

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Mar/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.298	5063.908	1) Gujrat	5.656	131.279
2) Hydro	6.701	281.012	2) Madhya Pradesh	13.284	384.356
3) Gas	6.899	211.324	3) Chattisgarh	4.650	144.780
Total MSPGCL	172.898	5556.244	4) Maharashtra	191.957	5629.491
B) 1) APLM	62.516	1992.752	5) Goa (Amona)	-2.537	-65.394
2) JSWEL	20.448	775.864	Total	213.010	6224.512
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.661	956.527
4) RPL(AMT)	31.333	882.409	b) Mumbai Drawl	36.147	1066.371
5) SWPGPL	11.164	365.572	c) MSEDCL Bilateral *	112.004	3111.700
6) Other IPP	29.931	1220.835	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.661	956.527
C) 1) TPCL Thermal	9.965	341.231	Include PX	0.000	0.000
2) TPCL Hydro	2.413	132.882	Standby	0.000	0.000
3) TPCL Gas	3.483	113.302	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.557	289.642	1) MSEDCL	522.169	16545.325
D) STATE			2) Mumbai Discoms	61.565	1943.423
1) Thermal	334.212	10932.213	3) Other Discoms	10.653	334.332
(A1+C1+C4+(B1-B6))			TOTAL STATE	594.387	18823.080
2) Hydro	9.114	413.894			
(A2+C2)					
3) Gas	10.382	324.626			
(A3+B7+C3)					
4) Wind	13.235	388.628			
6) SOLAR	14.434	520.124			
TOTAL STATE	381.377	12579.485			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5995	6834	6949	6373
MSPGCL Hydro	468	329	440	262
MSPGCL Gas	279	277	286	295
MSPGCL Total Generation	6742	7440	7675	6930
Central Sector Receipt	9638	9918	8942	8587
WIND	292	352	453	687
CPP / IPP Thermal	6229	6218	6674	6150
CPP / IPP Gas	0	0	0	0
SOLAR	2010	1244	0	307
Exchange with Mumbai	-1794	-1733	-1549	-1286
MSEDCL DEMAND MET	22654	22978	21716	20929
Load Shedding	0	0	0	0
MSEDCL DEMAND	22654	22978	21716	20929
TPCL GENERATION	604	647	746	640
AEML GENERATION	328	456	438	295
MUMBAI DEMAND	2726	2836	2733	2221
OTHER DISCOM DEMAND	463	461	479	446
STATE DEMAND MET	25843	26275	24928	23596
STATE DEMAND	25843	26275	24928	23596
Frequency (Hz)	50.01	49.93	49.94	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 18.02 Hrs	49.79 Hz at 15.41 Hrs	49.99	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 31/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.26	118.00	140	0
Unit 8	13.30	421.50	620	390
Unit 9	11.75	332.38	570	385
Unit 10	12.43	280.44	575	429
Total	37.73	1152.32		
Bhusawal				
Unit 3	2.98	106.72	130	115
Unit 4	9.32	265.77	485	290
Unit 5	9.20	227.08	470	285
Total	21.50	599.56		
Parli				
Unit 6	3.53	125.74	155	141
Unit 7	2.93	108.10	155	0
Unit 8	3.50	108.12	147	144
Total	9.96	341.96		
Chandrapur				
Unit 3	3.01	101.83	128	120
Unit 4	3.02	96.77	150	122
Unit 5	6.69	256.98	298	270
Unit 6	6.80	257.25	312	270
Unit 7	7.21	258.15	377	276
Unit 8	9.21	296.77	425	274
Unit 9	10.33	320.81	483	289
Total	46.27	1588.56		
Paras				
Unit 3	4.96	169.32	241	148
Unit 4	4.85	174.69	244	141
Total	9.81	344.00		
Khaparkheda				
Unit 1	3.78	116.36	175	115
Unit 2	4.04	127.46	200	120
Unit 3	3.82	120.67	179	137
Unit 4	4.20	127.82	193	133
Unit 5	11.53	334.23	490	460
Total	27.37	826.52		
Nasik				
Unit 3	3.27	44.46	169	118
Unit 4	3.34	110.85	181	121
Unit 5	0.05	55.66	28	0
Total	6.66	210.97		
Uran				
All Units	6.90	211.32	299	276
Total	6.90	211.32		
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)	0.25	3.64	49	0
Total	0.25	3.64		
Koyna				
Stage 1-2	1.42	59.48	240	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	47.11	0	0
Stage 3	0.45	24.17	80	0
Total	1.88	130.75		
Hydro				
KDPH	0.86	26.78	36	36
VTRNA	0.74	21.36	61	0
TILLARI	0.51	15.50	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.72	80.54	125	107
GHATGHAR	0.00	6.08	0	0
Total	4.83	150.26		
Wind				
Total	13.24	388.63	0	0
Total	13.24	388.63		
CPP				
APML(Mus)	62.52	1992.75	0	0
JSWEL(Mus)	20.45	775.86	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.33	882.41	0	0
SWPGPL-Mus	11.16	365.57	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.88	174.87	260	203
Other(Mus)	19.90	941.30	0	0
JPL	4.15	104.66	204	161
Total	155.39	5237.43		
SOLAR				
Total	14.43	520.12	0	0
Total	14.43	520.12		
Tata				
Trombay 5	6.62	224.31	356	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.12	69.40	108	40
Trombay 7B	1.36	43.90	65	37
TATA Hydro	2.41	132.88	303	4
Trombay 8	3.34	116.92	165	127
Total	15.86	587.42		
AEML				
DTPS U-1&2	9.56	289.64	498	295
Total	9.56	289.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.30	5063.91	MSPGCL Total	172.90	5556.24
			MSPGCL Thml+Gas	166.20	5275.23	Koyna 1,2 & 4 Total	1.42	106.58
			MSPGCL Hydro	6.70	281.01	State Total	381.38	12579.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/Mar/2024

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	*Transmission Constraint					
1	7000	201	294	7495	827	6991	0	0	8353	7940	-1282	21553	0	0	21553	2679	418	24650	49.99
2	6974	205	295	7474	902	6729	0	0	8419	8152	-1255	21593	0	0	21593	2518	409	24520	49.95
3	6958	199	295	7452	753	6465	0	0	8521	8444	-1173	21564	0	0	21564	2356	377	24297	49.96
4	6932	199	297	7428	733	6461	0	0	8531	8314	-1117	21466	0	0	21466	2229	353	24048	50.00
5	7062	191	299	7552	734	6546	0	0	8533	8383	-1133	21689	0	0	21689	2176	393	24258	49.99
6	7039	201	299	7539	785	6421	0	0	8904	8646	-1132	21843	0	0	21843	2226	416	24485	49.96
7	6990	259	297	7546	718	6468	0	29	9015	8724	-1165	21885	0	0	21885	2230	435	24550	50.07
8	6373	262	295	6930	687	6150	0	307	8739	8587	-1286	20929	0	0	20929	2221	446	23596	50.09
9	6028	333	290	6651	594	6217	0	838	8733	8741	-1416	21165	0	0	21165	2332	460	23957	49.99
10	6211	258	288	6757	511	6109	0	1382	9148	8770	-1665	21398	0	0	21398	2481	466	24345	49.95
11	5716	242	280	6238	465	6156	0	1886	9805	9873	-1747	22407	0	0	22407	2638	464	25509	49.95
12	5995	468	279	6742	292	6229	0	2010	9413	9638	-1794	22654	0	0	22654	2726	463	25843	50.01
13	6067	330	278	6675	223	6127	0	2090	9547	9221	-1876	22006	0	0	22006	2764	454	25224	50.04
14	5579	330	276	6185	255	6124	0	1961	9742	9717	-1910	21876	0	0	21876	2749	456	25081	50.06
15	5851	325	276	6452	300	6208	0	1616	9863	10066	-1901	22291	0	0	22291	2752	450	25493	49.95
16	6834	329	277	7440	352	6218	0	1244	9791	9918	-1733	22978	0	0	22978	2836	461	26275	49.93
17	7001	249	280	7530	367	6289	0	737	9603	9831	-1710	22571	0	0	22571	2682	473	25726	49.98
18	6983	313	281	7577	454	6344	0	276	9447	9077	-1680	21552	0	0	21552	2627	496	24675	49.97
19	6777	311	283	7371	398	6370	0	58	8827	8879	-1578	21022	0	0	21022	2616	476	24114	50.03
20	6949	440	286	7675	453	6674	0	0	8942	8942	-1549	21716	0	0	21716	2733	479	24928	49.94
21	6854	390	284	7528	572	6799	0	0	8406	8568	-1544	21453	0	0	21453	2768	470	24691	49.99
22	6945	260	289	7494	663	7044	0	0	8149	7799	-1500	21052	0	0	21052	2755	448	24255	49.98
23	6955	214	290	7459	603	7098	0	0	8339	8364	-1467	21611	0	0	21611	2738	446	24795	49.98
24	7225	192	291	7708	594	7155	0	0	8336	8416	-1534	21896	0	0	21896	2733	443	25072	50.01
MUs	159.30	6.70	6.90	172.90	13.23	155.39	0.00	14.43	215.11	213.01	-36.15	522.17	0.00	0.00	522.17	61.56	10.65	594.39	49.99

NOTE : ALL VALUES IN MW

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

*Load Shedding due to Transmission Constraint :-

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Mar/2024

Position as on 6.30 Hrs of 01/Apr/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Major overhaul.	05/04/2024
MSPGCL	Koyna Unit 11	80	10/07/2023	09:40		Continued.	Capital Overhaul	10/04/2024
MSPGCL	Nasik Unit 5	210	19/03/2024	17:40	31/03/2024	22:27	Withdrawn On Tolling.	
Total Capacity MSPGCL		398						
Total Capacity PLANNED OUTAGE		398						
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Ghatghar Unit-1	125	11/03/2024	18:40		Continued.	GM Link Fault	02/04/2024
MSPGCL	Parli Unit 7	250	27/03/2024	05:38	31/03/2024	02:17	Boiler Tube Leakage	30/03/2024
MSPGCL	Koradi Unit 6	210	31/03/2024	01:55		Continued.	Boiler Tube Leakage	02/04/2024
Total Capacity MSPGCL		705						
IPP								
IPP	JSW (J) U1	300	24/03/2024	00:06		Continued.	CW duct leakage.	01/04/2024
Total Capacity IPP		300						
CENT.SECTOR								
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.	31/08/2024
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.	30/09/2024
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		1325						
FORCED OUTAGE DUE TO NO PPA								
MSPGCL								
MSPGCL	Uran Unit 6	108	29/03/2024	20:16		Continued.	For open cycle No schedule from MSEDCL.	
Total Capacity MSPGCL		108						
IPP								
IPP	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Mar/2024

Position as on 6.30 Hrs of 01/Apr/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Total Capacity IPP		988						
Total Capacity FORCED OUTAGE DUE TO NO PPA		1096						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 01/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
AKOLA II - EKTUNI CKT - 2	IntraState	31/03/2024	10:42	31/03/2024	18:15	PO	Changeover of spare Reactor with R ph (765 KV Akola -Ektuni Line-02 reactor) for Cable replacement of mechanical protection and CTs for R ph (Akola - Ektuni line-02 Reactor) at Ektuni.
400 KV LINE Outages/Trippings							
TALANDGE - KOLHAPUR (PG) CKT - 1	InterState	30/03/2024	17:47	31/03/2024	03:13	PO	Line Bay AMP works & attended Shutdown nature defects. AR in non auto of CKT#2
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVar bus reactor by new 125 MVar bus reactor.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	28/03/2024	23:52			HT	For load management of Talegaon Chakan line
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/220/33 KV 501MVA ICT - 4 @ BABHALESHWAR	IntraState	29/03/2024	10:05	31/03/2024	01:31	PO	For Rapid Restoration scheme Work, DFRA, Quarterly Bay Maintenance Work
220 KV LINE Outages/Trippings							
URAN - KHARGHAR 2	IntraState	14/02/2024	08:41			PO	For making LILO of 220kV cable at 220kV Ulwe GIS &Waghiwali & Retrofitting of "DIFF" relay at 400kV KHARGHAR s/s.
ALEPHATA-PARGAON(KATHAPUR)	IntraState	16/03/2024	01:34			HT	Hand Tripped
ALKUD - VITA	IntraState	30/03/2024	17:16	31/03/2024	01:13	PO	Polymer insulator replacement work
WAGHIVALI - DHARAVI 8	IntraState	30/03/2024	23:05	31/03/2024	18:05	PO	PROJECT WORK IN VICINITY
KANDALGAON - KOYNA (POPHALI)	IntraState	31/03/2024	07:20	31/03/2024	18:55	PO	Damaged conductor & Cross arm attending work at Loc No.238 & Other Line Maintenance work.
220 KV CHANDRAPUR GCR (400 KV) - WANI CKT	IntraState	31/03/2024	09:11	31/03/2024	14:52	PO	FOR FIXING OF BIRD DIVERTER ON CONDUCTOR BY AGENCY M/S. TRAFOTECH SYSTEM PVT. LTD. MUMBAI.
KALWA - SALESETTE CKT - 5	IntraState	31/03/2024	09:23	31/03/2024	19:13	PO	Conductor replacement of 110kV Kalyan-Kalwa-Salsette 2 line in section Kalwa to Salsette in span between 15-19
BALAPUR-AKOLA I	IntraState	31/03/2024	09:25	31/03/2024	12:30	PO	ISOLATOR MAINTENANCE BY OUTSIDE AGENCY
BORIVALI - BOISAR (PG)	IntraState	31/03/2024	09:45	31/03/2024	19:38	PO	Replacement of Disc Insulator broken at Loc No. 107 Y-Ph PGCIL side.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 01/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BORIVALI - TARAPUR	IntraState	31/03/2024	09:47	31/03/2024	18:26	PO	Outage is required on 220kV Tarapur - Borivali Line (for safety purpose) during Replacement of Disc Insulator broken at Loc No. 107 Y-Ph PGCIL side on 220kV PGCIL - Borivali Line as both lines are on same M/C Tower.
BALAPUR-AKOLA II	IntraState	31/03/2024	15:12	31/03/2024	17:44	PO	ISOLATOR MAINTENANCE BY OUTSIDE AGENCY
KANDALGAON - PIRANGUT	IntraState	31/03/2024	16:57	31/03/2024	20:22	HT	For load Management
BORIVALI - BOISAR (PG)	IntraState	31/03/2024	19:39	31/03/2024	23:59	HT	Emergency H/T due to heavy sparking observed at Borivali end.
220 KV ICT Outages/Trippings							
220/33 KV 50MVA PTR 2	IntraState	27/03/2024	10:27			HT	Overhauling of hv gis hybrid pass (abb make) at 220kV Jalna S/S
220 / 110 / 23kV 250 MVA ICT 3 @ SALSETTE	IntraState	01/04/2024	01:27	01/04/2024	02:17	PO	Oil top-up in OLTC conservator tank.
220 KV BUSBAR Outages/Trippings							
GIS BUS - 2 @ WAGHIVALI	IntraState	30/03/2024	22:59	31/03/2024	18:15	PO	PROJECT WORK-FOR DOCKING OF NEW BAYS
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.

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