

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/May/2023 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	173.663	2059.412	1) Gujrat	-7.123	-47.979
2) Hydro	12.877	258.336	2) Madhya Pradesh	3.052	94.007
3) Gas	5.625	75.721	3) Chattisgarh	5.430	73.880
Total MSPGCL	192.165	2393.469	4) Maharashtra	214.969	2634.783
B) 1) APLM	55.086	618.044	5) Goa (Amona)	-1.299	-16.286
2) JSWEL	21.926	265.402	Total	215.029	2738.405
3) VIPL	0.000	0.000	a) Mumbai Schedule	41.170	501.626
4) RPL(AMT)	24.500	323.590	b) Mumbai Drawl	44.675	553.218
5) SWPGPL	9.570	123.423	c) MSEDCL Bilateral *	100.809	1227.932
6) Other IPP	9.501	152.833	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	41.170	501.626
C) 1) TPCL Thermal	11.442	145.856	Include PX	0.000	0.000
2) TPCL Hydro	4.276	50.059	Standby	0.000	0.000
3) TPCL Gas	2.969	33.324	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.771	130.747	1) MSEDCL	523.417	6293.454
D) STATE			2) Mumbai Discoms	73.133	913.204
1) Thermal	315.459	3819.307	3) Other Discoms	10.311	134.473
(A1+C1+C4+(B1-B6))			TOTAL STATE	606.861	7341.131
2) Hydro (A2+C2)	17.153	308.395			
3) Gas (A3+B7+C3)	8.594	109.045			
4) Wind	33.484	169.690			
6) SOLAR	17.142	196.289			
TOTAL STATE	391.832	4602.726			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6500	7201	7624	7157
MSPGCL Hydro	453	229	361	325
MSPGCL Gas	210	213	238	253
MSPGCL Total Generation	7163	7643	8223	7735
Central Sector Receipt	10082	10229	8414	8857
WIND	791	959	2065	1174
CPP / IPP Thermal	4348	4430	5344	4441
CPP / IPP Gas	0	0	0	0
SOLAR	2194	1882	0	657
Exchange with Mumbai	-2052	-2345	-1805	-1718
MSEDCL DEMAND MET	22058	22338	21773	20715
Load Shedding	0	0	0	0
MSEDCL DEMAND	22058	22338	21773	20715
TPCL GENERATION	835	669	942	518
AEML GENERATION	489	458	352	306
MUMBAI DEMAND	3376	3472	3099	2542
OTHER DISCOM DEMAND	468	460	468	431
STATE DEMAND MET	25902	26270	25340	23688
STATE DEMAND	25902	26270	25340	23688
Frequency (Hz)	49.93	49.91	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 18.31 Hrs	49.77 Hz at 03.20 Hrs	49.97	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 13/May/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.41	57.38	190	175
Unit 8	12.16	125.40	540	481
Unit 9	12.08	162.32	525	478
Unit 10	12.33	86.97	551	480
Total	40.98	432.06		
Bhusawal				
Unit 3	3.26	43.58	150	120
Unit 4	9.36	90.18	445	285
Unit 5	9.84	133.91	470	290
Total	22.45	267.66		
Parli				
Unit 6	4.79	68.47	250	147
Unit 7	3.57	44.64	241	0
Unit 8	4.46	61.19	224	147
Total	12.82	174.30		
Chandrapur				
Unit 3	3.63	47.04	169	135
Unit 4	3.52	36.58	160	127
Unit 5	8.72	88.89	416	285
Unit 6	8.75	117.60	411	290
Unit 7	9.33	116.86	435	300
Unit 8	11.23	107.12	485	428
Unit 9	11.40	138.10	500	437
Total	56.58	652.19		
Paras				
Unit 3	4.82	60.69	217	150
Unit 4	4.97	62.45	228	147
Total	9.79	123.13		
Khaparkheda				
Unit 1	2.80	39.74	130	80
Unit 2	2.82	39.52	126	95
Unit 3	3.83	50.26	184	130
Unit 4	3.79	54.56	190	126
Unit 5	10.69	124.99	480	360
Total	23.94	309.07		
Nasik				
Unit 3	0.08	0.08	55	0
Unit 4	3.82	52.50	182	125
Unit 5	3.20	48.42	162	0
Total	7.10	100.99		
Uran				
All Units	5.62	75.72	254	209
Total	5.62	75.72		
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)	0.00	0.13	0	0
Total	0.00	0.13		
Koyna				
Stage 1-2	2.72	55.48	420	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	3.69	114.52	755	0
Stage 3	1.74	37.23	320	0
Total	8.15	207.23		
Hydro				
KDPH	0.66	9.19	28	27
VTRNA	1.15	12.57	60	0
TILLARI	0.00	0.23	0	0
BHIRA T.R.	0.38	2.64	80	0
SMLHY_PTN	2.53	26.34	122	94
GHATGHAR	0.00	0.00	0	0
Total	4.73	50.97		
Wind				
Total	33.48	169.69	0	0
Total	33.48	169.69		
CPP				
APML(Mus)	55.09	618.04	0	0
JSWEL(Mus)	21.93	265.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.50	323.59	0	0
SWPGPL-Mus	9.57	123.42	0	0
Dhariwal	0.00	16.14	0	0
IEPL	5.09	64.56	269	153
Other(Mus)	4.41	72.13	0	0
Total	120.58	1483.29		
SOLAR				
Total	17.14	196.29	0	0
Total	17.14	196.29		
Tata				
Trombay 5	7.45	95.11	395	270
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.75	19.09	107	43
Trombay 7B	1.22	14.24	64	38
TATA Hydro	4.28	50.06	406	36
Trombay 8	3.99	50.74	228	130
Total	18.69	229.24		
AEML				
DTPS U-1&2	9.77	130.75	496	306
Total	9.77	130.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	173.66	2059.41	MSPGCL Total	192.16	2393.47
			MSPGCL Thml+Gas	179.29	2135.13	Koyna 1,2 & 4 Total	6.41	170.01
			MSPGCL Hydro	12.88	258.34	State Total	391.83	4602.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/May/2023

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	7688	1316	251	9255	1514	6275	0	0	7735	7453	-1610	22502	0	0	22502	3174	385	26061	49.99
2	7504	902	253	8659	1533	5979	0	0	8054	8061	-1597	22271	0	0	22271	2959	364	25594	49.96
3	7418	487	251	8156	1582	5894	0	0	8138	8207	-1563	21947	0	0	21947	2766	329	25042	49.94
4	7404	323	253	7980	1449	5817	0	0	8095	8280	-1476	21721	0	0	21721	2638	329	24688	49.91
5	7505	319	251	8075	1473	5731	0	0	8252	8463	-1512	21886	0	0	21886	2557	344	24787	49.98
6	7566	274	253	8093	1453	5464	0	4	8604	8955	-1553	22035	0	0	22035	2554	381	24970	49.98
7	7654	253	254	8161	1415	4749	0	141	8666	8820	-1637	21233	0	0	21233	2504	416	24153	49.98
8	7157	325	253	7735	1174	4441	0	657	8641	8857	-1718	20715	0	0	20715	2542	431	23688	49.97
9	6362	911	248	7521	791	4373	0	1271	8555	9239	-1845	20900	0	0	20900	2716	450	24066	50.01
10	6774	868	223	7865	595	4399	0	1732	9025	9406	-1873	21669	0	0	21669	2988	455	25112	50.01
11	6825	580	214	7619	681	4397	0	2059	9572	9560	-2068	21784	0	0	21784	3255	464	25503	49.98
12	6500	453	210	7163	791	4348	0	2194	9893	10082	-2052	22058	0	0	22058	3376	468	25902	49.93
13	6452	247	209	6908	794	4393	0	2235	9844	10233	-2236	21864	0	0	21864	3399	463	25726	49.91
14	6546	162	210	6918	751	4403	0	2098	9692	10330	-2225	21815	0	0	21815	3351	460	25626	49.94
15	7201	229	213	7643	959	4430	0	1882	9706	10229	-2345	22338	0	0	22338	3472	460	26270	49.91
16	7533	215	212	7960	1015	4628	0	1453	10033	9985	-2380	22216	0	9	22216	3537	445	26198	49.97
17	7122	232	215	7569	1413	4398	0	983	9840	10588	-2303	22189	0	10	22189	3452	459	26100	49.98
18	7452	240	220	7912	1879	4609	0	392	9409	9370	-2267	21443	0	10	21443	3260	452	25155	50.02
19	7099	283	227	7609	1966	4497	0	41	8940	9657	-2022	21275	0	2	21275	3125	473	24873	50.02
20	7432	823	233	8488	1998	4945	0	0	8467	8444	-1705	21700	0	0	21700	3136	470	25306	50.02
21	7624	361	238	8223	2065	5344	0	0	8363	8414	-1805	21773	0	0	21773	3099	468	25340	49.99
22	7582	687	241	8510	2153	5092	0	0	7929	7721	-1702	21300	0	0	21300	3070	474	24844	49.97
23	7668	1191	246	9105	2010	5809	0	0	7637	7447	-1599	22327	0	0	22327	3071	445	25843	49.94
24	7595	1196	247	9038	2030	6168	0	0	7434	7228	-1582	22455	0	0	22455	3132	427	26014	49.94
MUs	173.66	12.88	5.62	192.17	33.48	120.58	0.00	17.14	210.52	215.03	-44.68	523.42	0.00	0.03	523.42	73.13	10.31	606.86	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

DLS done due to overloading of TF 1,2 & 3 at 400kV Lonikand 1 SS

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/May/2023

Position as on 6.30 Hrs of 14/May/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	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)	
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
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	31/07/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	30/05/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Material replacement work.	01/03/2024
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	01/06/2023
MSPGCL	Nasik Unit 3	210	17/04/2023	21:27	13/05/2023	22:11	Boiler Tube Leakage	20/05/2023
IPP	RPL(AMT) U-4	270	01/05/2023	15:30		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	10/05/2023	02:00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	13/05/2023	01:13	13/05/2023	04:12	Furnace Pressure High	
MSPGCL	Nasik Unit 5	210	13/05/2023	22:53		Continued.	ID Fan Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 13/May/2023

Statement-VII

Position as on 6.30 Hrs of 14/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Tripping							
TIE BAY (705) OF KORADI 3 CKT - 2 & BUS REACTOR @ TIRORA	IntraState	13/05/2023	11:41			PO	For bay(705-52) breaker SF6 gas leakage attending work.
400 KV MAINBAY Outages/Tripping							
MAIN BAY (417) OF 500 MVA ICT - 1 @ DEEPNAGAR	IntraState	11/05/2023	13:16	13/05/2023	18:12	PO	For servicing & overhauling of 400KV AREVA make 501 MVA ICT & 1 MAIN C.B. Mechanism
400 KV LINE Outages/Tripping							
TALANDGE - KOLHAPUR (PG) CKT - 2	InterState	20/03/2023	07:49			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS -1
KOLHAPUR - SOLAPUR (PG) CKT - 2	InterState	14/05/2023	12:35	14/05/2023	21:23	T	Tripped on distance protection
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/04/2023	11:30			HT	H/T TO CONTROL LINE LOADING OF PUNE PG
BABHALESHWAR - PADGHE CKT-1	IntraState	12/05/2023	23:45	13/05/2023	06:26	PO	Cold line washing of dust polluted Disc insulator strings at Naneghat section and Samrudhii Highway crossing towers.
AKOLA - KHADKA (BHUSAWAL)	IntraState	13/05/2023	06:32	14/05/2023	05:09	PO	String replacement work on 400 kV Akola- Bhusawal Line will be carried out by engaging agency which are detected punctured in PID testing.
CHANDRAPUR-PARLI CKT-3	IntraState	13/05/2023	08:07	13/05/2023	19:04	PO	1. Measurement of tandelta of CT and CVT. 2. Bay routine maintenance work.
BABHALESHWAR - PADGHE CKT - 2	IntraState	13/05/2023	23:19	14/05/2023	06:15	PO	Cold line washing of dust polluted Disc Insulator strings at Naneghat section and Samruddhi Highway crossing towers.
220KV GEORAI(220KV)-TAPTITHANDA(400KV)CKT	IntraState	14/05/2023	03:10	14/05/2023	09:38	T	Distance protection operated
CHANDRAPUR GCR - CHANDRAPUR 2 CKT 2	IntraState	14/05/2023	08:45	14/05/2023	17:59	PO	1. Measurement of tandelta of CVT. 2. Bay routine maintenance work.
BABHALESHWAR - PADGHE CKT - 2	IntraState	14/05/2023	11:00	14/05/2023	17:56	PO	Routine Line maintenance and Insulator cleaning work
220KV GEORAI(220KV)-TAPTITHANDA(400KV)CKT	IntraState	14/05/2023	14:45	14/05/2023	16:12	EO	Earth wire tightening work
PARLI - KARJAT CKT - 2	IntraState	14/05/2023	19:14	14/05/2023	23:11	PO	(1) Reactor testing work. (2) Bay maintenance work.
400 KV ICT Outages/Tripping							
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 500MVA ICT 3 @ AKOLA	IntraState	25/04/2023	10:41			PO	For termination of power cable
220 KV TBC Outages/Tripping							
BUS COUPLER @ MULUND	IntraState	04/05/2023	12:39			EO	1) CB Dew Point test of 220 KV Bus Coupler which is found very Low. 2) The 220 KV Bus Coupler is already in OFF condition. Permission is required to open Both isolators. 3) Due to Low value of dew point values, the breaker pole may burst, hence CB kept out of service and now same is proposed to be attended.
220 KV LINE Outages/Tripping							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2023

Statement-VII

Position as on 6.30 Hrs of 14/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
TROMBAY - SALSETTE CKT - 1	IntraState	12/05/2023	22:44	13/05/2023	18:19	PO	Shifting of conductors at loc. 82 to tower body and final make off with loops through at loc. 82 and 83 (Bhandup Village). Removal of cross jumpers at loc. 93, making loops through (both sides) at 93. TS 1 will go in service at Sal Saki 7 bay at Salsette
KALWA SALSETTE - 3	IntraState	13/05/2023	02:27	13/05/2023	06:42	PO	Removal of conductors in span 82 -11 at Bhandup village
SALSETTE - SAKI -7	IntraState	13/05/2023	06:56	14/05/2023	17:44	PO	Removal of cross jumpers and closing of loops at loc. 93 (Salsette yard)
GANGAPUR-VALVE	IntraState	13/05/2023	07:20	13/05/2023	09:58	EO	For attending hot spot on C.B. B Ph.
KALWA SALSETTE - 3	IntraState	13/05/2023	08:51	13/05/2023	13:15	EO	To attend 220 kv Kalwa -salsette-03 line trip circuit faulty at kalwa end .
TALANDGE - SAWANTWADI	IntraState	13/05/2023	09:28	13/05/2023	18:25	PO	For Cold washing of Line insulators.
GHODBUNDER - MSETCL BOISAR	IntraState	13/05/2023	10:34	13/05/2023	13:09	EO	Line will be shifted on TBC for: Hot spot attending work 1) At Yph T between 220kv A & B Iso.- Temp : 1200C. 2) At 220kv CB jumper (Bph) at Stub Bus T: Temp: 1250C
CHINCHWAD- PARVATI	IntraState	13/05/2023	10:40	13/05/2023	13:55	PO	Replacement of faulty insulator string identified in line tripping patrolling at Loc no-40A -R ph .
VANKUSWADE - AJINKYATARA	IntraState	13/05/2023	12:53	13/05/2023	17:53	PO	Pre Monsoon maintenance work
MIRAJ - MHAISHAL	IntraState	13/05/2023	14:40	13/05/2023	15:31	EO	Removing Tarpaulin entangled on Conductor at Loc 125-126
TROMBAY SALSETTE LINE-2	IntraState	13/05/2023	18:56	14/05/2023	17:44	PO	Shifting of TS 2 conductors at loc. 82 and stringing of new conductors in span 82-83 at Bhandup village. Trombay Salsette 2 will go in service as Trombay Saki line.
POPHALI - KDPH	IntraState	13/05/2023	21:58	14/05/2023	22:45	T	Tripped on distance protection
TALANDGE - MUDSHINGI CKT - 2	IntraState	14/05/2023	16:52	14/05/2023	20:22	HT	Emergency Outage
220 KV ICT Outages/Trippings							
220 / 110 / 22kv 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/132 KV 200 MVA ICT - 2 @ HARANGUL	IntraState	13/05/2023	08:24	13/05/2023	12:13	PO	Ict-2 LV CB overhauling work by agency.
220/132 KV 200 MVA ICT 3 @ AHMEDNAGAR	IntraState	13/05/2023	09:53	13/05/2023	18:49	PO	Attending R ph C.T. red hot (temp 160), Premonsoon work.
220/100 KV 200 MVA ICT 2 @ PADGHE	IntraState	13/05/2023	10:45	13/05/2023	18:26	PO	For checking and attending oil leakage from top inspection windwo and tarret.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2023

Statement-VII

Position as on 6.30 Hrs of 14/May/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 / 110 / 33kV 315 MVA ICT 6 @ CARNAC	IntraState	14/05/2023	09:24	14/05/2023	13:09	PO	R/M
220/110/33KV 250 MVA ICT-5 @ MAHALAXMI GIS (T)	IntraState	14/05/2023	11:00	14/05/2023	14:39	PO	R/M & Testing
132 KV LINE Outages/Trippings							
RISOD-YELDARI	IntraState	20/04/2023	17:57			HT	TO CONTROL LOADING ON RISOD - MALEGAON CKT
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
BHIRA (T) - KHOPOLI 2	IntraState	14/05/2023	06:14	14/05/2023	14:25	PO	Project Work - Augmentation of OPGW communication link from 6 Core to 48 Core of Bhira Karanjade Link
KHOPOLI - KARANJADE	IntraState	14/05/2023	14:36	14/05/2023	17:30	PO	REMOVAL OF BIRD NEST

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