

**Grid Controller Of India Limited**  
**National Load Despatch Centre**

**Applicable Transmission Loss**

**Revision No: 0**

**Date: 21.12.2024**

It is to inform that Hon'ble CERC has notified CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020 on 04<sup>th</sup> May,2020; w.e.f. 1<sup>st</sup> 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 23-12-2024 to 29-12-2024 would be as follows:

All India transmission Loss (in %)	3.80
------------------------------------	------

Illustration:

- a. Sum of injection into the ISTS at regional nodes for previous week = 14293.63 MU
- b. Sum of drawal into the ISTS at regional nodes for previous week = 13787.50 MU
- c. Sum of injection into the ISTS at regional nodes by projects covered under Clause (1) of Regulation 13 for previous week = 978.48 MU
- d. Then, average all-India transmission loss for ISTS shall be  $[(14293.63-13787.50)/(14293.63-978.48)] \times 100 = 3.80 \%$
- e. 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 %
09-12-2024 00:00	16047.44	16744.56	422.12	697.12	4.27
09-12-2024 00:15	15974.13	16688.59	422.25	714.46	4.39
09-12-2024 00:30	15857.38	16602.51	436.89	745.13	4.61
09-12-2024 00:45	15796.28	16524.89	464.84	728.61	4.54
09-12-2024 01:00	15592.19	16329.62	478.74	737.43	4.65
09-12-2024 01:15	15394.46	16134.40	488.50	739.94	4.73
09-12-2024 01:30	15220.63	15961.75	515.79	741.12	4.80
09-12-2024 01:45	15135.04	15889.27	533.44	754.23	4.91
09-12-2024 02:00	15073.51	15813.99	544.04	740.49	4.85
09-12-2024 02:15	14924.07	15652.94	544.60	728.87	4.82
09-12-2024 02:30	14829.19	15570.95	531.01	741.76	4.93
09-12-2024 02:45	14810.11	15553.27	522.20	743.16	4.94
09-12-2024 03:00	14700.95	15432.74	517.80	731.79	4.91
09-12-2024 03:15	14712.63	15475.51	506.61	762.88	5.10
09-12-2024 03:30	14734.20	15488.53	501.90	754.33	5.03
09-12-2024 03:45	14753.72	15540.44	504.15	786.72	5.23
09-12-2024 04:00	14993.29	15786.19	508.84	792.90	5.19
09-12-2024 04:15	15383.75	16158.42	504.19	774.67	4.95
09-12-2024 04:30	15635.48	16422.37	507.25	786.89	4.94
09-12-2024 04:45	16036.18	16820.93	517.85	784.75	4.81
09-12-2024 05:00	16706.07	17494.53	540.61	788.46	4.65
09-12-2024 05:15	17343.58	18144.27	558.80	800.69	4.55
09-12-2024 05:30	17871.56	18703.66	581.98	832.10	4.59
09-12-2024 05:45	18463.77	19392.23	612.75	928.46	4.94
09-12-2024 06:00	19228.65	20149.15	649.55	920.50	4.72
09-12-2024 06:15	20329.15	21285.48	677.61	956.34	4.64
09-12-2024 06:30	21319.35	22300.82	699.70	981.47	4.54
09-12-2024 06:45	22090.13	23041.15	730.36	951.02	4.26
09-12-2024 07:00	22454.87	23377.83	751.67	922.96	4.08
09-12-2024 07:15	22903.26	23833.49	806.94	930.23	4.04
09-12-2024 07:30	23099.62	23972.74	919.48	873.12	3.79
09-12-2024 07:45	23180.89	23964.62	1095.26	783.73	3.43
09-12-2024 08:00	22905.57	23580.14	1297.78	674.57	3.03
09-12-2024 08:15	22908.15	23614.66	1560.46	706.52	3.20
09-12-2024 08:30	23121.68	23870.70	1791.74	749.02	3.39
09-12-2024 08:45	23377.03	24115.10	2015.10	738.07	3.34

09-12-2024 09:00	23800.70	24548.27	2261.04	747.57	3.35
09-12-2024 09:15	24050.64	24917.09	2449.48	866.45	3.86
09-12-2024 09:30	24281.56	25095.81	2601.90	814.25	3.62
09-12-2024 09:45	24292.34	25138.91	2766.28	846.56	3.78
09-12-2024 10:00	24273.40	25068.55	2955.20	795.15	3.60
09-12-2024 10:15	24265.58	25081.63	3154.11	816.05	3.72
09-12-2024 10:30	24036.65	24833.55	3299.68	796.90	3.70
09-12-2024 10:45	23723.83	24538.12	3418.27	814.29	3.86
09-12-2024 11:00	23273.79	24068.49	3506.69	794.69	3.86
09-12-2024 11:15	23169.48	23962.64	3608.28	793.16	3.90
09-12-2024 11:30	23209.89	24001.28	3722.95	791.40	3.90
09-12-2024 11:45	23132.46	23918.54	3788.51	786.08	3.90
09-12-2024 12:00	22894.86	23647.69	3842.39	752.83	3.80
09-12-2024 12:15	22843.34	23576.36	3843.06	733.02	3.71
09-12-2024 12:30	22605.51	23349.29	3845.81	743.78	3.81
09-12-2024 12:45	22412.97	23143.48	3796.68	730.50	3.78
09-12-2024 13:00	21677.64	22413.35	3739.08	735.71	3.94
09-12-2024 13:15	21654.42	22341.55	3674.86	687.13	3.68
09-12-2024 13:30	21626.54	22319.45	3573.39	692.91	3.70
09-12-2024 13:45	21685.45	22379.47	3429.29	694.02	3.66
09-12-2024 14:00	21701.61	22386.80	3307.33	685.19	3.59
09-12-2024 14:15	21943.13	22696.05	3155.91	752.92	3.85
09-12-2024 14:30	22094.18	22822.79	2988.66	728.61	3.67
09-12-2024 14:45	22186.04	22906.00	2861.89	719.96	3.59
09-12-2024 15:00	22012.49	22756.53	2637.15	744.04	3.70
09-12-2024 15:15	22288.25	23042.16	2411.02	753.91	3.65
09-12-2024 15:30	22464.26	23195.37	2202.39	731.11	3.48
09-12-2024 15:45	22439.19	23176.81	1984.91	737.62	3.48
09-12-2024 16:00	22094.39	22853.76	1749.99	759.38	3.60
09-12-2024 16:15	22323.95	23087.36	1479.42	763.41	3.53
09-12-2024 16:30	22530.72	23348.52	1208.77	817.80	3.69
09-12-2024 16:45	22531.97	23361.02	934.81	829.06	3.70
09-12-2024 17:00	22447.76	23246.98	699.59	799.22	3.54
09-12-2024 17:15	22427.34	23266.80	510.55	839.45	3.69
09-12-2024 17:30	22671.22	23484.03	381.56	812.81	3.52
09-12-2024 17:45	23090.26	23941.69	322.44	851.44	3.60
09-12-2024 18:00	23074.15	23931.50	326.07	857.34	3.63
09-12-2024 18:15	23184.00	24013.84	345.51	829.85	3.51
09-12-2024 18:30	22987.99	23812.02	369.28	824.03	3.52
09-12-2024 18:45	22768.84	23644.61	390.10	875.76	3.77
09-12-2024 19:00	22436.66	23214.98	406.67	778.32	3.41
09-12-2024 19:15	22020.65	22774.33	420.81	753.68	3.37
09-12-2024 19:30	21407.65	22131.45	438.81	723.81	3.34
09-12-2024 19:45	20794.78	21564.84	451.65	770.06	3.65
09-12-2024 20:00	20098.67	20890.48	460.36	791.80	3.88

09-12-2024 20:15	19677.44	20476.45	460.39	799.00	3.99
09-12-2024 20:30	19291.25	20129.44	449.22	838.19	4.26
09-12-2024 20:45	18944.21	19729.84	431.51	785.63	4.07
09-12-2024 21:00	18631.56	19436.54	427.98	804.98	4.23
09-12-2024 21:15	18456.97	19265.65	423.45	808.68	4.29
09-12-2024 21:30	18398.26	19166.82	424.30	768.56	4.10
09-12-2024 21:45	18140.95	18901.33	421.11	760.39	4.11
09-12-2024 22:00	18017.37	18750.01	431.64	732.64	4.00
09-12-2024 22:15	18017.87	18793.51	448.65	775.64	4.23
09-12-2024 22:30	17914.53	18684.37	480.75	769.84	4.23
09-12-2024 22:45	17749.65	18524.41	516.87	774.76	4.30
09-12-2024 23:00	17520.22	18288.40	565.53	768.18	4.33
09-12-2024 23:15	17345.99	18103.95	593.15	757.95	4.33
09-12-2024 23:30	17091.43	17854.40	600.28	762.98	4.42
09-12-2024 23:45	16893.18	17642.74	603.29	749.56	4.40
10-12-2024 00:00	16772.99	17504.09	614.11	731.10	4.33
10-12-2024 00:15	16706.97	17445.96	613.90	738.99	4.39
10-12-2024 00:30	16529.73	17291.93	614.37	762.20	4.57
10-12-2024 00:45	16359.04	17087.66	593.99	728.63	4.42
10-12-2024 01:00	16145.90	16892.84	575.63	746.94	4.58
10-12-2024 01:15	16132.09	16890.49	562.70	758.41	4.64
10-12-2024 01:30	16029.24	16810.51	534.90	781.27	4.80
10-12-2024 01:45	15922.57	16698.33	500.98	775.75	4.79
10-12-2024 02:00	15707.98	16449.63	474.39	741.65	4.64
10-12-2024 02:15	15743.53	16504.99	461.08	761.46	4.75
10-12-2024 02:30	15706.63	16478.46	467.17	771.83	4.82
10-12-2024 02:45	15636.78	16428.70	481.14	791.93	4.97
10-12-2024 03:00	15678.66	16459.33	484.14	780.67	4.89
10-12-2024 03:15	15691.57	16493.74	484.83	802.18	5.01
10-12-2024 03:30	15697.71	16491.50	500.77	793.78	4.96
10-12-2024 03:45	15734.71	16537.03	518.14	802.32	5.01
10-12-2024 04:00	15926.87	16752.47	524.64	825.61	5.09
10-12-2024 04:15	16383.78	17196.17	537.75	812.38	4.88
10-12-2024 04:30	16634.94	17461.79	556.39	826.85	4.89
10-12-2024 04:45	16929.06	17775.02	576.05	845.96	4.92
10-12-2024 05:00	17443.19	18293.33	601.95	850.14	4.81
10-12-2024 05:15	18104.17	18975.22	614.07	871.05	4.74
10-12-2024 05:30	18520.03	19376.79	616.63	856.76	4.57
10-12-2024 05:45	18997.09	19936.78	616.80	939.69	4.86
10-12-2024 06:00	19559.40	20521.66	620.53	962.26	4.84
10-12-2024 06:15	20664.56	21708.14	609.15	1043.58	4.95
10-12-2024 06:30	21856.99	22927.06	609.51	1070.08	4.79
10-12-2024 06:45	22798.24	23880.04	640.77	1081.79	4.66
10-12-2024 07:00	23354.09	24335.60	688.10	981.52	4.15
10-12-2024 07:15	23681.23	24678.78	771.01	997.55	4.17

10-12-2024 07:30	23892.79	24831.49	908.79	938.70	3.92
10-12-2024 07:45	23866.24	24681.78	1068.20	815.54	3.45
10-12-2024 08:00	23581.65	24293.96	1287.07	712.31	3.10
10-12-2024 08:15	23629.06	24387.53	1569.77	758.48	3.32
10-12-2024 08:30	23715.45	24499.00	1865.25	783.55	3.46
10-12-2024 08:45	23841.40	24631.42	2163.86	790.02	3.52
10-12-2024 09:00	24272.78	25011.39	2386.52	738.61	3.26
10-12-2024 09:15	24664.92	25414.84	2565.52	749.92	3.28
10-12-2024 09:30	24688.10	25551.44	2742.40	863.34	3.79
10-12-2024 09:45	24480.88	25309.68	2931.41	828.80	3.70
10-12-2024 10:00	24423.44	25225.29	3138.67	801.84	3.63
10-12-2024 10:15	24444.43	25226.80	3317.21	782.37	3.57
10-12-2024 10:30	24220.93	25008.31	3448.38	787.38	3.65
10-12-2024 10:45	24051.90	24841.07	3580.75	789.17	3.71
10-12-2024 11:00	23596.99	24374.94	3668.77	777.95	3.76
10-12-2024 11:15	23458.11	24267.11	3766.81	809.01	3.95
10-12-2024 11:30	23398.66	24181.19	3831.07	782.53	3.85
10-12-2024 11:45	23283.68	24088.30	3845.77	804.62	3.97
10-12-2024 12:00	22972.00	23732.05	3818.81	760.05	3.82
10-12-2024 12:15	22967.79	23742.83	3793.97	775.03	3.89
10-12-2024 12:30	22796.70	23551.06	3734.94	754.36	3.81
10-12-2024 12:45	22721.90	23494.19	3665.98	772.29	3.89
10-12-2024 13:00	22105.67	22820.34	3645.03	714.67	3.73
10-12-2024 13:15	22013.95	22761.53	3610.69	747.58	3.90
10-12-2024 13:30	22030.64	22752.01	3549.72	721.37	3.76
10-12-2024 13:45	22273.33	22983.27	3483.69	709.94	3.64
10-12-2024 14:00	22313.13	23017.17	3378.43	704.04	3.58
10-12-2024 14:15	22581.13	23333.35	3256.31	752.22	3.75
10-12-2024 14:30	22907.58	23620.25	3144.76	712.67	3.48
10-12-2024 14:45	23051.66	23751.76	3003.56	700.11	3.37
10-12-2024 15:00	23004.42	23760.15	2825.14	755.73	3.61
10-12-2024 15:15	23250.88	23983.70	2630.25	732.81	3.43
10-12-2024 15:30	23316.31	24112.48	2401.97	796.17	3.67
10-12-2024 15:45	23416.92	24233.87	2170.53	816.95	3.70
10-12-2024 16:00	23165.67	23983.12	1915.24	817.45	3.70
10-12-2024 16:15	23275.85	24056.60	1610.04	780.75	3.48
10-12-2024 16:30	23296.85	24104.80	1311.70	807.96	3.54
10-12-2024 16:45	23224.18	24067.96	1006.25	843.78	3.66
10-12-2024 17:00	22897.35	23724.13	748.56	826.78	3.60
10-12-2024 17:15	23061.44	23879.70	542.94	818.26	3.51
10-12-2024 17:30	23292.95	24102.15	415.76	809.20	3.42
10-12-2024 17:45	23690.27	24550.73	342.71	860.46	3.55
10-12-2024 18:00	23866.64	24698.79	333.57	832.15	3.42
10-12-2024 18:15	24132.59	24985.21	347.93	852.62	3.46
10-12-2024 18:30	24059.41	24832.14	378.67	772.73	3.16

10-12-2024 18:45	23626.68	24377.36	414.82	750.68	3.13
10-12-2024 19:00	23224.09	23966.97	435.68	742.88	3.16
10-12-2024 19:15	23022.02	23735.91	444.67	713.89	3.07
10-12-2024 19:30	22634.40	23371.56	450.04	737.16	3.22
10-12-2024 19:45	22146.76	22895.25	452.25	748.48	3.34
10-12-2024 20:00	21412.38	22141.47	443.50	729.09	3.36
10-12-2024 20:15	20976.87	21703.73	433.77	726.87	3.42
10-12-2024 20:30	20655.08	21396.13	435.30	741.05	3.54
10-12-2024 20:45	20309.93	21003.00	435.62	693.07	3.37
10-12-2024 21:00	19871.89	20641.85	429.22	769.96	3.81
10-12-2024 21:15	19633.49	20401.47	433.12	767.98	3.85
10-12-2024 21:30	19451.22	20167.92	445.05	716.70	3.63
10-12-2024 21:45	19259.92	19999.08	455.54	739.16	3.78
10-12-2024 22:00	19078.02	19820.27	454.79	742.25	3.83
10-12-2024 22:15	19110.07	19822.86	441.51	712.79	3.68
10-12-2024 22:30	18967.89	19733.52	429.45	765.63	3.97
10-12-2024 22:45	18745.04	19469.44	422.73	724.40	3.80
10-12-2024 23:00	18436.82	19160.20	432.26	723.38	3.86
10-12-2024 23:15	18216.22	18900.41	436.51	684.20	3.71
10-12-2024 23:30	17946.02	18637.55	453.34	691.53	3.80
10-12-2024 23:45	17681.38	18344.86	459.47	663.49	3.71
11-12-2024 00:00	17490.57	18122.35	465.08	631.77	3.58
11-12-2024 00:15	17299.78	17967.14	476.33	667.36	3.82
11-12-2024 00:30	17170.26	17830.63	481.71	660.37	3.81
11-12-2024 00:45	17005.18	17661.39	488.69	656.20	3.82
11-12-2024 01:00	16833.90	17499.76	494.05	665.86	3.92
11-12-2024 01:15	16744.07	17414.51	491.79	670.45	3.96
11-12-2024 01:30	16618.82	17273.78	491.86	654.95	3.90
11-12-2024 01:45	16451.95	17113.46	489.69	661.51	3.98
11-12-2024 02:00	16274.23	16922.93	474.26	648.70	3.94
11-12-2024 02:15	16170.12	16834.09	468.64	663.96	4.06
11-12-2024 02:30	16214.77	16874.54	472.90	659.77	4.02
11-12-2024 02:45	16256.57	16912.95	473.14	656.38	3.99
11-12-2024 03:00	16156.79	16820.41	477.26	663.63	4.06
11-12-2024 03:15	16211.36	16885.22	475.03	673.87	4.11
11-12-2024 03:30	16186.90	16859.06	494.67	672.16	4.11
11-12-2024 03:45	16252.62	16938.16	521.64	685.54	4.18
11-12-2024 04:00	16415.09	17145.42	546.42	730.33	4.40
11-12-2024 04:15	16797.36	17504.11	563.16	706.76	4.17
11-12-2024 04:30	17135.44	17850.94	576.02	715.50	4.14
11-12-2024 04:45	17293.51	17992.34	569.58	698.83	4.01
11-12-2024 05:00	17699.14	18395.21	566.10	696.07	3.90
11-12-2024 05:15	18255.77	19005.98	555.87	750.21	4.07
11-12-2024 05:30	18830.23	19578.64	547.16	748.41	3.93
11-12-2024 05:45	19421.50	20291.35	529.00	869.84	4.40

11-12-2024 06:00	20179.29	21005.71	526.17	826.42	4.04
11-12-2024 06:15	21216.67	22161.76	522.03	945.09	4.37
11-12-2024 06:30	22319.11	23288.30	524.33	969.18	4.26
11-12-2024 06:45	23315.58	24191.28	535.67	875.70	3.70
11-12-2024 07:00	23651.97	24462.04	568.64	810.07	3.39
11-12-2024 07:15	23900.29	24704.50	607.09	804.21	3.34
11-12-2024 07:30	23999.36	24722.32	690.67	722.95	3.01
11-12-2024 07:45	24034.79	24737.72	861.48	702.94	2.94
11-12-2024 08:00	23961.44	24598.65	1085.29	637.21	2.71
11-12-2024 08:15	23976.01	24618.63	1373.95	642.62	2.76
11-12-2024 08:30	24272.61	24990.75	1717.59	718.15	3.09
11-12-2024 08:45	24475.87	25194.39	2053.03	718.52	3.10
11-12-2024 09:00	24786.10	25533.18	2266.90	747.08	3.21
11-12-2024 09:15	25267.92	25998.38	2369.00	730.46	3.09
11-12-2024 09:30	25209.70	25986.37	2565.36	776.67	3.32
11-12-2024 09:45	25033.04	25824.46	2755.20	791.42	3.43
11-12-2024 10:00	24803.31	25605.91	2968.38	802.59	3.55
11-12-2024 10:15	24847.11	25654.14	3160.53	807.02	3.59
11-12-2024 10:30	24825.50	25655.26	3416.92	829.75	3.73
11-12-2024 10:45	24495.67	25329.15	3603.55	833.47	3.84
11-12-2024 11:00	24032.55	24910.38	3669.31	877.83	4.13
11-12-2024 11:15	23738.44	24591.47	3700.79	853.03	4.08
11-12-2024 11:30	23612.70	24432.28	3715.99	819.58	3.96
11-12-2024 11:45	23361.62	24203.15	3810.36	841.52	4.13
11-12-2024 12:00	23076.89	23817.46	3814.57	740.57	3.70
11-12-2024 12:15	23099.45	23859.67	3786.89	760.22	3.79
11-12-2024 12:30	22926.87	23682.88	3886.57	756.02	3.82
11-12-2024 12:45	22879.03	23608.87	3902.01	729.84	3.70
11-12-2024 13:00	22227.97	22999.98	3833.78	772.01	4.03
11-12-2024 13:15	22205.36	22933.61	3715.72	728.26	3.79
11-12-2024 13:30	22252.00	22970.24	3711.10	718.25	3.73
11-12-2024 13:45	22307.64	23004.67	3614.42	697.03	3.59
11-12-2024 14:00	22321.05	23059.65	3541.87	738.60	3.78
11-12-2024 14:15	22554.23	23336.47	3439.97	782.24	3.93
11-12-2024 14:30	22624.52	23367.31	3265.72	742.79	3.70
11-12-2024 14:45	22708.82	23498.63	3026.63	789.81	3.86
11-12-2024 15:00	22784.24	23570.70	2818.68	786.46	3.79
11-12-2024 15:15	23068.36	23863.60	2619.55	795.24	3.74
11-12-2024 15:30	23211.65	24007.89	2402.80	796.25	3.69
11-12-2024 15:45	23315.21	24147.90	2114.14	832.69	3.78
11-12-2024 16:00	23204.74	23982.36	1861.40	777.62	3.52
11-12-2024 16:15	23276.44	24053.51	1632.45	777.07	3.47
11-12-2024 16:30	23253.70	24052.30	1338.02	798.60	3.52
11-12-2024 16:45	23063.74	23923.00	1040.45	859.26	3.76
11-12-2024 17:00	22760.16	23580.84	827.94	820.68	3.61



11-12-2024 17:15	22798.83	23645.45	646.58	846.62	3.68
11-12-2024 17:30	23000.18	23775.89	519.57	775.71	3.34
11-12-2024 17:45	23256.51	24082.65	463.23	826.14	3.50
11-12-2024 18:00	23464.73	24357.50	462.49	892.76	3.74
11-12-2024 18:15	23806.14	24559.76	485.49	753.63	3.13
11-12-2024 18:30	23632.13	24366.37	493.13	734.24	3.08
11-12-2024 18:45	23477.81	24196.07	491.49	718.26	3.03
11-12-2024 19:00	23249.20	23973.55	482.67	724.35	3.08
11-12-2024 19:15	22852.39	23549.48	485.86	697.09	3.02
11-12-2024 19:30	22320.80	22946.60	489.96	625.80	2.79
11-12-2024 19:45	21766.30	22463.16	491.26	696.86	3.17
11-12-2024 20:00	21195.80	21905.35	489.49	709.54	3.31
11-12-2024 20:15	20752.10	21489.61	474.30	737.51	3.51
11-12-2024 20:30	20527.77	21258.16	471.78	730.39	3.51
11-12-2024 20:45	20303.43	21020.60	474.30	717.18	3.49
11-12-2024 21:00	19999.90	20758.31	474.28	758.40	3.74
11-12-2024 21:15	19845.33	20579.24	490.46	733.91	3.65
11-12-2024 21:30	19641.58	20355.75	510.32	714.17	3.60
11-12-2024 21:45	19282.28	19986.99	525.98	704.70	3.62
11-12-2024 22:00	19050.12	19765.04	532.04	714.92	3.72
11-12-2024 22:15	18978.35	19649.99	537.13	671.63	3.51
11-12-2024 22:30	18706.16	19390.47	536.86	684.30	3.63
11-12-2024 22:45	18380.79	19062.92	542.53	682.13	3.68
11-12-2024 23:00	18151.52	18819.24	551.95	667.72	3.66
11-12-2024 23:15	18046.68	18694.51	546.47	647.83	3.57
11-12-2024 23:30	17749.18	18398.10	554.04	648.92	3.64
11-12-2024 23:45	17530.48	18164.19	572.39	633.71	3.60
12-12-2024 00:00	17302.58	17965.73	586.30	663.15	3.82
12-12-2024 00:15	17182.44	17820.84	589.90	638.40	3.70
12-12-2024 00:30	17061.10	17715.88	600.76	654.78	3.83
12-12-2024 00:45	16975.91	17652.99	612.00	677.08	3.97
12-12-2024 01:00	16799.67	17479.96	636.54	680.29	4.04
12-12-2024 01:15	16664.07	17338.31	673.75	674.23	4.05
12-12-2024 01:30	16630.16	17272.11	695.50	641.96	3.87
12-12-2024 01:45	16515.01	17189.22	705.61	674.21	4.09
12-12-2024 02:00	16407.26	17055.15	704.37	647.89	3.96
12-12-2024 02:15	16381.76	17053.03	709.30	671.26	4.11
12-12-2024 02:30	16338.12	17034.33	723.26	696.21	4.27
12-12-2024 02:45	16342.98	17022.31	738.42	679.33	4.17
12-12-2024 03:00	16188.23	16894.38	766.39	706.15	4.38
12-12-2024 03:15	16156.91	16879.71	791.94	722.80	4.49
12-12-2024 03:30	16166.94	16873.43	796.03	706.50	4.39
12-12-2024 03:45	16226.39	16926.31	791.06	699.92	4.34
12-12-2024 04:00	16437.75	17155.18	781.61	717.43	4.38
12-12-2024 04:15	16742.57	17480.38	769.17	737.81	4.42



12-12-2024 04:30	16963.43	17692.81	760.14	729.38	4.31
12-12-2024 04:45	17400.06	18185.71	739.97	785.66	4.50
12-12-2024 05:00	17869.64	18598.11	731.11	728.47	4.08
12-12-2024 05:15	18501.90	19320.89	726.45	818.99	4.40
12-12-2024 05:30	19046.28	19828.09	725.08	781.81	4.09
12-12-2024 05:45	19641.44	20492.58	721.98	851.14	4.31
12-12-2024 06:00	20271.96	21150.40	721.87	878.45	4.30
12-12-2024 06:15	21272.65	22238.77	746.80	966.11	4.50
12-12-2024 06:30	22231.16	23234.57	787.67	1003.41	4.47
12-12-2024 06:45	23082.27	24006.91	842.11	924.64	3.99
12-12-2024 07:00	23600.43	24557.99	875.05	957.56	4.04
12-12-2024 07:15	24007.79	24875.20	931.61	867.41	3.62
12-12-2024 07:30	23948.58	24783.71	1017.06	835.13	3.51
12-12-2024 07:45	23925.49	24670.85	1148.41	745.36	3.17
12-12-2024 08:00	23916.39	24600.67	1333.61	684.28	2.94
12-12-2024 08:15	23924.19	24578.22	1557.69	654.03	2.84
12-12-2024 08:30	24032.96	24741.29	1823.83	708.32	3.09
12-12-2024 08:45	24259.88	25022.55	2085.66	762.67	3.33
12-12-2024 09:00	24640.95	25429.79	2303.17	788.84	3.41
12-12-2024 09:15	25065.64	25887.99	2460.75	822.35	3.51
12-12-2024 09:30	25124.15	25931.29	2623.98	807.14	3.46
12-12-2024 09:45	25185.98	26004.71	2793.23	818.73	3.53
12-12-2024 10:00	25161.55	26020.30	2914.09	858.75	3.72
12-12-2024 10:15	25213.72	26017.11	3045.12	803.39	3.50
12-12-2024 10:30	25104.88	25958.87	3160.92	853.99	3.75
12-12-2024 10:45	25061.05	25872.71	3264.17	811.66	3.59
12-12-2024 11:00	24918.55	25779.16	3374.36	860.62	3.84
12-12-2024 11:15	24688.99	25563.72	3425.91	874.73	3.95
12-12-2024 11:30	24412.47	25269.12	3506.64	856.65	3.94
12-12-2024 11:45	24217.50	25106.06	3509.32	888.56	4.11
12-12-2024 12:00	23902.66	24709.46	3488.31	806.80	3.80
12-12-2024 12:15	23714.99	24582.65	3412.65	867.67	4.10
12-12-2024 12:30	23485.10	24314.54	3323.82	829.45	3.95
12-12-2024 12:45	23298.82	24171.12	3342.70	872.29	4.19
12-12-2024 13:00	22756.41	23532.22	3290.99	775.81	3.83
12-12-2024 13:15	22622.46	23441.58	3253.04	819.13	4.06
12-12-2024 13:30	22622.65	23413.34	3197.61	790.69	3.91
12-12-2024 13:45	22614.50	23422.16	3130.23	807.66	3.98
12-12-2024 14:00	22484.47	23279.07	3071.16	794.61	3.93
12-12-2024 14:15	22600.63	23447.18	3012.08	846.55	4.14
12-12-2024 14:30	22732.88	23534.60	2894.64	801.72	3.88
12-12-2024 14:45	22803.98	23634.29	2758.19	830.31	3.98
12-12-2024 15:00	22756.85	23565.95	2608.89	809.09	3.86
12-12-2024 15:15	22961.87	23863.40	2458.78	901.53	4.21
12-12-2024 15:30	22929.65	23750.99	2304.46	821.34	3.83

12-12-2024 15:45	22830.95	23652.54	2108.81	821.59	3.81
12-12-2024 16:00	22546.37	23333.82	1888.80	787.45	3.67
12-12-2024 16:15	22651.13	23478.23	1667.02	827.10	3.79
12-12-2024 16:30	22740.93	23616.63	1417.43	875.70	3.94
12-12-2024 16:45	22781.31	23669.24	1139.51	887.93	3.94
12-12-2024 17:00	22596.13	23451.85	895.58	855.72	3.79
12-12-2024 17:15	22585.87	23373.55	727.09	787.67	3.48
12-12-2024 17:30	22840.69	23666.29	606.37	825.60	3.58
12-12-2024 17:45	23358.21	24235.66	593.11	877.44	3.71
12-12-2024 18:00	23517.00	24407.14	606.71	890.14	3.74
12-12-2024 18:15	23617.35	24415.71	616.82	798.36	3.35
12-12-2024 18:30	23384.01	24159.07	622.02	775.06	3.29
12-12-2024 18:45	23268.71	24058.95	648.30	790.25	3.38
12-12-2024 19:00	22895.59	23648.67	669.77	753.08	3.28
12-12-2024 19:15	22556.13	23262.75	679.19	706.62	3.13
12-12-2024 19:30	22006.04	22720.97	680.80	714.93	3.24
12-12-2024 19:45	21470.50	22182.11	680.62	711.61	3.31
12-12-2024 20:00	21063.89	21785.36	698.49	721.47	3.42
12-12-2024 20:15	20714.76	21504.20	700.41	789.44	3.79
12-12-2024 20:30	20381.02	21153.86	705.79	772.84	3.78
12-12-2024 20:45	19991.31	20749.90	728.88	758.59	3.79
12-12-2024 21:00	19562.52	20338.78	759.32	776.25	3.96
12-12-2024 21:15	19324.43	20110.36	773.87	785.93	4.06
12-12-2024 21:30	19004.24	19743.82	780.07	739.58	3.90
12-12-2024 21:45	18626.09	19313.28	790.61	687.19	3.71
12-12-2024 22:00	18291.86	19022.39	819.42	730.53	4.01
12-12-2024 22:15	18259.51	18990.26	860.47	730.75	4.03
12-12-2024 22:30	17994.16	18720.92	903.02	726.75	4.08
12-12-2024 22:45	17659.59	18383.05	921.41	723.46	4.14
12-12-2024 23:00	17339.29	18030.01	922.12	690.72	4.04
12-12-2024 23:15	17096.88	17780.53	931.00	683.64	4.06
12-12-2024 23:30	16760.67	17437.38	952.98	676.71	4.11
12-12-2024 23:45	16462.47	17157.11	964.31	694.65	4.29
13-12-2024 00:00	16243.95	16944.97	962.97	701.01	4.39
13-12-2024 00:15	16083.15	16779.67	962.97	696.52	4.40
13-12-2024 00:30	15971.17	16634.19	945.75	663.02	4.23
13-12-2024 00:45	15713.09	16366.57	939.85	653.49	4.24
13-12-2024 01:00	15483.11	16119.74	944.70	636.63	4.20
13-12-2024 01:15	15322.18	15995.78	941.18	673.60	4.47
13-12-2024 01:30	15239.12	15901.59	917.80	662.47	4.42
13-12-2024 01:45	15144.81	15831.99	909.19	687.18	4.60
13-12-2024 02:00	14953.16	15651.28	933.28	698.13	4.74
13-12-2024 02:15	14989.65	15676.81	948.34	687.16	4.67
13-12-2024 02:30	14960.75	15659.34	940.85	698.59	4.75
13-12-2024 02:45	14970.19	15665.61	916.34	695.42	4.71

13-12-2024 03:00	14946.18	15623.38	910.18	677.20	4.60
13-12-2024 03:15	14993.99	15693.49	927.90	699.50	4.74
13-12-2024 03:30	15076.95	15784.68	938.14	707.73	4.77
13-12-2024 03:45	15104.42	15808.77	944.97	704.35	4.74
13-12-2024 04:00	15242.44	15970.60	942.06	728.17	4.85
13-12-2024 04:15	15704.85	16430.99	950.44	726.14	4.69
13-12-2024 04:30	15962.41	16710.65	952.82	748.24	4.75
13-12-2024 04:45	16373.56	17127.35	949.51	753.79	4.66
13-12-2024 05:00	16872.27	17597.41	944.68	725.13	4.35
13-12-2024 05:15	17491.34	18272.25	957.25	780.91	4.51
13-12-2024 05:30	18075.43	18816.35	977.45	740.92	4.15
13-12-2024 05:45	18772.11	19606.89	1005.05	834.78	4.49
13-12-2024 06:00	19490.55	20319.95	1027.59	829.40	4.30
13-12-2024 06:15	20612.60	21531.60	1029.85	918.99	4.48
13-12-2024 06:30	21643.66	22598.51	997.49	954.86	4.42
13-12-2024 06:45	22473.42	23347.47	985.14	874.04	3.91
13-12-2024 07:00	22942.34	23854.91	980.14	912.57	3.99
13-12-2024 07:15	23418.14	24291.53	987.14	873.40	3.75
13-12-2024 07:30	23626.51	24488.89	1044.68	862.38	3.68
13-12-2024 07:45	23806.11	24613.68	1173.24	807.56	3.45
13-12-2024 08:00	23738.39	24393.73	1340.21	655.34	2.84
13-12-2024 08:15	23831.98	24509.25	1546.27	677.27	2.95
13-12-2024 08:30	23906.96	24604.49	1803.18	697.53	3.06
13-12-2024 08:45	24136.92	24898.32	2069.74	761.40	3.34
13-12-2024 09:00	24534.82	25324.98	2325.17	790.15	3.44
13-12-2024 09:15	24920.35	25753.94	2539.20	833.59	3.59
13-12-2024 09:30	24949.40	25772.74	2704.38	823.34	3.57
13-12-2024 09:45	24659.33	25486.49	2819.95	827.16	3.65
13-12-2024 10:00	24441.10	25301.60	2928.22	860.50	3.85
13-12-2024 10:15	24539.73	25360.21	3033.41	820.48	3.67
13-12-2024 10:30	24481.74	25324.71	3216.12	842.97	3.81
13-12-2024 10:45	24355.26	25169.89	3359.68	814.63	3.74
13-12-2024 11:00	23979.84	24823.01	3394.16	843.17	3.93
13-12-2024 11:15	23919.81	24826.69	3564.17	906.89	4.27
13-12-2024 11:30	23804.75	24668.09	3576.75	863.34	4.09
13-12-2024 11:45	23659.41	24536.35	3610.65	876.94	4.19
13-12-2024 12:00	23406.09	24205.74	3668.07	799.66	3.89
13-12-2024 12:15	23232.44	24079.21	3725.04	846.77	4.16
13-12-2024 12:30	23160.24	23980.56	3772.04	820.33	4.06
13-12-2024 12:45	22933.27	23760.24	3652.38	826.97	4.11
13-12-2024 13:00	22226.82	23043.11	3573.03	816.30	4.19
13-12-2024 13:15	21889.85	22688.62	3583.95	798.76	4.18
13-12-2024 13:30	21821.63	22599.64	3517.70	778.02	4.08
13-12-2024 13:45	21950.00	22716.97	3513.00	766.97	3.99
13-12-2024 14:00	22065.24	22840.01	3532.49	774.77	4.01

13-12-2024 14:15	22318.02	23125.71	3406.35	807.69	4.10
13-12-2024 14:30	22435.96	23194.22	3123.97	758.25	3.78
13-12-2024 14:45	22674.45	23506.13	3031.85	831.68	4.06
13-12-2024 15:00	22665.91	23466.94	2892.18	801.04	3.89
13-12-2024 15:15	22764.52	23563.15	2629.29	798.63	3.82
13-12-2024 15:30	22656.98	23429.44	2341.53	772.46	3.66
13-12-2024 15:45	22660.57	23523.02	2156.22	862.45	4.04
13-12-2024 16:00	22478.39	23298.83	1904.93	820.44	3.83
13-12-2024 16:15	22611.68	23420.33	1651.46	808.64	3.71
13-12-2024 16:30	22609.94	23449.17	1352.09	839.22	3.80
13-12-2024 16:45	22657.34	23563.01	1072.17	905.67	4.03
13-12-2024 17:00	22528.15	23304.79	827.18	776.64	3.46
13-12-2024 17:15	22617.47	23445.97	643.47	828.50	3.63
13-12-2024 17:30	22911.61	23664.50	525.51	752.89	3.25
13-12-2024 17:45	23187.75	24037.99	483.52	850.24	3.61
13-12-2024 18:00	23334.63	24216.12	495.94	881.49	3.72
13-12-2024 18:15	23515.65	24327.40	540.11	811.75	3.41
13-12-2024 18:30	23387.53	24204.50	574.63	816.97	3.46
13-12-2024 18:45	23263.86	24002.37	601.01	738.50	3.16
13-12-2024 19:00	22910.48	23620.35	624.86	709.88	3.09
13-12-2024 19:15	22458.45	23135.84	645.56	677.39	3.01
13-12-2024 19:30	21745.83	22385.04	651.35	639.21	2.94
13-12-2024 19:45	21238.94	21941.88	672.90	702.95	3.31
13-12-2024 20:00	20719.26	21414.73	686.25	695.47	3.36
13-12-2024 20:15	20229.53	20946.49	685.78	716.97	3.54
13-12-2024 20:30	19876.08	20602.94	685.57	726.86	3.65
13-12-2024 20:45	19421.02	20120.44	688.04	699.41	3.60
13-12-2024 21:00	18887.12	19543.60	686.82	656.48	3.48
13-12-2024 21:15	18540.02	19230.65	720.32	690.63	3.73
13-12-2024 21:30	18354.89	18975.41	726.66	620.52	3.40
13-12-2024 21:45	18037.35	18733.39	742.52	696.04	3.87
13-12-2024 22:00	17813.73	18473.86	768.25	660.13	3.73
13-12-2024 22:15	17547.49	18210.53	772.72	663.04	3.80
13-12-2024 22:30	17346.89	17982.86	800.19	635.97	3.70
13-12-2024 22:45	17262.12	17891.91	819.69	629.79	3.69
13-12-2024 23:00	16967.10	17589.11	840.89	622.01	3.71
13-12-2024 23:15	16871.95	17495.64	864.00	623.69	3.75
13-12-2024 23:30	16747.82	17366.78	863.80	618.95	3.75
13-12-2024 23:45	16530.86	17144.46	854.35	613.60	3.77
14-12-2024 00:00	16251.53	16852.46	853.47	600.94	3.76
14-12-2024 00:15	16043.08	16650.83	852.27	607.74	3.85
14-12-2024 00:30	15914.29	16498.91	839.14	584.62	3.73
14-12-2024 00:45	15756.10	16344.54	830.42	588.44	3.79
14-12-2024 01:00	15526.00	16126.78	819.20	600.77	3.92
14-12-2024 01:15	15469.57	16062.23	799.02	592.67	3.88

14-12-2024 01:30	15283.67	15869.02	780.89	585.34	3.88
14-12-2024 01:45	15231.38	15820.27	763.52	588.89	3.91
14-12-2024 02:00	15069.47	15672.65	751.62	603.19	4.04
14-12-2024 02:15	15078.56	15678.80	733.16	600.24	4.02
14-12-2024 02:30	15069.71	15669.19	712.74	599.48	4.01
14-12-2024 02:45	15100.57	15686.06	690.24	585.49	3.90
14-12-2024 03:00	15070.40	15668.18	668.64	597.77	3.99
14-12-2024 03:15	15107.53	15705.19	646.03	597.65	3.97
14-12-2024 03:30	15113.88	15714.20	625.66	600.32	3.98
14-12-2024 03:45	15152.97	15757.32	611.07	604.35	3.99
14-12-2024 04:00	15262.23	15863.92	603.79	601.68	3.94
14-12-2024 04:15	15600.37	16239.89	589.58	639.51	4.09
14-12-2024 04:30	15830.66	16454.86	569.29	624.20	3.93
14-12-2024 04:45	16119.72	16780.49	557.57	660.77	4.07
14-12-2024 05:00	16564.51	17178.90	564.05	614.39	3.70
14-12-2024 05:15	17142.45	17808.07	571.42	665.62	3.86
14-12-2024 05:30	17438.59	18141.91	593.81	703.32	4.01
14-12-2024 05:45	17889.12	18671.53	628.01	782.41	4.34
14-12-2024 06:00	18511.18	19231.67	667.26	720.49	3.88
14-12-2024 06:15	19494.80	20329.88	698.47	835.08	4.25
14-12-2024 06:30	20628.94	21535.22	723.41	906.28	4.35
14-12-2024 06:45	21444.97	22239.34	742.17	794.37	3.70
14-12-2024 07:00	22003.08	22798.57	765.75	795.49	3.61
14-12-2024 07:15	22562.15	23338.23	823.48	776.08	3.45
14-12-2024 07:30	23038.59	23761.35	909.77	722.76	3.16
14-12-2024 07:45	23173.78	23850.15	1044.75	676.37	2.97
14-12-2024 08:00	22940.56	23528.44	1246.91	587.88	2.64
14-12-2024 08:15	22898.64	23535.52	1486.68	636.88	2.89
14-12-2024 08:30	23206.70	23866.67	1755.01	659.97	2.98
14-12-2024 08:45	23553.52	24285.18	2044.17	731.67	3.29
14-12-2024 09:00	23891.66	24642.84	2305.64	751.18	3.36
14-12-2024 09:15	24091.36	24867.49	2535.91	776.13	3.48
14-12-2024 09:30	24152.44	24943.50	2708.28	791.06	3.56
14-12-2024 09:45	24081.05	24862.82	2854.32	781.77	3.55
14-12-2024 10:00	23700.28	24554.54	3020.53	854.26	3.97
14-12-2024 10:15	23649.17	24469.42	3212.55	820.25	3.86
14-12-2024 10:30	23729.67	24557.60	3380.62	827.93	3.91
14-12-2024 10:45	23655.69	24541.45	3526.16	885.77	4.21
14-12-2024 11:00	23407.30	24249.62	3618.34	842.32	4.08
14-12-2024 11:15	23419.09	24230.52	3705.42	811.43	3.95
14-12-2024 11:30	23401.69	24238.27	3777.23	836.58	4.09
14-12-2024 11:45	23355.19	24214.60	3828.11	859.41	4.22
14-12-2024 12:00	23074.98	23910.99	3823.66	836.01	4.16
14-12-2024 12:15	22999.15	23852.45	3847.66	853.31	4.27
14-12-2024 12:30	22805.96	23592.27	3844.84	786.31	3.98

14-12-2024 12:45	22514.79	23262.57	3844.47	747.78	3.85
14-12-2024 13:00	21827.05	22568.69	3844.63	741.64	3.96
14-12-2024 13:15	21733.52	22447.82	3821.74	714.30	3.83
14-12-2024 13:30	21778.35	22539.86	3748.75	761.51	4.05
14-12-2024 13:45	21898.89	22660.64	3653.88	761.75	4.01
14-12-2024 14:00	21877.08	22651.72	3534.36	774.64	4.05
14-12-2024 14:15	22125.17	22927.22	3406.63	802.05	4.11
14-12-2024 14:30	22299.67	23040.66	3268.27	740.99	3.75
14-12-2024 14:45	22376.25	23156.12	3121.00	779.87	3.89
14-12-2024 15:00	22424.21	23206.13	2939.74	781.93	3.86
14-12-2024 15:15	22473.87	23298.98	2736.11	825.11	4.01
14-12-2024 15:30	22333.83	23103.18	2511.13	769.34	3.74
14-12-2024 15:45	22383.98	23218.80	2254.94	834.82	3.98
14-12-2024 16:00	22434.88	23205.03	1993.43	770.15	3.63
14-12-2024 16:15	22584.69	23390.51	1707.91	805.82	3.72
14-12-2024 16:30	22676.25	23526.29	1378.98	850.05	3.84
14-12-2024 16:45	22547.81	23398.00	1048.25	850.19	3.80
14-12-2024 17:00	22378.02	23183.81	774.90	805.79	3.60
14-12-2024 17:15	22412.96	23213.04	564.45	800.08	3.53
14-12-2024 17:30	22654.55	23467.02	433.03	812.47	3.53
14-12-2024 17:45	23120.29	23986.21	382.89	865.92	3.67
14-12-2024 18:00	23246.76	24119.72	397.44	872.96	3.68
14-12-2024 18:15	23395.92	24192.13	425.09	796.22	3.35
14-12-2024 18:30	23245.94	24024.26	451.38	778.32	3.30
14-12-2024 18:45	23147.03	23942.45	473.86	795.42	3.39
14-12-2024 19:00	23003.79	23724.00	500.40	720.21	3.10
14-12-2024 19:15	22560.99	23226.26	531.13	665.28	2.93
14-12-2024 19:30	21876.19	22540.43	551.37	664.24	3.02
14-12-2024 19:45	21154.85	21877.20	565.23	722.35	3.39
14-12-2024 20:00	20571.62	21296.25	587.02	724.63	3.50
14-12-2024 20:15	20351.42	21103.07	616.35	751.65	3.67
14-12-2024 20:30	20096.85	20823.84	645.99	726.99	3.60
14-12-2024 20:45	19649.67	20403.21	675.08	753.53	3.82
14-12-2024 21:00	19266.34	20008.50	692.98	742.16	3.84
14-12-2024 21:15	18932.47	19676.60	698.59	744.13	3.92
14-12-2024 21:30	18599.47	19280.61	702.46	681.14	3.67
14-12-2024 21:45	18280.91	18984.20	691.41	703.29	3.84
14-12-2024 22:00	18136.92	18858.80	678.41	721.88	3.97
14-12-2024 22:15	18211.14	18886.77	660.51	675.63	3.71
14-12-2024 22:30	18015.24	18683.18	652.83	667.95	3.70
14-12-2024 22:45	17709.10	18367.57	652.92	658.47	3.72
14-12-2024 23:00	17420.70	18081.02	650.42	660.32	3.79
14-12-2024 23:15	17247.34	17870.85	645.26	623.51	3.62
14-12-2024 23:30	16984.83	17607.93	639.48	623.10	3.67
14-12-2024 23:45	16773.38	17428.93	625.86	655.55	3.90



15-12-2024 00:00	16535.48	17203.56	611.65	668.08	4.03
15-12-2024 00:15	16487.74	17123.74	594.77	636.00	3.85
15-12-2024 00:30	16349.55	16957.03	569.06	607.49	3.71
15-12-2024 00:45	16210.68	16787.36	544.80	576.67	3.55
15-12-2024 01:00	16065.19	16675.23	526.78	610.03	3.78
15-12-2024 01:15	15956.78	16572.42	498.31	615.64	3.83
15-12-2024 01:30	15960.20	16576.37	478.67	616.17	3.83
15-12-2024 01:45	15856.42	16491.14	456.47	634.72	3.96
15-12-2024 02:00	15694.36	16304.35	426.94	610.00	3.84
15-12-2024 02:15	15733.38	16343.91	398.05	610.53	3.83
15-12-2024 02:30	15706.42	16326.75	387.57	620.33	3.89
15-12-2024 02:45	15655.90	16292.03	395.89	636.13	4.00
15-12-2024 03:00	15609.24	16243.97	404.55	634.73	4.01
15-12-2024 03:15	15613.59	16242.14	405.64	628.54	3.97
15-12-2024 03:30	15572.69	16232.78	403.79	660.08	4.17
15-12-2024 03:45	15567.80	16223.51	393.42	655.71	4.14
15-12-2024 04:00	15756.59	16410.99	379.68	654.40	4.08
15-12-2024 04:15	16069.80	16732.07	367.79	662.27	4.05
15-12-2024 04:30	16116.73	16784.43	359.44	667.70	4.07
15-12-2024 04:45	16384.90	17078.54	357.28	693.64	4.15
15-12-2024 05:00	16635.10	17306.11	355.07	671.02	3.96
15-12-2024 05:15	17068.03	17780.85	364.21	712.81	4.09
15-12-2024 05:30	17621.58	18352.99	383.80	731.41	4.07
15-12-2024 05:45	18203.03	18946.64	406.05	743.61	4.01
15-12-2024 06:00	18638.63	19385.61	424.58	746.98	3.94
15-12-2024 06:15	19478.60	20352.99	441.98	874.40	4.39
15-12-2024 06:30	20424.47	21300.78	454.97	876.31	4.20
15-12-2024 06:45	21262.96	22088.78	487.33	825.82	3.82
15-12-2024 07:00	21794.70	22633.10	538.03	838.39	3.79
15-12-2024 07:15	22456.24	23268.30	610.66	812.07	3.58
15-12-2024 07:30	22844.21	23557.09	721.53	712.88	3.12
15-12-2024 07:45	22964.90	23632.46	941.84	667.57	2.94
15-12-2024 08:00	22889.51	23419.42	1176.19	529.90	2.38
15-12-2024 08:15	22948.27	23571.36	1483.25	623.09	2.82
15-12-2024 08:30	23009.92	23694.07	1813.47	684.16	3.13
15-12-2024 08:45	23254.82	23970.17	2161.34	715.34	3.28
15-12-2024 09:00	23538.98	24243.25	2397.68	704.27	3.22
15-12-2024 09:15	23731.79	24491.49	2671.62	759.71	3.48
15-12-2024 09:30	23685.84	24465.47	2884.44	779.63	3.61
15-12-2024 09:45	23526.78	24332.59	3044.83	805.81	3.79
15-12-2024 10:00	23364.59	24183.28	3234.05	818.69	3.91
15-12-2024 10:15	23297.63	24167.36	3352.91	869.73	4.18
15-12-2024 10:30	23195.46	24041.05	3470.16	845.60	4.11
15-12-2024 10:45	23080.92	23958.91	3587.34	877.99	4.31
15-12-2024 11:00	22911.07	23756.55	3663.86	845.48	4.21



15-12-2024 11:15	22817.79	23625.19	3752.67	807.40	4.06
15-12-2024 11:30	22573.08	23391.03	3666.15	817.96	4.15
15-12-2024 11:45	22388.47	23194.59	3659.83	806.12	4.13
15-12-2024 12:00	22049.22	22820.62	3687.82	771.40	4.03
15-12-2024 12:15	21967.74	22761.26	3703.19	793.52	4.16
15-12-2024 12:30	21841.40	22590.62	3702.76	749.23	3.97
15-12-2024 12:45	21784.44	22537.23	3711.05	752.80	4.00
15-12-2024 13:00	21443.75	22161.59	3717.24	717.85	3.89
15-12-2024 13:15	21235.09	21919.98	3675.79	684.89	3.75
15-12-2024 13:30	20989.38	21714.36	3603.38	724.98	4.00
15-12-2024 13:45	20850.86	21518.74	3535.98	667.88	3.71
15-12-2024 14:00	20688.41	21323.68	3452.63	635.27	3.55
15-12-2024 14:15	20709.22	21419.27	3335.38	710.05	3.93
15-12-2024 14:30	20887.89	21556.39	3232.96	668.50	3.65
15-12-2024 14:45	21089.63	21745.69	3076.68	656.06	3.51
15-12-2024 15:00	21032.83	21670.03	2913.87	637.20	3.40
15-12-2024 15:15	21031.37	21716.52	2746.65	685.15	3.61
15-12-2024 15:30	21132.09	21782.28	2550.32	650.20	3.38
15-12-2024 15:45	21246.93	21953.14	2326.48	706.21	3.60
15-12-2024 16:00	21256.21	21915.90	2068.18	659.69	3.32
15-12-2024 16:15	21622.89	22260.73	1764.17	637.84	3.11
15-12-2024 16:30	22056.38	22709.66	1426.66	653.27	3.07
15-12-2024 16:45	22142.72	22834.96	1093.97	692.24	3.18
15-12-2024 17:00	21948.61	22632.03	807.87	683.42	3.13
15-12-2024 17:15	21949.12	22659.37	583.26	710.25	3.22
15-12-2024 17:30	22374.64	23069.75	426.32	695.11	3.07
15-12-2024 17:45	22798.36	23574.50	367.87	776.15	3.34
15-12-2024 18:00	22980.94	23753.84	378.05	772.90	3.31
15-12-2024 18:15	23117.13	23806.26	406.67	689.13	2.95
15-12-2024 18:30	22955.83	23646.80	433.40	690.97	2.98
15-12-2024 18:45	22662.03	23351.29	457.42	689.25	3.01
15-12-2024 19:00	22258.50	22931.99	502.11	673.48	3.00
15-12-2024 19:15	21712.70	22313.29	548.91	600.60	2.76
15-12-2024 19:30	21034.07	21700.34	577.53	666.26	3.15
15-12-2024 19:45	20566.93	21234.86	580.18	667.93	3.23
15-12-2024 20:00	20143.99	20808.98	584.99	664.99	3.29
15-12-2024 20:15	19890.24	20567.34	592.03	677.10	3.39
15-12-2024 20:30	19555.77	20242.11	605.26	686.34	3.50
15-12-2024 20:45	19217.10	19872.83	609.93	655.73	3.40
15-12-2024 21:00	18694.74	19346.38	603.13	651.64	3.48
15-12-2024 21:15	18321.24	18959.07	603.81	637.83	3.47
15-12-2024 21:30	18044.13	18692.66	608.44	648.53	3.59
15-12-2024 21:45	17805.92	18453.47	606.82	647.55	3.63
15-12-2024 22:00	17612.78	18234.69	597.38	621.91	3.53
15-12-2024 22:15	17607.58	18240.48	591.76	632.91	3.59

<b>15-12-2024 22:30</b>	17323.70	17945.93	589.17	622.22	3.58
<b>15-12-2024 22:45</b>	17067.95	17716.57	581.34	648.62	3.79
<b>15-12-2024 23:00</b>	16814.49	17449.76	575.36	635.27	3.76
<b>15-12-2024 23:15</b>	16600.23	17183.38	565.60	583.15	3.51
<b>15-12-2024 23:30</b>	16335.42	16912.35	556.81	576.93	3.53
<b>15-12-2024 23:45</b>	16156.53	16773.78	551.81	617.25	3.81
<b>Total ( in MU)</b>	<b>13787.50</b>	<b>14293.63</b>	<b>978.48</b>	<b>506.12</b>	