23	5.39
14-01-2023 05:00	17418.18	18332.60	407.71	914.43	5.10
14-01-2023 05:15	18161.05	19079.86	416.11	918.81	4.92
14-01-2023 05:30	18578.38	19512.62	425.77	934.24	4.89
14-01-2023 05:45	19001.80	19954.79	429.23	952.98	4.88
14-01-2023 06:00	19199.19	20131.38	426.89	932.19	4.73
14-01-2023 06:15	19911.83	20884.86	423.26	973.03	4.76
14-01-2023 06:30	20092.68	21047.30	413.41	954.62	4.63
14-01-2023 06:45	20589.90	21597.13	414.28	1007.22	4.75
14-01-2023 07:00	21019.59	21963.36	445.72	943.77	4.39
14-01-2023 07:15	21325.46	22266.15	497.71	940.69	4.32
14-01-2023 07:30	21485.13	22424.15	600.30	939.02	4.30
14-01-2023 07:45	21658.03	22541.89	749.10	883.86	4.06
14-01-2023 08:00	21925.33	22790.35	934.75	865.02	3.96
14-01-2023 08:15	22189.00	23018.30	1170.78	829.29	3.80
14-01-2023 08:30	22205.05	23034.08	1457.73	829.04	3.84
14-01-2023 08:45	22198.83	23016.00	1748.61	817.17	3.84
14-01-2023 09:00	22596.22	23393.70	1997.08	797.48	3.73
14-01-2023 09:15	22713.12	23514.34	2170.94	801.22	3.75
14-01-2023 09:30	22960.62	23725.92	2358.49	765.30	3.58
14-01-2023 09:45	22978.26	23748.12	2538.83	769.86	3.63
14-01-2023 10:00	23069.22	23838.87	2727.04	769.64	3.65
14-01-2023 10:15	22919.66	23690.80	2912.51	771.14	3.71
14-01-2023 10:30	22900.13	23645.84	3069.66	745.71	3.62
14-01-2023 10:45	22857.96	23604.56	3192.78	746.60	3.66
14-01-2023 11:00	22754.38	23474.17	3267.36	719.79	3.56
14-01-2023 11:15	22672.58	23405.02	3264.39	732.44	3.64
14-01-2023 11:30	22445.43	23183.30	3284.82	737.87	3.71
14-01-2023 11:45	22392.92	23112.85	3319.34	719.93	3.64
14-01-2023 12:00	22097.03	22804.14	3276.39	707.11	3.62
14-01-2023 12:15	22232.28	22937.03	3321.78	704.75	3.59
14-01-2023 12:30	21805.21	22522.15	3384.21	716.94	3.75
14-01-2023 12:45	21544.42	22241.62	3404.52	697.20	3.70

14-01-2023 13:00	21031.43	21682.77	3240.67	651.34	3.53
14-01-2023 13:15	20827.91	21525.58	3248.85	697.66	3.82
14-01-2023 13:30	20852.54	21553.59	3246.94	701.05	3.83
14-01-2023 13:45	20756.30	21475.10	3199.97	718.80	3.93
14-01-2023 14:00	20575.41	21245.05	3168.58	669.64	3.70
14-01-2023 14:15	20701.62	21389.50	3170.30	687.88	3.78
14-01-2023 14:30	20752.16	21445.17	3056.59	693.01	3.77
14-01-2023 14:45	20620.27	21297.96	2780.68	677.69	3.66
14-01-2023 15:00	20500.37	21202.73	2445.71	702.37	3.74
14-01-2023 15:15	20163.96	20878.20	1700.44	714.24	3.72
14-01-2023 15:30	20236.25	20938.42	1477.21	702.17	3.61
14-01-2023 15:45	20234.67	20965.86	1360.35	731.19	3.73
14-01-2023 16:00	20296.64	21012.95	1262.90	716.31	3.63
14-01-2023 16:15	20668.75	21389.69	1150.79	720.95	3.56
14-01-2023 16:30	20931.41	21652.42	1121.96	721.01	3.51
14-01-2023 16:45	21031.27	21764.44	999.97	733.17	3.53
14-01-2023 17:00	20605.20	21352.36	763.22	747.16	3.63
14-01-2023 17:15	20621.99	21408.61	544.02	786.62	3.77
14-01-2023 17:30	20742.87	21494.53	377.05	751.66	3.56
14-01-2023 17:45	20785.59	21551.60	275.37	766.00	3.60
14-01-2023 18:00	20675.28	21400.10	220.08	724.82	3.42
14-01-2023 18:15	20849.44	21586.40	223.99	736.96	3.45
14-01-2023 18:30	20989.18	21759.19	239.60	770.01	3.58
14-01-2023 18:45	20850.62	21629.39	258.60	778.77	3.64
14-01-2023 19:00	20555.55	21315.47	286.14	759.93	3.61
14-01-2023 19:15	20247.16	21024.44	315.28	777.29	3.75
14-01-2023 19:30	19865.49	20622.13	347.11	756.64	3.73
14-01-2023 19:45	19438.48	20191.69	398.01	753.21	3.81
14-01-2023 20:00	19249.18	20048.29	439.17	799.12	4.08
14-01-2023 20:15	19239.99	20029.05	458.20	789.06	4.03
14-01-2023 20:30	19126.63	19881.43	454.13	754.81	3.89
14-01-2023 20:45	18902.03	19679.78	449.73	777.75	4.04
14-01-2023 21:00	18580.99	19346.30	454.60	765.30	4.05
14-01-2023 21:15	18374.54	19137.35	455.13	762.81	4.08
14-01-2023 21:30	18002.74	18807.99	462.44	805.25	4.39
14-01-2023 21:45	17663.99	18434.04	467.18	770.05	4.29
14-01-2023 22:00	17513.34	18233.98	471.52	720.64	4.06
14-01-2023 22:15	17419.23	18138.67	477.66	719.44	4.07
14-01-2023 22:30	17032.91	17765.18	464.07	732.27	4.23
14-01-2023 22:45	16615.09	17324.44	457.55	709.35	4.21
14-01-2023 23:00	16306.39	17030.89	466.25	724.50	4.37
14-01-2023 23:15	16189.55	16944.21	468.51	754.67	4.58
14-01-2023 23:30	16031.84	16762.20	465.84	730.36	4.48
14-01-2023 23:45	15900.90	16650.08	473.78	749.18	4.63
15-01-2023 00:00	15811.98	16544.05	479.41	732.06	4.56

15-01-2023 00:15	15827.96	16581.41	484.24	753.45	4.68
15-01-2023 00:30	15757.15	16509.14	484.06	751.99	4.69
15-01-2023 00:45	15626.03	16387.01	481.13	760.98	4.78
15-01-2023 01:00	15370.50	16125.28	487.20	754.79	4.83
15-01-2023 01:15	15188.54	15950.36	489.12	761.83	4.93
15-01-2023 01:30	15028.86	15796.03	501.58	767.17	5.02
15-01-2023 01:45	14973.20	15750.29	502.22	777.09	5.10
15-01-2023 02:00	14784.30	15553.80	503.33	769.50	5.11
15-01-2023 02:15	14853.35	15631.25	505.59	777.90	5.14
15-01-2023 02:30	14840.03	15610.53	516.53	770.50	5.10
15-01-2023 02:45	14789.82	15574.48	528.37	784.66	5.22
15-01-2023 03:00	14765.55	15537.97	536.60	772.42	5.15
15-01-2023 03:15	14838.48	15625.25	545.54	786.78	5.22
15-01-2023 03:30	14884.61	15670.13	562.44	785.51	5.20
15-01-2023 03:45	14900.55	15684.58	565.02	784.03	5.19
15-01-2023 04:00	15084.16	15867.81	560.81	783.65	5.12
15-01-2023 04:15	15425.62	16231.36	557.77	805.75	5.14
15-01-2023 04:30	15535.11	16346.26	549.23	811.15	5.13
15-01-2023 04:45	15815.09	16617.61	529.16	802.52	4.99
15-01-2023 05:00	16359.56	17156.42	510.31	796.86	4.79
15-01-2023 05:15	17084.86	17932.82	488.97	847.95	4.86
15-01-2023 05:30	17468.93	18320.78	471.88	851.85	4.77
15-01-2023 05:45	17838.37	18684.53	447.43	846.16	4.64
15-01-2023 06:00	18040.15	18858.18	426.07	818.03	4.44
15-01-2023 06:15	18765.29	19614.45	415.00	849.16	4.42
15-01-2023 06:30	19481.79	20340.79	403.82	859.00	4.31
15-01-2023 06:45	20203.80	21054.34	407.78	850.54	4.12
15-01-2023 07:00	20805.68	21644.79	447.01	839.10	3.96
15-01-2023 07:15	21082.44	21940.02	495.20	857.59	4.00
15-01-2023 07:30	21334.84	22184.52	547.08	849.68	3.93
15-01-2023 07:45	21776.49	22617.16	718.90	840.67	3.84
15-01-2023 08:00	21939.68	22737.06	941.74	797.38	3.66
15-01-2023 08:15	22060.48	22848.23	1165.35	787.75	3.63
15-01-2023 08:30	22114.30	22837.53	1490.71	723.22	3.39
15-01-2023 08:45	22192.25	22915.62	1812.99	723.36	3.43
15-01-2023 09:00	22412.72	23126.87	2112.14	714.16	3.40
15-01-2023 09:15	22670.54	23399.72	2329.91	729.18	3.46
15-01-2023 09:30	22837.64	23584.89	2502.64	747.24	3.54
15-01-2023 09:45	22839.44	23595.58	2659.26	756.14	3.61
15-01-2023 10:00	22819.29	23562.82	2825.56	743.53	3.59
15-01-2023 10:15	22872.13	23536.12	3001.95	663.99	3.23
15-01-2023 10:30	22710.30	23382.52	3167.59	672.22	3.33
15-01-2023 10:45	22493.50	23188.81	3298.67	695.32	3.50
15-01-2023 11:00	22133.25	22811.95	3377.74	678.70	3.49
15-01-2023 11:15	22063.21	22721.33	3373.82	658.13	3.40

15-01-2023 11:30	21774.43	22452.82	3357.79	678.39	3.55
15-01-2023 11:45	21602.34	22289.39	3364.60	687.06	3.63
15-01-2023 12:00	21222.52	21850.75	3350.37	628.24	3.40
15-01-2023 12:15	21144.33	21803.44	3339.86	659.11	3.57
15-01-2023 12:30	20873.72	21525.54	3326.40	651.82	3.58
15-01-2023 12:45	20576.80	21240.82	3310.89	664.01	3.70
15-01-2023 13:00	20421.55	21059.96	3290.33	638.41	3.59
15-01-2023 13:15	20314.17	20954.07	3237.19	639.90	3.61
15-01-2023 13:30	20001.67	20646.51	3254.51	644.84	3.71
15-01-2023 13:45	19861.20	20539.68	3252.99	678.48	3.92
15-01-2023 14:00	19672.11	20296.27	3217.35	624.16	3.65
15-01-2023 14:15	19659.37	20299.10	3156.17	639.73	3.73
15-01-2023 14:30	19667.41	20329.92	3058.96	662.51	3.84
15-01-2023 14:45	19729.19	20380.36	2929.75	651.17	3.73
15-01-2023 15:00	19688.41	20325.81	2731.39	637.40	3.62
15-01-2023 15:15	19824.25	20522.93	2649.44	698.67	3.91
15-01-2023 15:30	19942.13	20605.68	2479.13	663.55	3.66
15-01-2023 15:45	20015.25	20699.05	2253.99	683.80	3.71
15-01-2023 16:00	19830.62	20491.59	1963.41	660.96	3.57
15-01-2023 16:15	19952.60	20646.14	1681.27	693.54	3.66
15-01-2023 16:30	20119.91	20794.19	1484.91	674.28	3.49
15-01-2023 16:45	20293.54	20986.24	1163.72	692.70	3.49
15-01-2023 17:00	19926.39	20633.50	853.48	707.12	3.57
15-01-2023 17:15	20216.18	20900.92	603.63	684.75	3.37
15-01-2023 17:30	20435.26	21122.89	374.36	687.63	3.31
15-01-2023 17:45	20696.93	21408.99	220.74	712.06	3.36
15-01-2023 18:00	20406.27	21071.60	152.77	665.33	3.18
15-01-2023 18:15	20429.26	21122.73	146.70	693.46	3.31
15-01-2023 18:30	20299.10	20975.93	155.70	676.84	3.25
15-01-2023 18:45	20249.83	20946.41	163.75	696.58	3.35
15-01-2023 19:00	19882.15	20562.97	174.74	680.81	3.34
15-01-2023 19:15	19858.28	20581.11	175.03	722.83	3.54
15-01-2023 19:30	19567.52	20274.30	177.80	706.77	3.52
15-01-2023 19:45	19328.01	20041.29	180.66	713.28	3.59
15-01-2023 20:00	19090.68	19774.21	191.28	683.53	3.49
15-01-2023 20:15	18778.99	19511.70	195.85	732.71	3.79
15-01-2023 20:30	18464.85	19206.60	188.28	741.76	3.90
15-01-2023 20:45	18183.81	18916.22	179.49	732.41	3.91
15-01-2023 21:00	17884.76	18591.75	174.52	706.99	3.84
15-01-2023 21:15	17757.64	18463.80	169.93	706.17	3.86
15-01-2023 21:30	17446.28	18166.16	168.98	719.87	4.00
15-01-2023 21:45	17204.73	17915.40	167.63	710.67	4.00
15-01-2023 22:00	17412.44	18114.01	172.25	701.57	3.91
15-01-2023 22:15	17408.99	18124.75	183.91	715.76	3.99
15-01-2023 22:30	17091.11	17793.35	198.17	702.24	3.99

15-01-2023 22:45	16648.32	17346.24	204.51	697.92	4.07
15-01-2023 23:00	16306.42	16975.77	209.30	669.35	3.99
15-01-2023 23:15	16072.62	16760.77	217.86	688.15	4.16
15-01-2023 23:30	15771.87	16456.43	224.55	684.56	4.22
15-01-2023 23:45	15549.88	16278.35	223.79	728.48	4.54
Total (in MU)	13236.44	13780.42	767.10	543.98	