

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Mar/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.016	1593.785	1) Gujrat	5.201	47.642
2) Hydro	12.148	81.480	2) Madhya Pradesh	12.931	124.667
3) Gas	3.911	64.200	3) Chattisgarh	4.250	42.680
Total MSPGCL	167.075	1739.465	4) Maharashtra	168.159	1703.047
B) 1) APLM	59.068	551.201	5) Goa (Amona)	-1.273	-18.558
2) JSWEL	27.512	257.540	Total	189.268	1899.478
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.304	290.500
4) RPL(AMT)	31.214	310.907	b) Mumbai Drawl	30.524	323.828
5) SWPGPL	12.204	112.705	c) MSEDCL Bilateral *	92.339	973.708
6) Other IPP	46.193	467.128	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.304	290.500
C) 1) TPCL Thermal	8.613	105.550	Include PX	0.000	0.000
2) TPCL Hydro	3.135	34.616	Standby	0.000	0.000
3) TPCL Gas	2.422	34.398	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.215	84.218	1) MSEDCL	521.359	5210.634
D) STATE			2) Mumbai Discoms	52.909	582.606
1) Thermal	344.035	3483.034	3) Other Discoms	10.428	107.328
(A1+C1+C4+(B1-B6))			TOTAL STATE	584.696	5900.568
2) Hydro	15.283	116.096			
(A2+C2)					
3) Gas	6.333	98.598			
(A3+B7+C3)					
4) Wind	13.325	131.075			
6) SOLAR	16.452	172.291			
TOTAL STATE	395.428	4001.094			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6435	5948	6429	6306
MSPGCL Hydro	247	311	1852	202
MSPGCL Gas	140	136	162	279
MSPGCL Total Generation	6822	6395	8443	6787
Central Sector Receipt	9136	8835	7054	7173
WIND	148	210	796	1038
CPP / IPP Thermal	7407	6969	7423	7205
CPP / IPP Gas	0	0	0	0
SOLAR	2122	2272	0	0
Exchange with Mumbai	-1497	-1535	-1404	-1402
MSEDCL DEMAND MET	23692	22713	21839	20355
Load Shedding	0	0	0	0
MSEDCL DEMAND	23692	22713	21839	20355
TPCL GENERATION	562	586	712	585
AEML GENERATION	312	305	306	309
MUMBAI DEMAND	2371	2426	2422	2296
OTHER DISCOM DEMAND	446	433	473	446
STATE DEMAND MET	26509	25572	24734	23097
STATE DEMAND	26509	25572	24734	23097
Frequency (Hz)	49.97	49.96	50.04	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 18.02 Hrs	49.75 Hz at 15.10 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 10/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.43	42.60	190	180
Unit 8	13.53	138.77	600	520
Unit 9	0.00	105.92	0	0
Unit 10	10.84	118.24	455	450
Total	28.80	405.54		
Bhusawal				
Unit 3	3.95	32.22	190	125
Unit 4	11.62	95.80	500	405
Unit 5	0.00	82.11	0	0
Total	15.57	210.14		
Parli				
Unit 6	5.03	38.92	250	149
Unit 7	4.99	38.18	248	148
Unit 8	0.00	21.87	0	0
Total	10.02	98.97		
Chandrapur				
Unit 3	3.31	31.06	150	124
Unit 4	0.00	23.33	0	0
Unit 5	7.72	77.51	435	0
Unit 6	9.10	78.31	426	280
Unit 7	9.03	79.33	420	289
Unit 8	9.81	89.83	424	385
Unit 9	10.91	87.22	472	429
Total	49.88	466.59		
Paras				
Unit 3	5.40	54.36	253	187
Unit 4	5.69	56.32	246	229
Total	11.09	110.68		
Khaparkheda				
Unit 1	3.97	34.90	180	135
Unit 2	4.17	36.99	200	140
Unit 3	3.86	36.58	174	147
Unit 4	4.24	38.27	191	154
Unit 5	11.70	94.01	500	460
Total	27.94	240.75		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.13	34.92	189	127
Unit 5	3.59	26.20	163	138
Total	7.72	61.12		
Uran				
All Units	3.91	64.20	303	135
Total	3.91	64.20		
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	0.80	28	0
Total	0.03	0.80		
Koyna				
Stage 1-2	2.76	16.45	430	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.90	10.03	915	0
Stage 3	1.16	6.13	224	0
Total	6.82	32.61		
Hydro				
KDPH	0.86	8.64	36	36
VTRNA	0.63	6.41	61	0
TILLARI	0.50	4.75	63	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.66	24.98	113	108
GHATGHAR	0.65	3.29	250	0
Total	5.30	48.06		
Wind				
Total	13.32	131.08	0	0
Total	13.32	131.08		
CPP				
APML(Mus)	59.07	551.20	0	0
JSWEL(Mus)	27.51	257.54	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.21	310.91	0	0
SWPGPL-Mus	12.20	112.70	0	0
Dhariwal	0.00	0.00	0	0
IEPL	6.10	58.86	260	248
Other(Mus)	35.86	366.52	0	0
JPL	4.23	41.75	202	106
Total	176.19	1699.48		
SOLAR				
Total	16.45	172.29	0	0
Total	16.45	172.29		
Tata				
Trombay 5	4.93	69.26	208	201
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.35	20.82	96	38
Trombay 7B	1.07	13.58	60	35
TATA Hydro	3.14	34.62	247	64
Trombay 8	3.68	36.29	221	131
Total	14.17	174.56		
AEML				
DTPS U-1&2	8.22	84.22	498	294
Total	8.22	84.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.02	1593.78	MSPGCL Total	167.08	1739.46
			MSPGCL Thml+Gas	154.93	1657.98	Koyna 1,2 & 4 Total	5.66	26.48
			MSPGCL Hydro	12.15	81.48	State Total	395.43	4001.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	6519	186	196	6901	727	7517	0	0	7611	7527	-1209	21059	0	0	21059	2149	404	23612	49.94
2	6519	184	148	6851	701	7501	0	0	7628	7623	-1154	21144	0	0	21144	2027	378	23549	49.99
3	6282	191	147	6620	722	7523	0	0	7537	7520	-1072	20954	0	0	20954	1926	359	23239	49.98
4	6114	192	147	6453	710	7535	0	0	7588	7688	-1026	21005	0	0	21005	1844	355	23204	49.94
5	6098	288	148	6534	645	7523	0	0	7686	7779	-985	21127	0	0	21127	1815	369	23311	49.98
6	6122	1008	149	7279	529	7558	0	0	7712	7850	-1035	21770	0	0	21770	1879	411	24060	50.00
7	6241	1626	150	8017	404	7552	0	14	7531	7177	-803	21931	0	5	21931	1937	430	24298	50.02
8	6551	1282	149	7982	281	7561	0	367	7555	7254	-751	22257	0	1	22257	1995	437	24689	50.03
9	6411	536	149	7096	143	7334	0	1057	8225	8365	-1104	22446	0	0	22446	2113	445	25004	50.01
10	6426	476	145	7047	120	7185	0	1681	8753	8646	-1420	22797	0	0	22797	2269	462	25528	49.98
11	6435	247	140	6822	148	7407	0	2122	9265	9136	-1497	23692	0	13	23692	2371	446	26509	49.97
12	6224	314	139	6677	146	7342	0	2364	8938	8925	-1549	23448	0	32	23448	2436	457	26341	50.02
13	5948	311	136	6395	210	6969	0	2272	8909	8835	-1535	22713	0	34	22713	2426	433	25572	49.96
14	6080	263	137	6480	340	6836	0	2047	8464	8415	-1382	22298	0	25	22298	2359	438	25095	50.03
15	5810	252	135	6197	389	6783	0	1868	8936	8622	-1393	22012	0	17	22012	2325	454	24791	49.95
16	6108	266	139	6513	482	6946	0	1416	8896	8772	-1455	22214	0	12	22214	2303	460	24977	49.87
17	6349	251	139	6739	678	7342	0	905	8447	8235	-1429	21993	0	14	21993	2268	477	24738	49.96
18	6389	343	143	6875	628	7446	0	330	7972	7770	-1411	21153	0	8	21153	2358	485	23996	50.05
19	6447	732	157	7336	741	7438	0	9	7493	7385	-1295	21134	0	0	21134	2391	480	24005	50.02
20	6429	1852	162	8443	796	7423	0	0	7319	7054	-1404	21839	0	0	21839	2422	473	24734	50.04
21	6429	685	168	7282	796	7478	0	0	7465	7282	-1426	20951	0	0	20951	2399	461	23811	50.03
22	6426	273	206	6905	878	7476	0	0	7428	7121	-1435	20481	0	0	20481	2350	464	23295	50.01
23	6306	202	279	6787	1038	7205	0	0	7659	7173	-1402	20355	0	0	20355	2296	446	23097	49.99
24	6353	188	303	6844	1073	7311	0	0	7494	7114	-1352	20585	0	0	20585	2251	405	23241	49.99
MUs	151.02	12.15	3.91	167.07	13.33	176.19	0.00	16.45	192.51	189.27	-30.52	521.36	0.00	0.16	521.36	52.91	10.43	584.70	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 Over Load Alarm-488Amp/98.05MW at 132kV Rahuri s/stn.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Mar/2024

Position as on 6.30 Hrs of 11/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 3	210	18/01/2024	16:56		Continued.	Tolling (Converted to Planned outage on dt 02.02.2024 for boiler & allied work.)	13/03/2024
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	Uran Unit 6	108	16/01/2024	20:29		Continued.	For open cycle No schedule from MSEDCL.	
MSPGCL	Parli Unit 8	250	07/03/2024	03:06		Continued.	Air heater problem	11/03/2024
MSPGCL	Chandrapur Unit 4	210	08/03/2024	10:00		Continued.	SUSPECTED BTL	11/03/2024
MSPGCL	Koradi Unit 9	660	09/03/2024	13:49		Continued.	SUSPECTED BTL	12/03/2024
MSPGCL	Ghatghar Unit-1	125	09/03/2024	18:00	10/03/2024	10:30	GM Link Fault	10/03/2024
MSPGCL	Koyna STG-IV Unit-4	250	09/03/2024	18:45	10/03/2024	02:25	Ruptured bolt	
MSPGCL	Bhusawal Unit 5	500	09/03/2024	22:00		Continued.	Boiler Tube Leakage	12/03/2024
MSPGCL	Uran Unit 7	108	10/03/2024	00:24	10/03/2024	18:20	Air Filter Replacement work	10/03/2024
MSPGCL	Chandrapur Unit 5	500	10/03/2024	02:20	10/03/2024	05:53	Drum level low	10/03/2024
Total Capacity MSPGCL		2831						
IPP								
IPP	Adani U-5	660	08/03/2024	06:27	11/03/2024	05:35	Mill inlet bellow leakage	11/03/2024
IPP	JPL Unit 2	150	10/03/2024	17:55	10/03/2024	20:16	Flame Failure	
IPP	RPL(AMT) U-5	270	11/03/2024	03:00		Continued.	Air heater problem	18/03/2024
Total Capacity IPP		1080						
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		4231						

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Mar/2024

Position as on 6.30 Hrs of 11/Mar/2024

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 11/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							
TBC @ PADGHE	IntraState	06/03/2024	12:01			PO	1. Replacement of CT with New ratio of 3000/1 Amp. 2. Diagnostic Testing work. 3. Bay Maintenance Work.
TIE BAY (411) OF DHARIWAL CKT - 2 & NANDED CKT @ CHANDRAPUR - 2	IntraState	08/03/2024	09:56			PO	Replacement of non-PIR CB by with PIR CB
400 KV LINE Outages/Trippings							
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVAR bus reactor by new 125 MVAR bus reactor.
PADGHE - KALWA CKT - 1	IntraState	11/02/2024	00:35			PO	For tapping of 400kV Kalwa-Padgha-1 line (Loc no. 1113) with 400kV Kalwa-Kharghar line Loc no. 167 (Tapping work will be finished by 11.06.2024 @ 06:00 Hrs) using ERS thereby forming temporary 400kV Kalwa-Kharghar -Padgha Tap line and carrying out replacement of existing conductor the HTLS conductor of 400kV Kalwa-Padgha-1 line 1148 (Airoli) to 1114 (Shilphata)
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	14/02/2024	06:42			HT	H/T for controlling loading of 400kV Talegaon-Chakan
KORADI-NANDGAONPETH (RPL)	IntraState	11/03/2024	08:30	11/03/2024	09:25	PO	400kV RPL line to be hand tripped for taking Line Reactor out of service; there after 400kV RPL Line to be charged without reactor.
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 - 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 500MVA ICT - 4 @ KALWA	IntraState	10/03/2024	04:03	10/03/2024	12:52	T	Differential Protection
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	10/03/2024	09:15	10/03/2024	19:22	PO	To attend oil leakage of conservator Y Phase unit, ICT routine diagnostic testing and maintenance activity and Line CT diagnostic work.
400 KV BR Outages/Trippings							
400KV 125MVAR BUS REACTOR @ KARAD	IntraState	06/01/2024	11:55			PO	Existing 125 MVAR Reactor CB Have mechanical problem and need to replace
BUS REACTOR (80 MVAR) - 1 @ KOLHAPUR (TALANDGE)	IntraState	09/03/2024	10:53	10/03/2024	12:46	PO	Bay AMP
220 KV TIEBAY Outages/Trippings							
BUS COUPLER @ ULWE GIS	IntraState	08/03/2024	15:21	10/03/2024	12:13	PO	For attending SF6 Gas Leakage in GIS GC-Y1(Need to replace GD gas valve)
220 KV MAINBAY Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 11/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220KV TATA Motors bay 1 (EHV Consumer Bay) TELCO-220 KV	IntraState	10/03/2024	08:50	10/03/2024	14:00	PO	Maintenanace work at 220KV Tata Motors yard.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	01/02/2024	10:07			PO	Outage required for PLCC, CVT & WT Foundation, Erection work at 220kV Navsari SS.
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
MAHALAXMI - AMONA	IntraState	06/03/2024	17:14	10/03/2024	17:50	T	Tripped on distance protection.
BABHALESHWAR - DEOGAON RANGARI	IntraState	10/03/2024	08:47	10/03/2024	20:29	PO	Replacement of old disc insulator with long rod .
KANDALGAON - PIRANGUT	IntraState	10/03/2024	09:11	10/03/2024	18:20	PO	For fixing of conductor vibration damper & cold line washing of insulators.
220KV BADNERA -NER CKT	IntraState	10/03/2024	12:25	10/03/2024	13:12	T	TRIPPED AT BADNERA AND AVADA END.
BABHALESHWAR - DEOGAON RANGARI	IntraState	11/03/2024	08:21			PO	Replacement of old disc insulator with long rod .
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
220/110 KV 155MVA ICT-1@ BHIRA (T)-220 KV	IntraState	05/03/2024	07:40			PO	ICI 1 overhauling ,Testing ,CRP replacement of CPLR 1-2 ,ICT 1
250 MVA ICT-5 @ TROMBAY	IntraState	10/03/2024	10:54	10/03/2024	17:02	PO	R/M of 110KV breaker
220 KV BUSBAR Outages/Trippings							
BUS SECTION - 1 @ ULWE GIS	IntraState	08/03/2024	15:21	10/03/2024	12:13	PO	For attending SF6 Gas Leakage in GIS GC-Y1(Need to replace GD gas valve)
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	10/03/2024	09:46	10/03/2024	17:49	PO	For earthwire replacement & other Routine Maint. Work
KANHAN-PENCH	IntraState	11/03/2024	09:02			PO	For earthwire replacement & other Routine Maint. 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.
TROMBAY CARNAC 1 / 3	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
TROMBAY PAREL 3 / CARNAC 2	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section

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