

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jun/2023 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	174.479	2684.406	1) Gujrat	-3.157	-38.844
2) Hydro	8.368	244.306	2) Madhya Pradesh	1.877	86.527
3) Gas	4.740	82.668	3) Chattisgarh	2.500	51.090
Total MSPGCL	187.587	3011.380	4) Maharashtra	189.663	3560.816
B) 1) APLM	73.067	1133.409	5) Goa (Amona)	-1.367	-23.863
2) JSWEL	24.942	409.415	Total	189.516	3635.726
3) VIPL	0.000	0.000	a) Mumbai Schedule	39.630	734.455
4) RPL(AMT)	18.796	486.036	b) Mumbai Drawl	43.387	808.326
5) SWPGPL	10.822	178.270	c) MSEDCL Bilateral *	129.611	1950.029
6) Other IPP	7.315	87.566	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	39.630	734.268
C) 1) TPCL Thermal	13.458	218.237	Include PX	0.000	0.000
2) TPCL Hydro	5.959	94.486	Standby	0.000	0.187
3) TPCL Gas	2.267	29.668	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.556	156.226	1) MSEDCL	528.673	8852.249
D) STATE			2) Mumbai Discoms	74.627	1306.943
1) Thermal	332.435	5353.565	3) Other Discoms	10.425	181.519
(A1+C1+C4+(B1-B6))			TOTAL STATE	613.725	10340.711
2) Hydro (A2+C2)	14.327	338.792			
3) Gas (A3+B7+C3)	7.007	112.336			
4) Wind	53.966	624.503			
6) SOLAR	16.474	275.789			
TOTAL STATE	424.209	6704.985			

* 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 4 Hrs
MSPGCL Thermal	7182	7363	7255	7300
MSPGCL Hydro	365	190	263	314
MSPGCL Gas	185	183	197	204
MSPGCL Total Generation	7732	7736	7715	7818
Central Sector Receipt	8081	8378	8145	7775
WIND	2505	2414	2495	1873
CPP / IPP Thermal	4803	5815	5869	5984
CPP / IPP Gas	0	0	0	0
SOLAR	2129	1384	0	0
Exchange with Mumbai	-2300	-2118	-1790	-1403
MSEDCL DEMAND MET	22486	23144	21948	21697
Load Shedding	0	0	0	0
MSEDCL DEMAND	22486	23144	21948	21697
TPCL GENERATION	695	974	992	979
AEML GENERATION	488	464	410	291
MUMBAI DEMAND	3483	3556	3192	2673
OTHER DISCOM DEMAND	464	465	486	350
STATE DEMAND MET	26433	27165	25626	24720
STATE DEMAND	26433	27165	25626	24720
Frequency (Hz)	49.89	49.96	50.04	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 18:33 Hrs	49.76 Hz at 13:46 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 17/Jun/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.62	79.00	200	185
Unit 8	14.14	159.42	604	563
Unit 9	14.00	144.48	601	562
Unit 10	12.78	219.44	542	510
Total	45.54	602.34		
Bhusawal				
Unit 3	3.40	36.70	150	130
Unit 4	11.03	170.70	495	430
Unit 5	11.48	183.52	500	450
Total	25.90	390.92		
Parli				
Unit 6	5.16	79.09	250	149
Unit 7	5.19	80.08	245	144
Unit 8	3.60	68.36	153	146
Total	13.95	227.53		
Chandrapur				
Unit 3	3.35	49.92	166	105
Unit 4	3.66	50.26	158	145
Unit 5	0.00	0.00	0	0
Unit 6	9.34	131.86	405	345
Unit 7	9.25	152.36	434	304
Unit 8	11.36	184.25	492	448
Unit 9	11.38	189.11	490	450
Total	48.33	757.76		
Paras				
Unit 3	4.02	84.11	215	0
Unit 4	5.30	66.79	229	212
Total	9.32	150.89		
Khaparkheda				
Unit 1	2.67	49.06	125	90
Unit 2	2.87	49.22	130	108
Unit 3	3.92	58.21	177	147
Unit 4	3.69	67.47	169	138
Unit 5	10.46	185.54	460	394
Total	23.60	409.50		
Nasik				
Unit 3	0.00	10.09	0	0
Unit 4	3.98	68.34	180	138
Unit 5	3.85	67.03	171	125
Total	7.83	145.46		
Uran				
All Units	4.74	82.67	206	183
Total	4.74	82.67		
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)	0.11	1.71	23	0
Total	0.11	1.71		
Koyna				
Stage 1-2	2.83	62.31	375	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	81.22	0	0
Stage 3	0.52	32.84	142	0
Total	3.35	176.36		
Hydro				
KDPH	0.20	5.25	9	8
VTRNA	1.15	19.18	60	0
TILLARI	0.35	1.47	58	0
BHIRA T.R.	0.28	5.69	80	0
SMLHY_PTN	2.78	33.54	117	114
GHATGHAR	0.15	1.10	125	0
Total	4.91	66.23		
Wind				
Total	53.97	624.50	0	0
Total	53.97	624.50		
CPP				
APML(Mus)	73.07	1133.41	0	0
JSWEL(Mus)	24.94	409.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.80	486.04	0	0
SWPGPL-Mus	10.82	178.27	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.37	49.84	270	197
Other(Mus)	1.95	37.72	0	0
Total	134.94	2294.70		
SOLAR				
Total	16.47	275.79	0	0
Total	16.47	275.79		
Tata				
Trombay 5	8.80	142.98	437	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	16.43	107	35
Trombay 7B	0.99	13.24	64	32
TATA Hydro	5.96	94.49	394	82
Trombay 8	4.65	75.26	230	132
Total	21.68	342.39		
AEML				
DTPS U-1&2	9.56	156.23	494	286
Total	9.56	156.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	174.48	2684.41	MSPGCL Total	187.59	3011.38
			MSPGCL Thml+Gas	179.22	2767.07	Koyna 1,2 & 4 Total	2.83	143.53
			MSPGCL Hydro	8.37	244.31	State Total	424.21	6704.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Jun/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	7087	678	203	7968	1715	6074	0	0	7141	7814	-1560	21606	536	0	22142	3185	405	25732	50.04
2	7138	735	202	8075	1703	6072	0	0	7014	7804	-1474	21824	457	0	22281	2971	356	25608	50.00
3	7249	686	202	8137	1789	6040	0	0	7241	7497	-1513	21614	182	0	21796	2796	336	24928	50.03
4	7300	314	204	7818	1873	5984	0	0	7702	7775	-1403	21697	0	0	21697	2673	350	24720	50.05
5	7347	284	206	7837	1869	5986	0	0	7684	7979	-1433	21885	0	0	21885	2577	353	24815	49.98
6	7375	429	206	8010	1809	5954	0	2	7847	8390	-1392	22392	0	0	22392	2605	381	25378	49.94
7	7385	331	206	7922	1736	5675	0	167	8225	8413	-1340	22165	0	0	22165	2550	408	25123	50.00
8	7433	312	204	7949	2061	5551	0	609	7967	7924	-1617	22042	0	0	22042	2610	435	25087	50.01
9	7198	306	203	7707	2530	5070	0	1135	7672	7618	-1893	21715	0	0	21715	2803	452	24970	49.99
10	7163	266	190	7619	2535	4672	0	1645	7292	7854	-2059	21812	0	0	21812	3109	454	25375	49.95
11	7323	229	184	7736	2564	5046	0	1949	7460	7652	-2275	22207	0	0	22207	3372	465	26044	49.99
12	7182	365	185	7732	2505	4803	0	2129	7966	8081	-2300	22486	0	0	22486	3483	464	26433	49.89
13	7112	173	186	7471	2352	5046	0	2118	7875	8090	-2313	22306	0	0	22306	3493	458	26257	49.95
14	7103	167	186	7456	2267	5018	0	2034	8022	8281	-2210	22390	0	0	22390	3432	456	26278	49.93
15	7305	184	189	7678	2467	5538	0	1830	8093	8222	-2202	23087	0	0	23087	3517	446	27050	49.90
16	7363	190	183	7736	2414	5815	0	1384	8035	8378	-2118	23144	0	0	23144	3556	465	27165	49.96
17	7301	198	194	7693	2442	5777	0	922	8133	8168	-2046	22483	0	0	22483	3481	473	26437	50.04
18	7242	226	195	7663	2524	5560	0	470	8149	8491	-2142	22077	0	0	22077	3330	489	25896	50.11
19	7248	263	196	7707	2590	5677	0	80	7983	7889	-2006	21456	0	0	21456	3195	481	25132	50.06
20	7255	263	197	7715	2495	5869	0	0	8273	8145	-1790	21948	0	0	21948	3192	486	25626	50.04
21	7277	226	203	7706	2576	5925	0	0	7489	7639	-1603	21774	0	0	21774	3184	469	25427	50.05
22	7376	325	205	7906	2457	5920	0	0	7220	6996	-1559	21258	0	0	21258	3129	462	24849	50.02
23	7378	580	206	8164	2329	5938	0	0	6957	7335	-1583	21738	571	0	22309	3154	445	25908	50.01
24	7339	638	205	8182	2364	5932	0	0	7026	7081	-1556	21567	678	0	22245	3230	436	25911	50.03
MUs	174.48	8.37	4.74	187.59	53.97	134.94	0.00	16.47	184.47	189.52	-43.39	528.67	2.42	0.00	531.10	74.63	10.43	616.15	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 :-

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jun/2023

Position as on 6.30 Hrs of 18/Jun/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	13/06/2023	00:01		Continued.	Annual Overhaul	04/08/2023
MSPGCL	Parli Unit 8	250	18/06/2023	23:55		Continued.	Annual Overhaul	15/07/2023
FORCED OUTAGE								
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	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)	
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	23/07/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Material replacement work.	01/03/2024
MSPGCL	Chandrapur Unit 5	500	22/05/2023	19:00		Continued.	Stator Earth Fault	27/06/2023
MSPGCL	Uran Unit 6	108	01/06/2023	19:57		Continued.	No Schedule	
MSPGCL	Koyana STG-IV Unit-1	250	05/06/2023	16:30		Continued.	The KGSC Stg-4 Unit No-1(250MW) not available due to foreign material impact at Guide vane no 4	18/09/2023
MSPGCL	Nasik Unit 3	210	08/06/2023	11:40		Continued.	Tolling Agreement with IEPL synchronised at 9:19 Hrs	
IPP	RPL(AMT) U-5	270	16/06/2023	06:45		Continued.	Ash Conveyer problem	19/06/2023
MSPGCL	Paras Unit 3	250	16/06/2023	22:49	17/06/2023	02:00	HPCF pump no 2 pressure low Turbine tripped.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 17/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	16/06/2023	23:03	17/06/2023	03:09	HT	Emergency outage for Pre-monsoon Maint. work
400 KV MAINBAY Outages/Tripping							
MAIN BAY (402) OF KHADKA CKT - 2 @ DEEPNAGAR	IntraState	25/05/2023	10:02		Continued.	PO	For servicing & overhauling of 400KV AREVA make KDK CKT-2 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
DHULE - KHANDWA CKT - 2	InterState	16/06/2023	13:18	18/06/2023	21:34	PO	MTAMC Project work Main-I Dist Protn, REF & Master trip relay Gr-A &B relay replacement work
KHADKA- DEEPNAGAR CKT 2	IntraState	25/05/2023	10:02				Servicing &overhauling of 400kv areva make kdk ckt-2 main c.b. mechanism.
TBC 2 @ CHANDRAPUR	IntraState	12/06/2023	08:48			PO	Replacement of problematic old BHEL make 400kV quad break CB of TBC-2 bay with new siemens ltd make 400kV Quad CB.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	14/06/2023	12:55			HT	TO CONTROL LINE LOADING
PADGHE - NAGOTHANE CKT - 1	IntraState	15/06/2023	11:17			PO	1. Stringing of 6 Nos of spans between location nos 310-313. 2. Dismantling of 2 nos of Lattice towers
KHADKA-AURANGABAD (WALUJ)	IntraState	17/06/2023	10:05	17/06/2023	16:00	PO	For routine bay maintenance works.
LONIKAND I - KOYNA STAGE-IV	IntraState	18/06/2023	08:26	18/06/2023	19:02	EO	Repairing of damaged conductor between Loc.No.21-22 (Y Phase)
PADGHE - KALWA CKT - 1	IntraState	18/06/2023	15:53	18/06/2023	19:27	EO	To replace the decapped insulator string at loc no -1040 B Phase(DSN)
BABHALESHWAR - PADGHE CKT - 2	IntraState	18/06/2023	22:08		Continued.	PO	Routine Line maintenance and Insulator cleaning 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.
400/220/33KV 315MVA ICT - 2 @ LONIKAND	IntraState	17/06/2023	09:37	17/06/2023	12:51	PO	Pre-monsoon maintenance activity
400/220/33 KV 315 MVA ICT - 1 @ LONIKAND	IntraState	17/06/2023	14:17	17/06/2023	18:22	PO	Pre-monsoon maintenance activity
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	17/06/2023	14:56	17/06/2023	18:43	T	Tripped on NDR
220 KV MAINBAY Outages/Tripping							
220 KV WANI - PANDHARKAWDA CKT I BAY (TEST CHARGED)	IntraState	02/06/2023	10:10			HT	For rectification of punch points of 220kv wani- pandharkawada line ph-i line.
220 KV LINE Outages/Tripping							
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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	17/06/2023	01:07	17/06/2023	01:59	T	Tripped on Distance Protection.
WAGHIVALI - DHARAVI 7	IntraState	17/06/2023	06:35	17/06/2023	09:31	PO	Emergency tree trimming in span 96-97
GIS BHANDUP - BORIVALI	IntraState	17/06/2023	09:26	17/06/2023	13:10	PO	Relay Testing work
VSNL- KHADKI	IntraState	17/06/2023	10:19	17/06/2023	12:20	PO	For attending CB ready signal in Distance relay is frequently getting low and high.
KANDALGAON - SONA ALLOYS	IntraState	17/06/2023	11:06	17/06/2023	21:00	PO	Outage tree cutting and other line maintenance work.
PARLI 3(OLD GCR)-PARLI NEWTPS CKT-2	IntraState	17/06/2023	11:13	17/06/2023	14:05	EO	Y&B Phase CT Leakage
DAHANU - VIRAJ	IntraState	17/06/2023	14:13	17/06/2023	15:56	PO	Pre-Monsoon Maintenance work.
BOISAR II - VIRAJ	IntraState	17/06/2023	16:26	17/06/2023	17:54	PO	Pre-Monsoon Maintenance work.
GOREGAON - AAREY CKT - 2	IntraState	17/06/2023	18:14			PO	Shifting of existing 220kV AIS Bay no. 2 to New GIS Bay no. 19 under MERC approved Aarey 220kV AIS to GIS conversion project scheme.
KALWA - COLOURCHEM	IntraState	18/06/2023	10:09	18/06/2023	15:08	PO	Removing of Jumpers at Loc no.4 for making LILO of the line at 220KV GIS S/stn for power supply to DCHI under ORC.
MAIN BUS - 2 @ BOISAR II	IntraState	18/06/2023	12:13	18/06/2023	14:21	PO	1) Insulator string replacement. Pilot -1no & Tension-1no.
BHIRA - KARANJADE 8	IntraState	18/06/2023	13:48	18/06/2023	17:28	PO	PROJECT WORK-OPGW STRINING
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
220/33 KV 50 MVA PTR 3 @ KHARGHAR	IntraState	17/06/2023	04:19	17/06/2023	05:24	PO	PRE MONSOON MAINTNEANCE
220/33 KV 50 MVA PTR 2 @ KHARGHAR	IntraState	17/06/2023	05:27	17/06/2023	06:12	PO	PRE MONSOON MAINTENANCE
220/100 KV 100 MVA ICT 1 @ JAMBHUL	IntraState	17/06/2023	09:23	17/06/2023	14:05	PO	1)Premonsoon Maintenance Work, Plastic paper wrapping. 2)Measurement of ICT Neutral Earth Pit Resistance 3) ICT Cleaning Work
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	17/06/2023	10:45	17/06/2023	11:18	PO	Pri monsoon Maintenance Work
220/100 KV 125 MVA ICT 2 @ JAMBHUL	IntraState	17/06/2023	14:11	17/06/2023	17:20	PO	1)Premonsoon Maintenance Work, Plastic paper wrapping to auxiliary protections 2) Measurement of ICT Neutral Earth Pit Resistance. 3) ICT Cleaning Work
220/132KV 200MVA ICT 1 @ JEUR	IntraState	18/06/2023	14:35	18/06/2023	17:20	EO	Outage is required for attending oil leakage from Yph LV CT
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.
KALWA KALYAN	IntraState	16/06/2023	21:00	17/06/2023	06:12	PO	Project work of Tower foundation work under vicinity of line at loc. 156A (Bullet Train Project)
KARANJADE - WAGHIVALI CKT - 1	IntraState	17/06/2023	10:00	17/06/2023	12:15	PO	For protection testing and trials
TATA BORIVLI MSETCL BORIVLI 2	IntraState	18/06/2023	08:27	18/06/2023	10:01	PO	FOR TREE TRIMMING

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BHIRA (T) - KHOPOLI 2	IntraState	18/06/2023	13:30	18/06/2023	15:30	PO	PROJECT WORK-OPGW STRINING
KALWA KALYAN	IntraState	18/06/2023	21:47		Continued.	PO	Tower foundation work under vicinity of line at loc. 156A (Bullet Train Project)

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