

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Mar/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.849	3864.170	1) Gujrat	1.988	97.246
2) Hydro	6.696	208.625	2) Madhya Pradesh	11.329	293.530
3) Gas	6.973	162.707	3) Chattisgarh	5.060	112.080
Total MSPGCL	176.518	4235.502	4) Maharashtra	194.398	4280.055
B) 1) APLM	69.939	1519.243	5) Goa (Amona)	-2.663	-45.699
2) JSWEL	20.634	630.624	Total	210.112	4737.212
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.208	723.192
4) RPL(AMT)	31.240	678.303	b) Mumbai Drawl	32.083	806.155
5) SWPGPL	12.208	284.145	c) MSEDCL Bilateral *	96.867	2373.189
6) Other IPP	30.130	1013.524	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.208	723.192
C) 1) TPCL Thermal	11.804	264.328	Include PX	0.000	0.000
2) TPCL Hydro	2.612	101.287	Standby	0.000	0.000
3) TPCL Gas	3.577	85.823	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.418	219.435	1) MSEDCL	537.739	12777.430
D) STATE			2) Mumbai Discoms	59.494	1477.023
1) Thermal	348.222	8473.772	3) Other Discoms	10.526	259.118
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.759	14513.571
2) Hydro	9.308	309.912			
(A2+C2)					
3) Gas	10.550	248.530			
(A3+B7+C3)					
4) Wind	13.290	316.774			
6) SOLAR	16.277	412.674			
TOTAL STATE	397.647	9761.662			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6773	6687	6819	7013
MSPGCL Hydro	251	292	339	237
MSPGCL Gas	278	284	289	293
MSPGCL Total Generation	7302	7263	7447	7543
Central Sector Receipt	9394	9712	8301	7406
WIND	253	375	508	673
CPP / IPP Thermal	6751	6762	6864	7091
CPP / IPP Gas	0	0	0	0
SOLAR	2253	1339	23	0
Exchange with Mumbai	-1654	-1530	-1289	-1245
MSEDCL DEMAND MET	23839	23450	21368	21030
Load Shedding	0	0	0	0
MSEDCL DEMAND	23839	23450	21368	21030
TPCL GENERATION	683	682	825	815
AEML GENERATION	332	442	396	492
MUMBAI DEMAND	2669	2654	2510	2552
OTHER DISCOM DEMAND	460	471	486	438
STATE DEMAND MET	26968	26575	24364	24020
STATE DEMAND	26968	26575	24364	24020
Frequency (Hz)	50.03	49.96	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 18.02 Hrs	49.79 Hz at 16.55 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 24/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.41	92.55	195	165
Unit 8	13.52	324.48	591	509
Unit 9	13.23	239.13	592	510
Unit 10	1.08	190.99	395	0
Total	32.24	847.15		
Bhusawal				
Unit 3	3.51	83.16	180	125
Unit 4	11.82	206.00	500	440
Unit 5	0.00	158.78	0	0
Total	15.32	447.94		
Parli				
Unit 6	3.99	98.17	220	144
Unit 7	3.97	96.82	223	140
Unit 8	4.40	79.24	245	144
Total	12.37	274.23		
Chandrapur				
Unit 3	3.35	79.07	157	125
Unit 4	3.71	72.52	174	120
Unit 5	8.75	201.34	415	275
Unit 6	8.93	201.41	445	285
Unit 7	9.30	198.97	434	291
Unit 8	10.06	228.56	425	409
Unit 9	11.40	245.91	497	410
Total	55.51	1227.79		
Paras				
Unit 3	5.60	132.26	242	220
Unit 4	5.91	136.53	252	236
Total	11.51	268.79		
Khaparkheda				
Unit 1	3.92	89.86	180	135
Unit 2	4.58	96.85	200	180
Unit 3	4.09	92.53	176	161
Unit 4	4.46	97.00	195	154
Unit 5	11.54	255.37	484	470
Total	28.61	631.60		
Nasik				
Unit 3	3.68	25.02	170	125
Unit 4	3.61	86.04	174	122
Unit 5	0.00	55.61	0	0
Total	7.29	166.67		
Uran				
All Units	6.97	162.71	301	278
Total	6.97	162.71		
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)	0.02	2.36	21	0
Total	0.02	2.36		
Koyna				
Stage 1-2	1.62	44.82	250	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	31.68	0	0
Stage 3	0.40	17.32	80	0
Total	2.02	93.82		
Hydro				
KDPH	0.86	20.74	36	36
VTRNA	0.78	15.81	61	0
TILLARI	0.70	11.61	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.33	61.89	101	88
GHATGHAR	0.00	4.77	0	0
Total	4.67	114.81		
Wind				
Total	13.29	316.77	0	0
Total	13.29	316.77		
CPP				
APML(Mus)	69.94	1519.24	0	0
JSWEL(Mus)	20.63	630.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.24	678.30	0	0
SWPGPL-Mus	12.21	284.14	0	0
Dhariwal	0.00	0.00	0	0
IEPL	4.91	135.30	207	201
Other(Mus)	25.22	795.04	0	0
JPL	0.00	83.18	0	0
Total	164.15	4125.84		
SOLAR				
Total	16.28	412.67	0	0
Total	16.28	412.67		
Tata				
Trombay 5	7.47	174.17	441	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.19	52.32	108	39
Trombay 7B	1.38	33.50	65	36
TATA Hydro	2.61	101.29	305	13
Trombay 8	4.33	90.16	222	130
Total	17.99	451.44		
AEML				
DTPS U-1&2	9.42	219.44	492	303
Total	9.42	219.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.85	3864.17	MSPGCL Total	176.52	4235.50
			MSPGCL Thml+Gas	169.82	4026.88	Koyna 1,2 & 4 Total	1.62	76.50
			MSPGCL Hydro	6.70	208.62	State Total	397.65	9761.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	6937	213	294	7444	936	6927	0	0	8748	8622	-1296	22225	0	0	22225	2600	408	25233	49.95
2	6729	207	295	7231	876	6925	0	0	8673	8761	-1264	22141	0	0	22141	2438	388	24967	49.95
3	7181	175	296	7652	876	6944	0	0	8415	8208	-1217	22103	0	0	22103	2286	360	24749	49.98
4	7220	186	298	7704	845	6947	0	0	8343	8332	-1223	22257	0	0	22257	2173	348	24778	49.98
5	7208	216	299	7723	698	6969	0	0	8376	8744	-1185	22566	0	0	22566	2132	383	25081	50.00
6	7172	192	301	7665	668	6947	0	0	8984	8965	-1145	22701	0	0	22701	2186	399	25286	50.01
7	7075	237	300	7612	753	6927	0	39	9235	9047	-1000	22961	0	2	22961	2216	417	25594	50.04
8	6909	246	298	7453	551	6935	0	409	8794	8662	-991	22586	0	0	22586	2227	433	25246	50.04
9	6407	478	297	7182	310	6908	0	1050	8418	8666	-1209	22429	0	0	22429	2347	478	25254	49.98
10	6565	372	289	7226	345	6868	0	1648	8672	8928	-1355	23201	0	0	23201	2480	459	26140	49.99
11	6555	322	286	7163	311	6783	0	2109	9422	9538	-1584	23862	0	6	23862	2607	458	26927	50.02
12	6773	251	278	7302	253	6751	0	2253	9391	9394	-1654	23839	0	17	23839	2669	460	26968	50.03
13	6333	229	278	6840	213	6610	0	2315	9365	9410	-1612	23322	0	17	23322	2680	454	26456	49.99
14	6245	339	281	6865	242	6221	0	2136	9176	9500	-1525	22989	0	17	22989	2647	450	26086	50.03
15	6315	226	282	6823	308	6459	0	1835	9570	9813	-1526	23262	0	15	23262	2645	450	26357	49.96
16	6687	292	284	7263	375	6762	0	1339	9352	9712	-1530	23450	0	10	23450	2654	471	26575	49.96
17	6897	280	286	7463	520	6756	0	804	9275	9394	-1409	23048	0	6	23048	2589	480	26117	49.93
18	6942	357	286	7585	540	6800	0	317	9062	8897	-1392	22258	0	3	22258	2521	489	25268	49.99
19	6819	339	289	7447	508	6864	0	23	8441	8301	-1289	21368	0	0	21368	2510	486	24364	50.04
20	6716	375	290	7381	450	6908	0	0	8438	8343	-1345	21266	0	0	21266	2619	471	24356	49.98
21	6494	382	290	7166	662	6964	0	0	8285	7869	-1380	20825	0	0	20825	2597	456	23878	49.99
22	6716	304	290	7310	700	7019	0	0	7814	7649	-1404	20817	0	0	20817	2557	457	23831	49.96
23	7013	237	293	7543	673	7091	0	0	7988	7406	-1245	21030	0	0	21030	2552	438	24020	49.97
24	6941	241	293	7475	677	6866	0	0	8068	7951	-1303	21233	0	0	21233	2562	433	24228	49.94
MUs	162.85	6.70	6.97	176.52	13.29	164.15	0.00	16.28	210.31	210.11	-32.08	537.74	0.00	0.09	537.74	59.49	10.53	607.76	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 :-

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 24/Mar/2024

Position as on 6.30 Hrs of 25/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	Koradi Unit-10	660	17/03/2024	11:05	24/03/2024	19:54	Boiler Tube Leakage	24/03/2024
MSPGCL	Bhusawal Unit 5	500	22/03/2024	09:58	25/03/2024	04:34	Boiler Tube Leakage	25/03/2024
Total Capacity MSPGCL		1513						
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		2133						
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 24/Mar/2024

Position as on 6.30 Hrs of 25/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 24/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 25/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	24/03/2024	22:42	24/03/2024	23:16	T	Tripped on distance protection from Dabhol end only.
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	C .END-- Z1 R PH IF-3.44 KA 107.0 KM K.END-- R PH Z1 45.12 KM IF-3.14 KA
CHANDRAPUR - KHAPERKHEDA	IntraState	25/03/2024	15:57	25/03/2024	20:51	T	Tripped on R ph to earth
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 KV 500 MVA ICT - 5 @ PADGHE	IntraState	24/03/2024	07:12	24/03/2024	23:52	PO	Outage required on 500MVA ICT No.5 LV side at 400kV Padgha s/stn. for safety purpose for stringing of HTLS conductor of 400kV Kalwa-Padgha-1 line at crossing loc 2A-2B
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 25/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MIRAJ - MHAISHAL	IntraState	23/03/2024	16:41	24/03/2024	01:28	PO	Polymer Insulator replacement Work
WANI-WARORA 1	IntraState	24/03/2024	07:18	24/03/2024	17:03	PO	FOR FIXING OF BIRD DIVERter ON R, Y & B-PH CONDUCTOR & EARTHWire BY AGENCY M/S. TRAFOTECH SYSTEM PVT. LTD. MUMBAI
KANDALGAON - PIRANGUT	IntraState	24/03/2024	11:41	24/03/2024	17:45	PO	For fixing of conductor vibration dampers.
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
PEDHAMBE ONI LINE	IntraState	24/03/2024	15:23	24/03/2024	17:45	T	Tripped on distance protection
NEW KOYNA - PEDAMBE	IntraState	24/03/2024	15:23	24/03/2024	16:30	T	Tripped on back up
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
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
220/100 KV 100 MVA ICT 1 @ VASAI-II	IntraState	24/03/2024	10:00	24/03/2024	16:22	PO	Repaired RET 670 Relay installation & commissioning and bay maintenance 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.
KOLSHET - BMC - BORIVALI (T) - BORIVALI (M)	IntraState	24/03/2024	09:55	24/03/2024	23:07	PO	installation of Safety Platform at BMC end

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