

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Apr/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.345	479.450	1) Gujrat	-5.180	-15.316
2) Hydro	25.387	74.132	2) Madhya Pradesh	11.601	31.508
3) Gas	6.699	20.170	3) Chattisgarh	5.240	15.670
Total MSPGCL	197.431	573.752	4) Maharashtra	171.911	500.483
B) 1) APLM	74.907	225.719	5) Goa (Amona)	-1.314	-5.026
2) JSWEL	14.470	53.522	Total	182.258	527.319
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.890	86.025
4) RPL(AMT)	25.741	85.791	b) Mumbai Drawl	29.257	92.008
5) SWPGPL	8.900	24.301	c) MSEDCL Bilateral *	73.089	217.976
6) Other IPP	33.762	107.312	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.890	86.025
C) 1) TPCL Thermal	13.479	43.580	Include PX	0.000	0.000
2) TPCL Hydro	0.478	4.913	Standby	0.000	0.000
3) TPCL Gas	2.247	7.114	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.603	32.708	1) MSEDCL	518.763	1553.444
D) STATE			2) Mumbai Discoms	56.066	180.325
1) Thermal	347.207	1052.383	3) Other Discoms	8.312	26.074
(A1+C1+C4+(B1-B6))			TOTAL STATE	583.141	1759.843
2) Hydro (A2+C2)	25.865	79.045			
3) Gas (A3+B7+C3)	8.946	27.284			
4) Wind	10.585	47.435			
6) SOLAR	8.278	26.375			
TOTAL STATE	400.881	1232.522			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6881	6835	6833	6986
MSPGCL Hydro	509	668	901	1076
MSPGCL Gas	277	267	280	284
MSPGCL Total Generation	7667	7770	8014	8346
Central Sector Receipt	9472	9544	7027	6632
WIND	275	225	326	367
CPP / IPP Thermal	6274	6255	6439	6600
CPP / IPP Gas	0	0	0	0
SOLAR	1147	1176	0	209
Exchange with Mumbai	-1530	-1573	-1154	-907
MSEDCL DEMAND MET	23042	23143	20410	20987
Load Shedding	0	0	0	0
MSEDCL DEMAND	23042	23143	20410	20987
TPCL GENERATION	516	519	850	703
AEML GENERATION	388	359	480	478
MUMBAI DEMAND	2434	2451	2484	2088
OTHER DISCOM DEMAND	371	362	360	370
STATE DEMAND MET	25847	25956	23254	23445
STATE DEMAND	25847	25956	23254	23445
Frequency (Hz)	49.91	49.98	49.93	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 08.01 Hrs	49.76 Hz at 11.38 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 03/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	3.71	0	0
Unit 7	0.00	0.00	0	0
Unit 8	13.74	40.85	607	414
Unit 9	13.54	39.96	605	514
Unit 10	9.60	29.40	458	340
Total	36.88	113.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.66	31.52	460	410
Unit 5	10.43	31.30	455	415
Total	21.08	62.82		
Parli				
Unit 6	5.39	15.93	233	191
Unit 7	5.15	8.18	223	198
Unit 8	3.51	10.53	164	133
Total	14.05	34.65		
Chandrapur				
Unit 3	4.52	13.44	193	185
Unit 4	4.06	12.12	173	161
Unit 5	8.79	25.57	375	334
Unit 6	0.96	1.91	338	0
Unit 7	8.61	24.01	385	306
Unit 8	9.89	29.39	445	362
Unit 9	10.22	30.52	435	411
Total	47.04	136.96		
Paras				
Unit 3	5.74	17.12	247	203
Unit 4	5.55	16.22	239	195
Total	11.30	33.34		
Khaparkheda				
Unit 1	3.41	9.52	150	125
Unit 2	3.70	10.07	165	140
Unit 3	4.25	11.82	185	150
Unit 4	4.35	11.74	186	175
Unit 5	11.13	33.72	485	450
Total	26.84	76.88		
Nasik				
Unit 3	4.12	8.58	190	135
Unit 4	4.02	12.32	187	130
Unit 5	0.00	0.00	0	0
Total	8.15	20.89		
Uran				
All Units	6.70	20.17	294	256
Total	6.70	20.17		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.12	0.43	43	0
Total	0.12	0.43		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.86	14.86	535	35
Stage 4	8.42	26.65	1002	0
Stage 3	3.13	8.78	320	0
Total	17.40	50.29		
Hydro				
KDPH	0.86	2.59	36	36
VTRNA	0.54	1.66	60	0
TILLARI	0.52	1.57	58	0
BHIRA T.R.	0.09	0.49	47	0
SMLHY_PTN	5.85	17.10	257	230
GHATGHAR	0.00	0.00	0	0
Total	7.86	23.41		
Wind				
Total	10.58	47.44	0	0
Total	10.58	47.44		
CPP				
APML(Mus)	74.91	225.72	0	0
JSWEL(Mus)	14.47	53.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.74	85.79	0	0
SWPGPL-Mus	8.90	24.30	0	0
Other(Mus)	33.76	107.31	0	0
Total	157.78	496.64		
SOLAR				
Total	8.28	26.38	0	0
Total	8.28	26.38		
Tata				
Trombay 5	9.34	30.25	473	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	3.93	56	50
Trombay 7B	1.02	3.18	45	41
TATA Hydro	0.48	4.91	92	0
Trombay 8	4.14	13.33	233	134
Total	16.20	55.61		
AEML				
DTPS U-1&2	10.60	32.71	501	319
Total	10.60	32.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.34	479.45	MSPGCL Total	197.43	573.75
			MSPGCL Thml+Gas	172.04	499.62	Koyna 1,2 & 4 Total	14.28	41.51
			MSPGCL Hydro	25.39	74.13	State Total	400.88	1232.52

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Apr/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6741	1827	282	8850	666	6979	0	0	6548	6700	-1197	21674	0	21674	2509	324	24507	49.90
2	6779	2016	293	9088	738	6979	0	0	6438	6550	-1060	22001	0	22001	2347	295	24642	49.99
3	6785	2028	293	9106	772	6832	0	0	6321	6409	-949	21874	0	21874	2201	296	24371	49.95
4	6885	2105	283	9273	785	6810	0	0	6325	6424	-924	22075	0	22075	2097	293	24465	49.95
5	6965	2104	293	9362	679	6778	0	0	6231	6637	-824	22338	0	22338	2050	294	24682	49.95
6	6972	2094	284	9350	556	6788	0	0	6242	6505	-867	22002	264	22266	2105	330	24701	49.98
7	6915	1705	294	8914	457	6773	0	15	6216	6107	-817	21105	291	21396	2093	344	23833	50.01
8	6986	1076	284	8346	367	6710	0	209	6659	6632	-907	20987	0	20987	2088	370	23445	50.05
9	6778	651	292	7721	292	6281	0	513	7297	7726	-1164	20980	0	20980	2167	389	23536	50.03
10	6945	666	282	7893	369	6264	0	867	7956	7919	-1374	21558	0	21558	2260	380	24198	50.02
11	6934	512	269	7715	368	6260	0	1015	9017	8937	-1418	22503	0	22503	2379	374	25256	50.00
12	6881	509	277	7667	275	6382	0	1147	9441	9472	-1530	23042	0	23042	2434	371	25847	49.91
13	6835	668	267	7770	225	6363	0	1176	9609	9544	-1573	23143	0	23143	2451	362	25956	49.98
14	6785	547	267	7599	231	6425	0	1029	9290	9201	-1563	22570	0	22570	2403	352	25325	50.00
15	6777	662	266	7705	276	6406	0	932	9560	9521	-1528	22939	0	22939	2378	373	25690	49.97
16	6791	614	256	7661	250	6385	0	747	9914	9843	-1507	23012	0	23012	2383	367	25762	50.00
17	6751	452	267	7470	301	6380	0	447	9410	9167	-1427	21973	0	21973	2334	365	24672	49.93
18	6785	465	278	7528	307	6508	0	168	8131	7769	-1317	20602	0	20602	2292	361	23255	49.98
19	6807	349	269	7425	291	6516	0	13	7115	7212	-1207	19881	0	19881	2328	369	22578	49.97
20	6833	901	280	8014	326	6557	0	0	7024	7027	-1154	20410	0	20410	2484	360	23254	49.93
21	6992	668	270	7930	430	6572	0	0	6706	6704	-1207	20077	0	20077	2525	352	22954	49.88
22	7075	800	291	8166	487	6611	0	0	6563	6498	-1171	20241	0	20241	2555	350	23146	49.97
23	7155	841	271	8267	578	6596	0	0	6857	6958	-1294	20779	0	20779	2568	326	23673	49.95
24	7193	1126	291	8610	559	6625	0	0	6739	6797	-1278	20997	0	20997	2633	316	23946	49.95
MUs	165.35	25.39	6.70	197.43	10.59	157.78	0.00	8.28	181.61	182.26	-29.26	518.76	0.55	519.32	56.06	8.31	583.69	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 03/Apr/2022

Position as on 6.30 Hrs of 04/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	02/04/2022	00:59	04/04/2022	07:02	condenser vaccum work and esp repairing work.	
MSPGCL	Koyna Unit 3	70	03/04/2022	07:30	03/04/2022	12:45	Maintenance work	03/04/2022
MSPGCL	Koyna Unit 4	70	03/04/2022	13:10		Continued.	Maintenance work	03/04/2022
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Ghatghar Unit-2	125	11/03/2022	01:25		Continued.	TRIPPED ON SFC HEAVY FAULT WHILE TAKING ON PUMPING MODE.(PUMPING TRIAL CARRIED OUT SUCCESSFULLY FROM 20:35HRS TO 22:35HRS DT.10/03/22)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 3	210	20/03/2022	07:00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40		Continued.	Withdrawn	
MSPGCL	Chandrapur Unit 6	500	01/04/2022	02:35	03/04/2022	19:55	Turbine vibration	
MSPGCL	Uran Unit B0	120	01/04/2022	19:02		Continued.	Filter Replacement work	
MSPGCL	Uran Unit 8	108	01/04/2022	19:21		Continued.	Filter Replacement work.	
IPP	RPL(AMT) U-4	270	02/04/2022	15:30		Continued.	Bottom ash problem	
MSPGCL	Koyna Unit 2	70	02/04/2022	21:15	03/04/2022	02:30	Preventive Maintenance Work	
IPP	Adani U-3	660	04/04/2022	02:13	04/04/2022	08:01	Rotor Earth Fault	
MSPGCL	Paras Unit 4	250	04/04/2022	12:03		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	04/04/2022	11:58			PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work. 400kV SSNNL Ckt-1 A/R switch will be kept on non auto mode.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
BABHALESHWAR - RPL(NSK) CKT - 1	IntraState	02/04/2022	12:00			T	TRIPPED ON DIST. PROTN
NEW KOYNA-KARAD CKT - 2	IntraState	04/04/2022	09:36			PO	C.B. Overhauling work Shitting on TBC
400 KV ICT Outages/Trippings							
400/220KV 105 MVA SPARE ICT @ KARAD	IntraState	23/03/2022	10:14			EO	Spare ICT -1 will be taken into service through RRS in place of ICT-I R ph unit due to rising trend of various gases in ICT-I R ph unit
400/220/33 KV 315MVA ICT - 3 @ KARAD	IntraState	04/04/2022	07:20			PO	For Bushing, Winding Tan Delta, Replacement of TSR, and Pre-Monsoon Maintenance.
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	04/04/2022	07:51			PO	1) For replacement of old REF relay & 86 master trip relays under MTAMC project. 2) Maintenance and alignments of PG-1, PG-2, PG-3 Isolators and CB Isolators. 3) Servicing & maintenance of CTR make N2 injection fire protection and prevention system. 4) Applying of fire retardant cable coating to various control cables of ICT-1
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
GOREGAON - AAREY CKT - 1	IntraState	31/03/2022	10:50			PO	Under MMRC Line Diversion scheme for Metro-3 project, 220kV Outdoor termination at 220kV AEML Aarey and
AEML BORIVALI - TPC BORIVALI LINE	IntraState	31/03/2022	11:18			PO	For shifting on 220 KV NEW GIS
SALSETTE BORIVLI - 1	IntraState	31/03/2022	11:44			PO	for shifting on NEW GIS
TROMBAY - MULUND	IntraState	02/04/2022	08:58			PO	For replacement of existing conductor by HTLS conductor in BARC area.
EKLAHARE (GCR) - GHATGHAR	IntraState	02/04/2022	12:29			PO	Samruddhi Highway Monopole work, 13 No's (4 In line) All cut points , 4.28 km Stretch , Erection ,Stringing of new conductor and de stringing of old earth wire and conductor.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	02/04/2022	12:51			PO	Samruddhi Highway Monopole work, 13 No's (4 In line) All cut points , 4.28 km Stretch , Erection ,Stringing of new conductor and de stringing of old earth wire and conductor.
GOREGAON - VERSOVA CKT - 1	IntraState	02/04/2022	17:30	04/04/2022	13:05	EO	Attending of DC earth fault observed in trip circuit-1 of the line.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
HINJEWADI 2 - PEGASUS	IntraState	02/04/2022	23:29	03/04/2022	02:42	EO	Jumper connections from Cable OET to LA at Hinjewadi Phase II substation. ¿Pre-commissioning tests and charging cable on no-load followed by soak test.
BUS SECTION BREAKER	IntraState	03/04/2022	14:55	03/04/2022	15:14	EO	for raising SF6 gas pressure in 220KV bus section -3 breaker as gas pressure is on the verge of alarm
KARAD - WATHAR	IntraState	03/04/2022	18:51	03/04/2022	19:35	T	A/R successful at KARAD END
NIWALI - PAWAS LINE	IntraState	04/04/2022	09:40			PO	For cold washing of line insulator strings from loc no. 1 to 40(Niwali LILO)
NAGOTHANE - WADKHAL (GIS) CKT-1	IntraState	04/04/2022	11:19	04/04/2022	15:50	PO	Replacement of existing suspension polymer insulator at creek crossing locations, other routine maintenance work.
BIDRI - SAWANTWADI	IntraState	04/04/2022	12:21	04/04/2022	16:07	PO	For cleaning of line insulators.
KURKUMBH - RELIANCE RETAIL LIMITED (RIL)	IntraState	04/04/2022	15:40			PO	REPLACEMENT OF ICT 1 BUS SIDE ISOLATOR.
NAGOTHANE - WADKHAL (GIS) CKT-2	IntraState	04/04/2022	16:00			PO	Replacement of existing suspension polymer insulator at creek crossing locations, other routine maintenance work.
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/22 KV 50 MVA PTR 1 @ PADGHE	IntraState	25/03/2022	11:32			PO	1.Retrofiting of 86M Relay, BO/BI LVCT/PT connection to BCU under MTAMC work. 2.Arresting oil leakage from Top cover of Body by replacing all gaskets at site by opening /dismantling of accessories & installation of DM of 50MVA BHEL make Tf. 3.After complete work oil filtration & vacuum cycle will be done by pursing/injecting N2 gas .
220 / 110 / 33kV 315 MVA ICT 6 @ CARNAC	IntraState	03/04/2022	11:00			PO	FOR SHIFTING ON NEW 110 KV GIS
220/110 KV 200 MVA ICT - 2 @ ICHALKARANJI - II	IntraState	04/04/2022	09:03			PO	1)Quarterly bay maintenance work 2) Bay diagostic testing work
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	04/04/2022	09:37	04/04/2022	16:13	PO	Quarterly maintenance work
220/33KV 50MVA PTR 1 @ 5 STAR MIDC, KAGAL	IntraState	04/04/2022	10:30			PO	for HV CB overhauling work on dt. 04.04.2022 at 220 kV Five Star MIDC S/Stn.
220/132KV 200MVA ICT 1 @ KURKUMBH	IntraState	04/04/2022	15:35			PO	REPLACEMENT OF 29(A) BUS ISOLATOR
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage