

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Mar/2024 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	172.313	4904.610	1) Gujrat	6.026	125.623
2) Hydro	7.509	274.311	2) Madhya Pradesh	13.702	371.072
3) Gas	6.922	204.425	3) Chattisgarh	3.820	140.130
Total MSPGCL	186.744	5383.346	4) Maharashtra	196.855	5437.534
B) 1) APLM	68.414	1930.236	5) Goa (Amona)	-2.720	-62.857
2) JSWEL	20.608	755.416	Total	217.683	6011.502
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.534	924.866
4) RPL(AMT)	30.104	851.076	b) Mumbai Drawl	37.812	1030.224
5) SWPGPL	11.163	354.408	c) MSEDCL Bilateral *	113.311	2999.696
6) Other IPP	30.955	1190.904	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.534	924.866
C) 1) TPCL Thermal	11.441	331.266	Include PX	0.000	0.000
2) TPCL Hydro	4.114	130.469	Standby	0.000	0.000
3) TPCL Gas	4.082	109.819	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.333	280.085	1) MSEDCL	541.513	16022.538
D) STATE			2) Mumbai Discoms	67.770	1881.846
1) Thermal	355.331	10598.001	3) Other Discoms	10.911	323.680
(A1+C1+C4+(B1-B6))			TOTAL STATE	620.194	18228.064
2) Hydro (A2+C2)	11.623	404.780			
3) Gas (A3+B7+C3)	11.004	314.244			
4) Wind	10.291	375.393			
6) SOLAR	14.274	505.690			
TOTAL STATE	402.523	12198.108			

* 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 23 Hrs
MSPGCL Thermal	7013	6928	7476	7144
MSPGCL Hydro	329	521	373	223
MSPGCL Gas	285	281	287	291
MSPGCL Total Generation	7627	7730	8136	7658
Central Sector Receipt	9764	10392	8094	7522
WIND	194	374	678	763
CPP / IPP Thermal	6349	6564	7191	7127
CPP / IPP Gas	0	0	0	0
SOLAR	2073	1157	0	0
Exchange with Mumbai	-1990	-1773	-1549	-1305
MSEDCL DEMAND MET	23523	23963	22043	21317
Load Shedding	0	0	0	0
MSEDCL DEMAND	23523	23963	22043	21317
TPCL GENERATION	832	937	1016	990
AEML GENERATION	502	501	453	464
MUMBAI DEMAND	3324	3211	3018	2759
OTHER DISCOM DEMAND	494	481	508	448
STATE DEMAND MET	27341	27655	25568	24524
STATE DEMAND	27341	27655	25568	24524
Frequency (Hz)	50.00	49.96	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 06.02 Hrs	49.83 Hz at 05.05 Hrs	50	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 30/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.06	117.74	190	140
Unit 8	13.19	408.20	595	510
Unit 9	13.08	320.64	586	471
Unit 10	13.22	268.02	600	500
Total	43.55	1114.59		
Bhusawal				
Unit 3	3.13	103.74	155	115
Unit 4	9.96	256.46	485	310
Unit 5	10.00	217.88	500	305
Total	23.08	578.06		
Parli				
Unit 6	3.66	122.21	199	143
Unit 7	0.00	105.17	0	0
Unit 8	3.72	104.62	212	144
Total	7.38	332.00		
Chandrapur				
Unit 3	3.22	98.82	155	119
Unit 4	3.46	93.76	172	125
Unit 5	7.85	250.29	405	270
Unit 6	7.74	250.44	434	275
Unit 7	8.60	250.94	452	288
Unit 8	10.01	287.56	425	391
Unit 9	10.80	310.48	480	345
Total	51.70	1542.29		
Paras				
Unit 3	5.58	164.36	244	191
Unit 4	5.60	169.83	255	184
Total	11.18	334.19		
Khaparkheda				
Unit 1	3.96	112.57	175	120
Unit 2	4.71	123.42	203	185
Unit 3	4.16	116.85	175	168
Unit 4	4.57	123.61	193	188
Unit 5	11.53	322.70	482	477
Total	28.93	799.15		
Nasik				
Unit 3	3.20	41.19	163	119
Unit 4	3.28	107.50	167	118
Unit 5	0.00	55.61	0	0
Total	6.49	204.31		
Uran				
All Units	6.92	204.42	297	276
Total	6.92	204.42		
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)	0.07	3.40	28	0
Total	0.07	3.40		
Koyna				
Stage 1-2	1.23	58.05	110	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.69	47.11	252	0
Stage 3	0.51	23.72	80	0
Total	2.43	128.87		
Hydro				
KDPH	0.86	25.92	36	36
VTRNA	0.78	20.62	60	0
TILLARI	0.51	14.99	66	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.92	77.82	128	110
GHATGHAR	0.00	6.08	0	0
Total	5.08	145.44		
Wind				
Total	10.29	375.39	0	0
Total	10.29	375.39		
CPP				
APML(Mus)	68.41	1930.24	0	0
JSWEL(Mus)	20.61	755.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.10	851.08	0	0
SWPGPL-Mus	11.16	354.41	0	0
Dhariwal	0.00	0.00	0	0
IEPL	6.08	168.99	265	239
Other(Mus)	20.49	921.40	0	0
JPL	4.38	100.52	218	163
Total	161.24	5082.04		
SOLAR				
Total	14.27	505.69	0	0
Total	14.27	505.69		
Tata				
Trombay 5	7.29	217.69	461	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	67.28	108	84
Trombay 7B	1.53	42.54	65	57
TATA Hydro	4.11	130.47	404	38
Trombay 8	4.15	113.57	235	130
Total	19.64	571.55		
AEML				
DTPS U-1&2	10.33	280.08	502	289
Total	10.33	280.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	172.31	4904.61	MSPGCL Total	186.74	5383.35
			MSPGCL Thml+Gas	179.24	5109.04	Koyna 1,2 & 4 Total	1.92	105.16
			MSPGCL Hydro	7.51	274.31	State Total	402.52	12198.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	7615	309	295	8219	355	6976	0	0	8526	8487	-1284	22341	0	0	22341	2728	411	25481	49.96
2	7671	283	295	8249	357	6966	0	0	8716	8605	-1241	22556	0	0	22556	2531	380	25467	50.01
3	7862	222	295	8379	433	6695	0	0	8885	8427	-1227	22355	0	0	22355	2371	351	25078	50.01
4	7509	194	296	7999	459	6658	0	0	9013	8708	-1232	22233	0	0	22233	2260	359	24852	50.00
5	7653	199	296	8148	388	6902	0	0	9068	8774	-1216	22629	0	0	22629	2202	367	25198	50.01
6	7684	196	297	8177	366	6996	0	0	9537	9181	-1273	23055	0	0	23055	2272	392	25719	50.01
7	7446	254	295	7995	392	6992	0	36	9825	9375	-1340	23006	0	10	23006	2338	444	25788	50.02
8	7223	262	296	7781	283	6989	0	355	9211	9018	-1462	22509	0	1	22509	2407	455	25372	50.03
9	6962	263	289	7514	183	6486	0	907	9247	9295	-1670	22234	0	0	22234	2662	481	25377	49.99
10	6885	330	286	7501	167	6247	0	1462	9612	9707	-1849	22751	0	19	22751	2965	484	26200	50.00
11	7086	300	286	7672	207	6360	0	1883	10131	9948	-1980	23597	0	156	23597	3234	494	27325	50.01
12	7013	329	285	7627	194	6349	0	2073	10183	9764	-1990	23523	0	237	23523	3324	494	27341	50.00
13	6531	266	280	7077	196	6197	0	2068	10056	10236	-2033	23265	0	195	23265	3312	475	27052	49.98
14	6750	326	276	7352	266	6197	0	1839	9764	9860	-1964	23097	0	46	23097	3190	453	26740	49.99
15	6946	413	278	7637	374	6287	0	1530	10690	10291	-1944	23693	0	132	23693	3217	483	27392	49.95
16	6928	521	281	7730	374	6564	0	1157	10988	10392	-1773	23963	0	190	23963	3211	481	27655	49.96
17	6886	612	282	7780	617	6341	0	687	10648	10382	-1721	23605	0	95	23605	3173	481	27259	50.01
18	7010	406	284	7700	462	6828	0	241	9985	9490	-1774	22440	0	0	22440	3081	507	26028	50.01
19	7131	408	286	7825	589	7073	0	36	8964	8260	-1698	21567	0	0	21567	3007	519	25092	50.03
20	7476	373	287	8136	678	7191	0	0	8702	8094	-1549	22043	0	0	22043	3018	508	25568	50.00
21	7000	326	289	7615	668	7138	0	0	8409	7788	-1514	21194	0	0	21194	2934	501	24629	50.02
22	6797	277	285	7359	805	6838	0	0	7984	7754	-1401	20856	0	0	20856	2840	499	24195	50.03
23	7144	223	291	7658	763	7127	0	0	8051	7522	-1305	21317	0	0	21317	2759	448	24524	49.98
24	7105	217	292	7614	715	6846	0	0	8546	8325	-1372	21684	0	0	21684	2746	444	24874	49.96
MUs	172.31	7.51	6.92	186.74	10.29	161.24	0.00	14.27	224.74	217.68	-37.81	541.51	0.00	1.08	541.51	67.78	10.91	620.21	50.00

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 BBLSR-Rahuri Line and 400KV Chakan-Talegaon line overload.2) ELR carried out due to overload of 400/220KV 315MVA ICT at 400KV PGCIL Boisar S/stn.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Mar/2024

Position as on 6.30 Hrs of 31/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.	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
IPP	RPL(AMT) U-2	270	27/03/2024	13:35	30/03/2024	04:19	Bottom Ash Evacuation Problem.	30/03/2024
Total Capacity IPP		570						
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		1595						
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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Mar/2024

Position as on 6.30 Hrs of 31/Mar/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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		1096						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 31/Mar/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 TIEBAY Outages/Trippings							
TIE BAY - 411 OF WARDHA PGCIL @ KORADI 2	IntraState	26/03/2024	10:41	30/03/2024	15:48	PO	Overhauling of Circuit breaker
400 KV LINE Outages/Trippings							
PADGHE - TARAPUR CKT - 1	InterState	30/03/2024	02:07	30/03/2024	16:22	T	Distance Protection
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
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	30/03/2024	00:31	30/03/2024	05:47	EO	Broken conductor strands
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	30/03/2024	18:39	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	30/03/2024	20:28	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
400/220/33 KV 315 MVA ICT - 2 @ PARLI	IntraState	30/03/2024	07:06	30/03/2024	16:31	PO	Bushing & wdg. tan delta measurement of Units.
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
MHAISAL - ALKUD	IntraState	29/03/2024	17:33	30/03/2024	01:30	PO	Polymer insulator replacement Work
WAGHIVALI - DHARAVI 8	IntraState	29/03/2024	22:09	30/03/2024	12:54	PO	Work in vicinity for connection with new bus
KALWA - BORIVALI	IntraState	29/03/2024	22:12	30/03/2024	06:28	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work.
KHARGHAR - BORIVALI CKT - 2	IntraState	29/03/2024	22:14	30/03/2024	06:35	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work.
GIS BHANDUP - BORIVALI	IntraState	29/03/2024	22:17	30/03/2024	06:20	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work..
BORIVALI - CTRLS CKT	IntraState	29/03/2024	22:19	30/03/2024	06:33	PO	For Erection of Twin Monopole at Loc. No. 22-23 for MMRDA Metro work..
KARAD - OGALEWADI CKT 2	IntraState	29/03/2024	23:23	30/03/2024	03:05	T	R-PH Coupling Capacitor burst at Karad end

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV CHANDRAPUR GCR (400 KV) - WANI CKT	IntraState	30/03/2024	07:51	30/03/2024	15:16	PO	For fixing of Bird Diverter on conductor
KALWA - SALESETTE CKT - 5	IntraState	30/03/2024	08:20	30/03/2024	20:54	PO	Conductor replacement of 110kV Kalyan-Kalwa-Salsette 2 line in section Kalwa to Salsette in span between 15-19
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.
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 KV BUSBAR Outages/Trippings							
GIS BUS - 1 @ WAGHIVALI	IntraState	29/03/2024	22:22	30/03/2024	12:54	PO	Connection of existing bus with new bus section
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.
110 KV BUSBAR Outages/Trippings							
ZONE - 2 @ KALYAN	IntraState	30/03/2024	15:17	30/03/2024	15:38	PO	COMMISSIONING OF 40 MVAR CAP BANK

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