

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Mar/2024 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.136	4022.306	1) Gujrat	5.655	102.901
2) Hydro	7.198	215.823	2) Madhya Pradesh	11.149	304.679
3) Gas	6.928	169.635	3) Chattisgarh	4.910	116.990
Total MSPGCL	172.262	4407.764	4) Maharashtra	165.213	4445.268
B) 1) APLM	62.238	1581.481	5) Goa (Amona)	-2.595	-48.294
2) JSWEL	20.594	651.218	Total	184.332	4921.544
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.733	750.924
4) RPL(AMT)	31.143	709.446	b) Mumbai Drawl	32.741	838.896
5) SWPGPL	12.080	296.225	c) MSEDCL Bilateral *	86.627	2459.815
6) Other IPP	27.450	1040.974	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.733	750.924
C) 1) TPCL Thermal	10.211	274.539	Include PX	0.000	0.000
2) TPCL Hydro	2.301	103.588	Standby	0.000	0.000
3) TPCL Gas	3.365	89.188	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.868	227.303	1) MSEDCL	493.914	13271.847
D) STATE			2) Mumbai Discoms	56.486	1533.509
1) Thermal	329.720	8803.492	3) Other Discoms	10.556	269.674
(A1+C1+C4+(B1-B6))			TOTAL STATE	560.956	15075.030
2) Hydro	9.499	319.411			
(A2+C2)					
3) Gas	10.293	258.823			
(A3+B7+C3)					
4) Wind	10.614	327.388			
6) SOLAR	16.498	429.172			
TOTAL STATE	376.624	10138.286			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5778	6405	7224	7213
MSPGCL Hydro	422	241	515	244
MSPGCL Gas	279	280	287	292
MSPGCL Total Generation	6479	6926	8026	7749
Central Sector Receipt	8076	7881	6942	7269
WIND	320	255	476	552
CPP / IPP Thermal	6125	6184	6468	6407
CPP / IPP Gas	0	0	0	0
SOLAR	2082	1381	0	0
Exchange with Mumbai	-1375	-1439	-1396	-1548
MSEDCL DEMAND MET	21255	20701	20044	19983
Load Shedding	0	0	0	0
MSEDCL DEMAND	21255	20701	20044	19983
TPCL GENERATION	573	569	735	770
AEML GENERATION	284	441	399	310
MUMBAI DEMAND	2232	2449	2530	2628
OTHER DISCOM DEMAND	452	487	472	446
STATE DEMAND MET	23939	23637	23046	23057
STATE DEMAND	23939	23637	23046	23057
Frequency (Hz)	50.03	49.91	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 18.02 Hrs	49.74 Hz at 16.46 Hrs	49.98	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 25/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.98	96.54	190	125
Unit 8	13.24	337.72	660	390
Unit 9	12.28	251.41	575	386
Unit 10	11.88	202.87	575	400
Total	41.39	888.54		
Bhusawal				
Unit 3	3.08	86.24	170	120
Unit 4	9.25	215.25	500	290
Unit 5	5.87	164.66	500	0
Total	18.20	466.14		
Parli				
Unit 6	3.55	101.73	151	143
Unit 7	3.47	100.30	155	137
Unit 8	3.52	82.76	149	144
Total	10.55	284.78		
Chandrapur				
Unit 3	3.00	82.07	135	115
Unit 4	3.10	75.62	173	120
Unit 5	6.95	208.30	390	270
Unit 6	7.16	208.57	380	270
Unit 7	7.61	206.58	425	290
Unit 8	8.87	237.44	420	275
Unit 9	9.39	255.30	489	288
Total	46.09	1273.88		
Paras				
Unit 3	4.66	136.91	242	147
Unit 4	4.73	141.26	246	147
Total	9.38	278.18		
Khaparkheda				
Unit 1	3.41	93.27	180	115
Unit 2	4.06	100.91	195	124
Unit 3	3.74	96.27	173	130
Unit 4	4.12	101.11	194	130
Unit 5	11.00	266.37	485	300
Total	26.33	657.94		
Nasik				
Unit 3	3.14	28.16	143	123
Unit 4	3.04	89.08	141	121
Unit 5	0.00	55.61	0	0
Total	6.18	172.85		
Uran				
All Units	6.93	169.64	300	275
Total	6.93	169.64		
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)	0.03	2.39	23	0
Total	0.03	2.39		
Koyna				
Stage 1-2	1.89	46.70	285	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	31.68	0	0
Stage 3	0.54	17.86	160	0
Total	2.43	96.24		
Hydro				
KDPH	0.86	21.60	36	36
VTRNA	0.90	16.70	60	0
TILLARI	0.70	12.31	66	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.31	64.20	99	91
GHATGHAR	0.00	4.77	0	0
Total	4.77	119.58		
Wind				
Total	10.61	327.39	0	0
Total	10.61	327.39		
CPP				
APML(Mus)	62.24	1581.48	0	0
JSWEL(Mus)	20.59	651.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.14	709.45	0	0
SWPGPL-Mus	12.08	296.22	0	0
Dhariwal	0.00	0.00	0	0
IEPL	4.60	139.90	206	158
Other(Mus)	22.85	817.89	0	0
JPL	0.00	83.18	0	0
Total	153.50	4279.34		
SOLAR				
Total	16.50	429.17	0	0
Total	16.50	429.17		
Tata				
Trombay 5	6.74	180.91	324	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.04	54.36	108	40
Trombay 7B	1.32	34.82	65	36
TATA Hydro	2.30	103.59	202	5
Trombay 8	3.47	93.63	173	129
Total	15.88	467.32		
AEML				
DTPS U-1&2	7.87	227.30	441	284
Total	7.87	227.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.14	4022.31	MSPGCL Total	172.26	4407.76
			MSPGCL Thml+Gas	165.06	4191.94	Koyna 1,2 & 4 Total	1.89	78.39
			MSPGCL Hydro	7.20	215.82	State Total	376.62	10138.29

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	6927	172	295	7394	650	6851	0	0	8309	8213	-1413	21294	0	0	21294	2513	401	24208	49.93	
2	6858	177	295	7330	599	6998	0	0	8115	8028	-1321	21259	0	0	21259	2363	375	23997	49.95	
3	7088	177	296	7561	641	7018	0	0	7839	7614	-1212	21256	0	0	21256	2219	366	23841	49.98	
4	6926	180	297	7403	572	6911	0	0	7708	7786	-1140	21165	0	0	21165	2122	367	23654	50.01	
5	7040	284	298	7622	548	7020	0	0	7665	8041	-1107	21761	0	0	21761	2084	363	24208	49.97	
6	7375	180	300	7855	620	6953	0	0	7922	7757	-1151	21639	0	0	21639	2150	395	24184	49.97	
7	6936	240	298	7474	634	6643	0	29	8092	7503	-1054	20813	0	8	20813	2150	416	23379	50.05	
8	6589	290	298	7177	579	6282	0	355	7444	7830	-1125	20668	0	1	20668	2136	430	23234	50.03	
9	6030	465	291	6786	421	6077	0	1027	7237	7648	-1243	20273	0	0	20273	2185	443	22901	50.04	
10	5690	698	290	6678	317	6134	0	1593	7383	7749	-1358	20658	0	0	20658	2224	455	23337	49.99	
11	5778	422	279	6479	320	6125	0	2082	7877	8076	-1375	21255	0	1	21255	2232	452	23939	50.03	
12	5844	299	278	6421	264	5970	0	2311	8171	7997	-1396	21095	0	5	21095	2258	472	23825	49.98	
13	5548	233	275	6056	163	5859	0	2279	8293	8313	-1498	20698	0	5	20698	2353	474	23525	49.96	
14	5541	289	275	6105	140	5866	0	2236	7965	8019	-1539	20359	0	5	20359	2425	468	23252	49.98	
15	5799	252	278	6329	138	5915	0	1945	8222	8379	-1514	20715	0	3	20715	2434	477	23626	49.92	
16	6405	241	280	6926	255	6184	0	1381	7988	7881	-1439	20701	0	3	20701	2449	487	23637	49.91	
17	7008	235	280	7523	309	6152	0	896	7585	7141	-1368	20181	0	2	20181	2405	472	23058	49.91	
18	6837	299	280	7416	360	6177	0	351	7518	7298	-1464	19657	0	0	19657	2387	481	22525	50.05	
19	6604	347	285	7236	415	6291	0	13	6975	7009	-1416	19067	0	0	19067	2408	481	21956	50.01	
20	7224	515	287	8026	476	6468	0	0	7087	6942	-1396	20044	0	0	20044	2530	472	23046	50.00	
21	6889	314	291	7494	501	6360	0	0	7555	7140	-1547	19489	0	0	19489	2580	459	22528	50.01	
22	6682	409	292	7383	524	6267	0	0	7329	7424	-1562	19576	0	0	19576	2606	460	22642	49.96	
23	7213	244	292	7749	552	6407	0	0	7443	7269	-1548	19983	0	0	19983	2628	446	23057	49.97	
24	7305	236	298	7839	616	6577	0	0	7805	7275	-1555	20310	0	0	20310	2645	442	23397	50.01	
MUs	158.14	7.20	6.93	172.26	10.61	153.50	0.00	16.50	185.53	184.33	-32.74	493.91	0.00	0.03	493.91	56.49	10.56	560.96	49.98	

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 :-

1)ELR Carried out due to 132kV BBLR - Rahuri Line Overload-488Amp/104 MW at 132kV Rahuri S/stn.

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Mar/2024

Position as on 6.30 Hrs of 26/Mar/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.	28/03/2024
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		Continued.	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	28/03/2024
MSPGCL	Uran Unit 6	108	12/03/2024	20:15		Continued.	For open cycle No schedule from MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	22/03/2024	09:58	25/03/2024	04:34	Boiler Tube Leakage	25/03/2024
MSPGCL	Bhusawal Unit 4	500	26/03/2024	07:08		Continued.	Class A protection operated	
Total Capacity MSPGCL		1353						
IPP								
IPP	JSW (J) U1	300	24/03/2024	00:06		Continued.	CW duct leakage.	29/03/2024
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.	01/04/2024
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.	01/05/2024
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		1973						
FORCED OUTAGE DUE TO NO PPA								
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)	
IPP	JPL Unit 2	150	20/03/2024	00:00		Continued.	Non availability of schedule	
IPP	JPL Unit 1	150	22/03/2024	00:00		Continued.	Non availability of schedule	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Mar/2024

Position as on 6.30 Hrs of 26/Mar/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Total Capacity IPP		1288						
Total Capacity FORCED OUTAGE DUE TO NO PPA		1288						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2024

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	19/03/2024	12:23			PO	Major maintenance of GIS bay no.18
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 - 1	IntraState	14/02/2024	06:42			HT	H/T for controlling loading of 400kV Talegaon-Chakan
PADGHE - KALWA CKT - 1	IntraState	23/03/2024	01:01	25/03/2024	23:08	PO	Outage on 400kV Kalwa-Padgha Ckt.1 Line for Removing the tapping arrangement of 400kV Kalwa-Padgha Ckt.1 from (Loc no. 1113) on 400kV Kalwa-Kharghar line (loc no 167) using ERS towers & Restore 400KV Kalwa-Kharghar Line & continue the outage on 400kV Kalwa-Padgha Ckt.1 Line on continuous basis for replacement of proposed balance existing conductor by HTLS Conductor till 25.03.2024.
NAGOTHANE - DABHOL CKT - 2	IntraState	25/03/2024	00:42	25/03/2024	01:49	T	Tripped on distance protection from dabhol end only.
CHANDRAPUR - KHAPERKHEDA	IntraState	25/03/2024	15:57	25/03/2024	20:51	T	Tripped on R ph to earth
CHANDRAPUR - KHAPERKHEDA	IntraState	25/03/2024	15:57	25/03/2024	20:51	T	C .END-- Z1 R PH IF-3.44 KA 107.0 KM K.END-- R PH Z1 45.12 KM IF-3.14 KA
400 KV ICT Outages/Trippings							
400/220KV 315 MVA ICT - 2 @ BOISAR PG	InterState	24/03/2024	18:21			PO	AMP work, Dia to be kept open at both sides
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 - 1 @ VIKHROLI GIS	IntraState	10/02/2024	15:19			HT	H/T For LV side only
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/220KV 500 MVA ICT - 2 @ VIKHROLI GIS	IntraState	10/02/2024	18:31			HT	H/T For LV only.
400/220/33 KV 315MVA ICT - 2 @ AKOLA	IntraState	04/03/2024	11:26			PO	Internal inspection of 315 MVA ICT 02 by agency M/s Mahati Electrical.
400/220/33 KV 500MVA ICT - 3 @ BABHALESHWAR	IntraState	25/03/2024	09:27			PO	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.
KARAD - DASGAON	IntraState	28/02/2024	18:03			PO	For Erection & Stringing of In-line narrow base multi circuit tower (Loc No.150,151 & 152) of New 220kV Karad-Koyana line
ALEPHATA-PARGAON(KATHAPUR)	IntraState	16/03/2024	01:34			HT	Hand Tripped
VARKUTI- HIWARWADI	IntraState	24/03/2024	14:50	25/03/2024	00:06	PO	Old Insulator replacement work by long rod at Loc No 166 to 230
PADGHE - KAMBA 1	IntraState	25/03/2024	02:21	25/03/2024	12:20	T	Tripped on distance protection
JEJURI (400kV) - LONAND CKT - 1	IntraState	25/03/2024	11:01	25/03/2024	14:11	PO	Load Trimming Scheme Work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KARAD - WATHAR	IntraState	25/03/2024	11:11			PO	For foundation work of 220kV Narrow base multi ckt tower loc no. 200A of New 220kV Karad-Koyana line
LAMBOTI - KARKAMB	IntraState	25/03/2024	14:20	25/03/2024	20:12	PO	Cold line cleaning of Disc insulator & Replacement of faulty string.
VARKUTI- HIWARWADI	IntraState	25/03/2024	15:07			PO	Old Insulator replacement work by long rod at Loc No 166 to 230
GADCHANDUR - UTCL CKT - I	IntraState	25/03/2024	18:34	25/03/2024	19:30	T	G.END--R PH Z1 7.407 KA 6.31 KM
220 KV ICT Outages/Trippings							
220/132KV 100MVA ICT 3 @ PANDHARPUR	IntraState	21/02/2024	10:23			PO	AUGUMENTATION OF ICT 3 FROM 100MVA ICT TO NEW 200MVA ICT
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