

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jul/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.427	3322.514	1) Gujrat	-5.245	-88.847
2) Hydro	6.047	160.701	2) Madhya Pradesh	7.548	251.451
3) Gas	8.911	232.718	3) Chattisgarh	2.940	102.000
Total MSPGCL	120.385	3715.933	4) Maharashtra	70.496	2743.897
B) 1) APML	58.198	1720.229	5) Goa (Amona)	-0.682	-13.442
2) JSWEL	20.342	618.354	Total	75.057	2995.059
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.306	627.684
4) RPL(AMT)	0.000	137.375	b) Mumbai Drawl	24.688	806.994
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.490	237.898
6) Other IPP	2.214	68.625	Include PX	-5.681	-131.920
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.306	627.684
C) 1) TPCL Thermal	11.574	367.861	Include PX	3.572	187.161
2) TPCL Hydro	2.510	127.695	Standby	0.000	0.000
3) TPCL Gas	2.777	108.385	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.951	269.938	1) MSEDCL	314.290	9803.924
D) STATE			2) Mumbai Discoms	50.500	1680.877
1) Thermal	206.706	6504.896	TOTAL STATE	364.790	11484.801
(A1+C1+C4+(B1-B6))					
2) Hydro	8.557	288.396			
(A2+C2)					
3) Gas	11.688	341.103			
(A3+B7+C3)					
4) Wind	60.632	1226.848			
6) SOLAR	2.150	128.495			
TOTAL STATE	289.733	8489.738			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4421	4451	4507	4404
MSPGCL Hydro	261	198	625	156
MSPGCL Gas	367	380	377	325
MSPGCL Total Generation	5049	5029	5509	4885
Central Sector Receipt	4223	3374	3834	2125
WIND	2405	2585	2269	2646
CPP / IPP Thermal	3497	3213	3403	3228
CPP / IPP Gas	0	0	0	0
SOLAR	204	287	0	0
Exchange with Mumbai	-1121	-1291	-1154	-803
MSEDCL DEMAND MET	14257	13197	13861	12081
Load Shedding	0	0	0	0
MSEDCL DEMAND	14257	13197	13861	12081
TPCL GENERATION	670	668	756	669
AEML GENERATION	372	372	373	374
MUMBAI DEMAND	2163	2331	2283	1846
STATE DEMAND MET	16420	15528	16144	13927
STATE DEMAND	16420	15528	16144	13927
Frequency (Hz)	50.04	50.04	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13:03 Hrs	49.84 Hz at 06:16 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 28/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	59.84	0	0
Unit 7	0.00	42.59	0	0
Unit 8	0.00	190.87	0	0
Unit 9	0.00	154.80	0	0
Unit 10	10.14	163.38	461	335
Total	10.14	611.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.70	272.94	425	350
Unit 5	8.64	257.34	415	310
Total	17.34	530.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	2.16	72.32	135	44
Unit 4	2.30	87.62	104	81
Unit 5	8.63	205.21	365	341
Unit 6	8.21	210.67	370	300
Unit 7	0.00	200.26	0	0
Unit 8	8.77	234.80	418	360
Unit 9	8.77	170.37	439	360
Total	38.85	1181.26		
Paras				
Unit 3	4.91	128.54	250	193
Unit 4	4.86	118.55	250	190
Total	9.76	247.08		
Khaparkheda				
Unit 1	3.06	92.64	150	80
Unit 2	2.68	78.00	120	100
Unit 3	3.57	96.60	160	134
Unit 4	0.00	60.36	0	0
Unit 5	8.58	146.93	435	340
Total	17.88	474.53		
Nasik				
Unit 3	3.82	94.18	164	152
Unit 4	3.75	104.65	174	112
Unit 5	3.88	79.07	166	156
Total	11.45	277.89		
Uran				
All Units	8.91	232.72	394	325
Total	8.91	232.72		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	2.30	57.81	300	40
Stage 4	0.00	16.60	0	0
Stage 3	1.59	39.88	160	0
Total	3.89	114.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.48	7.85	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	11.56	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.41	7.16	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	3.18	11	10
GHATGHAR	0.66	15.51	125	0
Total	2.16	46.40		
Wind				
Total	60.63	1226.85	0	0
Total	60.63	1226.85		
CPP				
APML(Mus)	58.20	1720.23	0	0
JSWEL(Mus)	20.34	618.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	137.38	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.21	68.62	0	0
Total	80.75	2544.58		
SOLAR				
Total	2.15	128.50	0	0
Total	2.15	128.50		
Tata				
Trombay 5	6.85	231.32	302	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	67.29	65	63
Trombay 7B	1.22	41.09	52	50
Trombay 8	4.72	136.54	201	193
TATA Hydro	2.51	127.70	341	75
Total	16.86	603.94		
AEML				
DTPS U-1&2	8.95	269.94	374	372
Total	8.95	269.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.43	3322.51	MSPGCL Total	120.38	3715.93
			MSPGCL Thml+Gas	114.34	3555.23	Koyna 1,2 & 4 Total	2.30	74.41
			MSPGCL Hydro	6.05	160.70	State Total	289.73	8489.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Jul/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4345	146	349	4840	2916	3210	0	0	2534	2474	-971	12469	0	12469	2066	14535	50.04
2	4312	140	332	4784	2897	3225	0	0	2057	2225	-833	12298	0	12298	1930	14228	50.05
3	4404	156	325	4885	2646	3228	0	0	1952	2125	-803	12081	0	12081	1846	13927	50.04
4	4397	151	367	4915	2511	3206	0	0	2066	2335	-749	12218	0	12218	1790	14008	50.04
5	4390	151	370	4911	2383	3192	0	0	2197	2623	-728	12381	0	12381	1770	14151	50.05
6	4429	271	380	5080	2338	3216	0	0	2889	3246	-777	13103	0	13103	1817	14920	50.00
7	4457	181	373	5011	2117	3338	0	10	3914	4027	-773	13730	0	13730	1814	15544	49.99
8	4472	196	394	5062	2376	3522	0	52	3928	4102	-841	14273	0	14273	1880	16153	50.00
9	4395	231	381	5007	2505	3581	0	119	4165	3948	-977	14183	0	14183	2019	16202	50.02
10	4421	261	367	5049	2405	3497	0	204	4164	4223	-1121	14257	0	14257	2163	16420	50.04
11	4501	261	380	5142	2568	3412	0	296	4145	3909	-1248	14079	0	14079	2294	16373	50.01
12	4452	251	381	5084	2666	3230	0	327	3764	3866	-1307	13866	0	13866	2352	16218	50.03
13	4451	198	380	5029	2585	3213	0	287	3672	3374	-1291	13197	0	13197	2331	15528	50.04
14	4460	250	372	5082	2861	3216	0	262	3271	2505	-1222	12704	0	12704	2260	14964	50.13
15	4316	350	377	5043	2618	3200	0	230	2282	2586	-1166	12511	0	12511	2203	14714	50.03
16	4327	295	371	4993	2689	3199	0	170	2647	2651	-1124	12578	0	12578	2162	14740	50.02
17	4348	273	389	5010	2590	3197	0	110	2458	2708	-1072	12543	0	12543	2111	14654	50.03
18	4379	418	366	5163	2499	3185	0	70	2748	2909	-1044	12782	0	12782	2099	14881	49.96
19	4330	375	369	5074	2598	3216	0	13	3452	3647	-1091	13457	0	13457	2153	15610	49.97
20	4507	625	377	5509	2269	3403	0	0	3583	3834	-1154	13861	0	13861	2283	16144	49.96
21	4694	283	377	5354	2453	3843	0	0	3366	2984	-992	13642	0	13642	2307	15949	49.98
22	4350	169	379	4898	2512	3829	0	0	3111	2925	-965	13199	0	13199	2294	15493	49.98
23	4178	315	371	4864	2278	3767	0	0	2586	2949	-1221	12637	0	12637	2297	14934	50.04
24	4112	100	384	4596	2352	3629	0	0	3009	2882	-1218	12241	0	12241	2259	14500	50.03
MUs	105.43	6.05	8.91	120.38	60.63	80.75	0.00	2.15	73.96	75.06	-24.69	314.29	0.00	314.29	50.50	364.79	50.02

NOTE : ALL VALUES IN MW

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

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jul/2019

Position as on 6.30 Hrs of 29/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem	
MSPGCL	Koyna STG-IV Unit-2	250	18/07/2019	15.00		Continued.	Checking of Generator Protection System	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-3	270	25/07/2019	18.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	26/07/2019	00.15		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Flame Failure	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	27/07/2019	20.18	28/07/2019	03.21	Insulator String Broken.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jul/2019

Position as on 6.30 Hrs of 29/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	28/07/2019	19.33		Continued.	Flame Failure	
MSPGCL	Khaparkheda Unit 3	210	29/07/2019	03.40		Continued.	Flame Failure	
MSPGCL	Uran Unit A0	120	29/07/2019	03.59	29/07/2019	06.30	TBC Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 29/Jul/2019

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	26/07/2019	19.03		Continued.	HT	Over Voltage
Dabhol Newkoyna li	InterState	28/07/2019	03.32	28/07/2019	09.14	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Dhule - Bableshtar - II	IntraState	25/07/2019	21.47		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	27/07/2019	07.34		Continued.	T	Distance Protection, String Broken At Loc 87.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Ambazari-Amravati	IntraState	24/07/2019	10.47	28/07/2019	12.40	PO	Construction Work.
Trombay MSETCL Tie 1	IntraState	28/07/2019	12.28	28/07/2019	16.24	PO	TBR Installation.
Pedambe-Nerle	IntraState	28/07/2019	12.50	28/07/2019	18.25	T	Y-PH Conductor Broken At Peambe End.
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	28/07/2019	12.50	28/07/2019	14.38	T	Distance Protection,Z-2,R-Ph.1.8Ka.99.34KM From Nashik.
Kalwa1- Airoli Knowledge Park	IntraState	28/07/2019	12.50	28/07/2019	14.01	T	Distance Protection,R-PH.4.06KA.38.1KM.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage