

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Mar/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	172.074	4194.380	1) Gujrat	5.257	108.158
2) Hydro	9.770	225.593	2) Madhya Pradesh	12.390	317.069
3) Gas	6.937	176.572	3) Chattisgarh	5.680	122.670
Total MSPGCL	188.781	4596.545	4) Maharashtra	190.376	4635.644
B) 1) APLM	68.650	1650.131	5) Goa (Amona)	-3.077	-51.371
2) JSWEL	20.528	671.746	Total	210.626	5132.170
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.379	787.303
4) RPL(AMT)	31.284	740.730	b) Mumbai Drawl	40.569	879.465
5) SWPGPL	11.997	308.222	c) MSEDCL Bilateral *	94.211	2554.027
6) Other IPP	25.362	1066.336	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.379	787.303
C) 1) TPCL Thermal	9.940	284.479	Include PX	0.000	0.000
2) TPCL Hydro	5.735	109.323	Standby	0.000	0.000
3) TPCL Gas	4.129	93.317	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.090	236.393	1) MSEDCL	534.113	13806.564
D) STATE			2) Mumbai Discoms	69.463	1602.972
1) Thermal	348.925	9152.417	3) Other Discoms	10.730	280.404
(A1+C1+C4+(B1-B6))			TOTAL STATE	614.306	15689.940
2) Hydro (A2+C2)	15.505	334.916			
3) Gas (A3+B7+C3)	11.066	269.889			
4) Wind	11.491	338.879			
6) SOLAR	16.693	445.865			
TOTAL STATE	403.680	10541.966			

* 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 3 Hrs
MSPGCL Thermal	7131	7250	7652	7122
MSPGCL Hydro	717	491	548	177
MSPGCL Gas	283	282	288	294
MSPGCL Total Generation	8131	8023	8488	7593
Central Sector Receipt	9353	9991	9207	7258
WIND	233	343	594	574
CPP / IPP Thermal	6659	6758	6956	6165
CPP / IPP Gas	0	0	0	0
SOLAR	2328	1422	0	0
Exchange with Mumbai	-2201	-2095	-1703	-1211
MSEDCL DEMAND MET	24014	23951	23042	20035
Load Shedding	0	0	0	0
MSEDCL DEMAND	24014	23951	23042	20035
TPCL GENERATION	892	1004	994	692
AEML GENERATION	379	382	463	295
MUMBAI DEMAND	3472	3481	3160	2198
OTHER DISCOM DEMAND	489	491	500	344
STATE DEMAND MET	27975	27923	26702	22577
STATE DEMAND	27975	27923	26702	22577
Frequency (Hz)	50.04	49.97	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 05.02 Hrs	49.66 Hz at 10.08 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 26/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.20	100.74	190	160
Unit 8	14.08	351.81	625	512
Unit 9	13.86	265.27	615	507
Unit 10	12.81	215.68	575	500
Total	44.96	933.50		
Bhusawal				
Unit 3	3.41	89.64	180	120
Unit 4	3.54	218.78	500	0
Unit 5	10.38	175.04	495	320
Total	17.32	483.46		
Parli				
Unit 6	3.96	105.69	220	145
Unit 7	3.83	104.13	223	140
Unit 8	4.15	86.90	250	146
Total	11.94	296.72		
Chandrapur				
Unit 3	3.25	85.32	156	120
Unit 4	3.51	79.13	172	123
Unit 5	7.80	216.10	410	270
Unit 6	8.09	216.66	419	270
Unit 7	8.29	214.87	439	289
Unit 8	10.03	247.46	425	379
Unit 9	10.82	266.12	488	378
Total	51.78	1325.66		
Paras				
Unit 3	5.52	142.44	242	190
Unit 4	5.63	146.90	254	180
Total	11.16	289.33		
Khaparkheda				
Unit 1	3.90	97.17	175	120
Unit 2	4.40	105.32	195	162
Unit 3	4.04	100.31	173	156
Unit 4	4.51	105.62	192	181
Unit 5	10.94	277.32	480	390
Total	27.80	685.73		
Nasik				
Unit 3	3.56	31.72	171	122
Unit 4	3.56	92.63	174	123
Unit 5	0.00	55.61	0	0
Total	7.12	179.97		
Uran				
All Units	6.94	176.57	297	278
Total	6.94	176.57		
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)	0.26	2.65	53	0
Total	0.26	2.65		
Koyna				
Stage 1-2	2.03	48.74	260	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.18	33.86	402	0
Stage 3	0.90	18.76	240	0
Total	5.11	101.35		
Hydro				
KDPH	0.86	22.46	36	36
VTRNA	0.74	17.44	60	0
TILLARI	0.66	12.97	63	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.40	66.60	106	95
GHATGHAR	0.00	4.77	0	0
Total	4.66	124.24		
Wind				
Total	11.49	338.88	0	0
Total	11.49	338.88		
CPP				
APML(Mus)	68.65	1650.13	0	0
JSWEL(Mus)	20.53	671.75	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.28	740.73	0	0
SWPGPL-Mus	12.00	308.22	0	0
Dhariwal	0.00	0.00	0	0
IEPL	4.95	144.85	231	202
Other(Mus)	20.16	838.05	0	0
JPL	0.25	83.43	115	0
Total	157.82	4437.16		
SOLAR				
Total	16.69	445.86	0	0
Total	16.69	445.86		
Tata				
Trombay 5	6.66	187.57	357	263
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	56.95	108	107
Trombay 7B	1.54	36.37	65	64
TATA Hydro	5.74	109.32	425	96
Trombay 8	3.28	96.91	173	127
Total	19.80	487.12		
AEML				
DTPS U-1&2	9.09	236.39	479	282
Total	9.09	236.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	172.07	4194.38	MSPGCL Total	188.78	4596.54
			MSPGCL Thml+Gas	179.01	4370.95	Koyna 1,2 & 4 Total	4.21	82.60
			MSPGCL Hydro	9.77	225.59	State Total	403.68	10541.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	7176	174	294	7644	649	6291	0	0	7728	7549	-1453	20276	0	0	20276	2528	404	23208	49.90
2	7118	179	294	7591	568	6145	0	0	7707	7603	-1333	20206	0	0	20206	2346	368	22920	49.97
3	7122	177	294	7593	574	6165	0	0	7551	7258	-1211	20035	0	0	20035	2198	344	22577	49.98
4	6924	178	294	7396	572	6212	0	0	7374	7529	-1118	20249	0	0	20249	2109	342	22700	49.98
5	7258	173	295	7726	486	6532	0	0	7396	7478	-1135	20732	0	0	20732	2079	355	23166	50.05
6	7409	173	296	7878	472	6871	0	0	7648	7749	-1185	21410	0	0	21410	2181	375	23966	50.03
7	7244	239	297	7780	386	6816	0	36	8036	8292	-1219	21677	0	6	21677	2309	414	24400	49.99
8	6710	234	296	7240	272	6709	0	399	8391	8779	-1234	21724	0	3	21724	2481	441	24646	50.02
9	6741	312	289	7342	199	6542	0	1063	9015	9055	-1595	22148	0	0	22148	2819	458	25425	49.99
10	6791	603	290	7684	213	6209	0	1652	9543	9455	-1921	22817	0	0	22817	3123	475	26415	49.94
11	6927	890	288	8105	296	6305	0	2120	10109	9803	-2125	24018	0	8	24018	3360	486	27864	49.93
12	7131	717	283	8131	233	6659	0	2328	9794	9353	-2201	24014	0	29	24014	3472	489	27975	50.04
13	6766	416	282	7464	223	6330	0	2334	9859	9946	-2197	23620	0	2	23620	3461	480	27561	50.02
14	6497	432	278	7207	232	6058	0	2193	9869	9972	-2170	23014	0	1	23014	3369	478	26861	50.01
15	7048	386	278	7712	284	6422	0	1909	9715	9856	-2075	23639	0	0	23639	3458	469	27566	49.97
16	7250	491	282	8023	343	6758	0	1422	10248	9991	-2095	23951	0	110	23951	3481	491	27923	49.97
17	7081	493	282	7856	488	6792	0	891	10191	10034	-2010	23536	0	163	23536	3444	515	27495	49.95
18	7300	583	285	8168	549	6828	0	319	9623	9504	-2000	22861	0	14	22861	3331	507	26699	50.01
19	7483	417	283	8183	538	6876	0	27	8953	8768	-1796	22090	0	0	22090	3187	506	25783	49.99
20	7652	548	288	8488	594	6956	0	0	9374	9207	-1703	23042	0	0	23042	3160	500	26702	49.98
21	7679	406	295	8380	869	6933	0	0	8703	8288	-1705	22286	0	0	22286	3037	479	25802	50.01
22	7472	404	290	8166	857	6747	0	0	8173	8466	-1689	22065	0	0	22065	2912	482	25459	49.94
23	7596	495	290	8381	833	6779	0	0	8160	8414	-1727	22254	0	0	22254	2834	426	25514	49.92
24	7699	650	294	8643	761	6886	0	0	8587	8277	-1672	22448	0	0	22448	2784	447	25679	49.96
MUs	172.07	9.77	6.94	188.78	11.49	157.82	0.00	16.69	211.75	210.63	-40.57	534.11	0.00	0.34	534.11	69.46	10.73	614.31	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 MIDC-Sonewadi, 132KV BBLSR-Rahuri line overload.2) ELR carried out due to overloading of 400KV Chakan-Talegaon line.3) ELR carried out due to ICT overload at Lonikand and Hinjewadi S/stn.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Mar/2024

Position as on 6.30 Hrs of 27/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 4	500	26/03/2024	07:08	27/03/2024	22:20	Class A protection operated	27/03/2024
MSPGCL	Parli Unit 7	250	27/03/2024	05:38		Continued.	Boiler Tube Leakage	30/03/2024
Total Capacity MSPGCL		1103						
IPP								
IPP	JSW (J) U1	300	24/03/2024	00:06		Continued.	CW duct leakage.	29/03/2024
IPP	Adani U-5	660	27/03/2024	01:36		Continued.	HP Bypass Steam Leakage	27/03/2024
Total Capacity IPP		960						
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		2383						
FORCED OUTAGE DUE TO NO PPA								
IPP								
IPP	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	PGPL U1	262	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	26/03/2024	23:12	Non availability of schedule	27/03/2024

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Mar/2024

Position as on 6.30 Hrs of 27/Mar/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JPL Unit 1	150	22/03/2024	00:00	26/03/2024	17:59	Non availability of schedule	
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 26/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY - 411 OF WARDHA PGCIL @ KORADI 2	IntraState	26/03/2024	10:41			PO	Overhauling of Circuit breaker
400 KV MAINBAY Outages/Trippings							
MAIN BAY (401) OF BUS REACTOR @ ALKUD	IntraState	26/03/2024	12:32	26/03/2024	18:24	PO	Diagnostic testing & Maintenance work
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	19/03/2024	12:23			PO	Major maintenance of GIS bay no.18
LAMBOTI - SOLAPUR (PG)	InterState	26/03/2024	13:13	26/03/2024	14:09	T	Tripped at Lamboti (solapur end)
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
TBC @ KOLHAPUR(TALANDGE)	IntraState	26/03/2024	15:18	26/03/2024	19:52	PO	Quarterly Maintenance work.
400 KV ICT Outages/Trippings							
400/220KV 315 MVA ICT - 2 @ BOISAR PG	InterState	24/03/2024	18:21	26/03/2024	08:04	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	27/03/2024	05:11	PO	Rapid Restoration Scheme work;DFRA;Quarterly bay maintenance work
220 KV LINE Outages/Trippings							
PARLI (OLD GCR) - PARLY (PG) CKT 1	InterState	26/03/2024	11:14	26/03/2024	15:23	PO	Routine Maintenance work
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
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
VARKUTI- HIWARWADI	IntraState	25/03/2024	15:07			PO	Old Insulator replacement work by long rod at Loc No 166 to 230
WANI-WARORA 1	IntraState	26/03/2024	07:33	26/03/2024	17:55	PO	Fixing of Bird Diverter
POPHLI PEDHMBE LINE- 2	IntraState	26/03/2024	10:15	27/03/2024	03:25	T	Tripped on distance protection
PARAS-BALAPUR III	IntraState	26/03/2024	10:44	26/03/2024	15:48	PO	Replacement of Distance relay
AMRAPUR - TAPTITANDA CKT - 2	IntraState	26/03/2024	11:05	26/03/2024	17:55	T	Distance Protection
CHAKAN-BHOSARI 1	IntraState	26/03/2024	11:12	26/03/2024	18:41	HT	HT for Load Management
MUDSHINGI - CHIKODI	IntraState	26/03/2024	12:16	26/03/2024	16:40	T	Distance Protection

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
POPHLI PEDHMBE LINE- 2	IntraState	26/03/2024	12:30	26/03/2024	17:05	PO	For replacement of rusted and damaged ball rod of insulator strings at loc no 03 bottom ph and other maintenance work.
NAGOTHANE - POSCO	IntraState	26/03/2024	13:05	26/03/2024	18:30	PO	Damaged condutor is to be attended by applying repair sleeve at Loc No.14,15 & Other line maintenance work.
220KV PANDHARKAWDA - WANI CKT li	IntraState	26/03/2024	14:55	26/03/2024	19:10	PO	Replacement of OC/EF relay
VARKUTI- HIWARWADI	IntraState	26/03/2024	15:20	26/03/2024	23:02	PO	Old Insulator replacement work by long rod at Loc No 166 to 230
MIRAJ - MHAISHAL	IntraState	26/03/2024	16:15	27/03/2024	01:19	PO	Ploymer Insulator Replacement Work
VITA - MIRAJ	IntraState	26/03/2024	17:50	26/03/2024	22:40	PO	For safety purpose during work of insulator replacement of 220kV Miraj-Mhaishal line
KHARGHAR - BORIVALI CKT - 2	IntraState	26/03/2024	22:11	27/03/2024	07:02	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work.
KALWA - BORIVALI	IntraState	26/03/2024	22:12	27/03/2024	06:59	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work..
BORIVALI - CTRLS CKT	IntraState	26/03/2024	22:16	27/03/2024	07:05	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work..
GIS BHANDUP - BORIVALI	IntraState	26/03/2024	22:18	27/03/2024	06:57	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work..
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
220/33 KV 25 MVA PTR - 2 @ PHALTAN MIDC	IntraState	26/03/2024	09:42	26/03/2024	18:29	PO	Diagnostic Testing Work
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