

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jul/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.868	3512.156	1) Gujrat	-2.580	-95.079
2) Hydro	6.971	173.737	2) Madhya Pradesh	7.931	267.674
3) Gas	9.249	250.834	3) Chattisgarh	2.860	108.170
Total MSPGCL	110.088	3936.727	4) Maharashtra	74.469	2899.673
B) 1) APML	58.854	1839.415	5) Goa (Amona)	-0.594	-14.542
2) JSWEL	20.766	659.586	Total	82.086	3165.896
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.745	673.758
4) RPL(AMT)	0.000	137.375	b) Mumbai Drawl	28.354	863.843
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	2.013	248.641
6) Other IPP	1.908	72.572	Include PX	-9.294	-145.793
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.745	673.758
C) 1) TPCL Thermal	12.098	392.359	Include PX	6.170	200.269
2) TPCL Hydro	4.843	138.031	Standby	0.000	0.000
3) TPCL Gas	3.786	115.982	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.365	288.865	1) MSEDCL	309.985	10431.204
D) STATE			2) Mumbai Discoms	58.446	1799.084
1) Thermal	196.859	6902.328	TOTAL STATE	368.431	12230.288
(A1+C1+C4+(B1-B6))					
2) Hydro	11.814	311.768			
(A2+C2)					
3) Gas	13.035	366.816			
(A3+B7+C3)					
4) Wind	62.705	1351.287			
6) SOLAR	1.932	132.189			
TOTAL STATE	286.345	9064.388			

* 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 2 Hrs
MSPGCL Thermal	3967	3746	3762	4176
MSPGCL Hydro	310	312	338	163
MSPGCL Gas	377	392	388	377
MSPGCL Total Generation	4654	4450	4488	4716
Central Sector Receipt	4698	3752	3994	2234
WIND	2663	2834	2750	2355
CPP / IPP Thermal	3471	3194	3865	3195
CPP / IPP Gas	0	0	0	0
SOLAR	202	322	0	0
Exchange with Mumbai	-1373	-1622	-1176	-961
MSEDCL DEMAND MET	14315	12930	13921	11539
Load Shedding	0	0	0	0
MSEDCL DEMAND	14315	12930	13921	11539
TPCL GENERATION	964	999	1071	605
AEML GENERATION	499	374	373	375
MUMBAI DEMAND	2836	2995	2620	1941
STATE DEMAND MET	17151	15925	16541	13480
STATE DEMAND	17151	15925	16541	13480
Frequency (Hz)	49.99	50.03	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.00 Hrs	49.78 Hz at 06.23 Hrs	49.98	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 30/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	8.73	180.33	425	130
Total	8.73	628.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.54	290.00	380	345
Unit 5	8.65	274.54	420	350
Total	17.19	564.54		
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	0.53	74.15	95	0
Unit 4	1.70	91.09	81	57
Unit 5	6.94	220.36	330	245
Unit 6	7.72	226.91	360	245
Unit 7	0.00	200.26	0	0
Unit 8	5.95	247.53	350	198
Unit 9	6.57	183.59	360	235
Total	29.41	1243.88		
Paras				
Unit 3	4.61	137.95	234	167
Unit 4	4.29	127.57	220	137
Total	8.90	265.52		
Khaparkheda				
Unit 1	3.12	98.50	160	90
Unit 2	2.96	83.42	145	80
Unit 3	3.30	102.32	153	121
Unit 4	0.00	60.36	0	0
Unit 5	8.86	164.47	420	350
Total	18.25	509.06		
Nasik				
Unit 3	3.73	101.59	161	150
Unit 4	3.83	112.32	167	139
Unit 5	3.83	86.83	165	151
Total	11.39	300.73		
Uran				
All Units	9.25	250.83	401	371
Total	9.25	250.83		
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	2.03	61.45	320	40
Stage 4	0.00	16.80	0	0
Stage 3	2.83	45.07	160	80
Total	4.86	123.32		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.75	8.60	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	12.42	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.48	8.22	24	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	3.78	14	13
GHATGHAR	0.14	16.24	125	0
Total	2.11	50.42		
Wind				
Total	62.70	1351.29	0	0
Total	62.70	1351.29		
CPP				
APML(Mus)	58.85	1839.42	0	0
JSWEL(Mus)	20.77	659.59	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)	1.91	72.57	0	0
Total	81.53	2708.95		
SOLAR				
Total	1.93	132.19	0	0
Total	1.93	132.19		
Tata				
Trombay 5	7.33	246.28	318	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	71.98	116	61
Trombay 7B	1.45	44.00	67	49
Trombay 8	4.77	146.08	200	197
TATA Hydro	4.84	138.03	376	2
Total	20.73	646.37		
AEML				
DTPS U-1&2	9.36	288.86	501	373
Total	9.36	288.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.87	3512.16	MSPGCL Total	110.09	3936.73
			MSPGCL Thml+Gas	103.12	3762.99	Koyna 1,2 & 4 Total	2.03	78.25
			MSPGCL Hydro	6.97	173.74	State Total	286.34	9064.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	4182	158	383	4723	2742	3183	0	0	2715	2486	-1064	12070	0	12070	2096	14166	50.01
2	4176	163	377	4716	2355	3195	0	0	2300	2234	-961	11539	0	11539	1941	13480	50.01
3	4218	168	394	4780	2318	3201	0	0	2244	2395	-877	11817	0	11817	1847	13664	50.00
4	4222	168	382	4772	2526	3208	0	0	2229	2056	-825	11737	0	11737	1794	13531	49.95
5	4024	158	371	4553	2335	3198	0	0	2209	2587	-813	11860	0	11860	1782	13642	49.97
6	4040	423	381	4844	2400	3259	0	0	3023	3284	-927	12860	0	12860	1904	14764	49.92
7	4164	360	380	4904	2301	3635	0	10	4268	4340	-1066	14124	0	14124	2069	16193	49.90
8	4193	197	386	4776	2384	3742	0	46	4577	4281	-1208	14021	0	14021	2253	16274	50.01
9	4067	248	386	4701	2589	3649	0	126	4728	4541	-1340	14266	0	14266	2550	16816	50.02
10	3967	310	377	4654	2663	3471	0	202	4688	4698	-1373	14315	0	14315	2836	17151	49.99
11	3915	312	398	4625	2665	3233	0	193	4596	4446	-1502	13660	0	13660	3024	16684	50.01
12	3818	312	394	4524	2609	3222	0	237	4475	4375	-1582	13385	0	13385	3073	16458	50.01
13	3746	312	392	4450	2834	3194	0	322	4008	3752	-1622	12930	0	12930	2995	15925	50.03
14	3784	333	387	4504	2843	3185	0	276	3167	3046	-1456	12398	0	12398	2827	15225	50.00
15	3783	548	383	4714	2656	3201	0	219	2789	3163	-1372	12581	0	12581	2783	15364	49.94
16	3779	337	388	4504	2772	3172	0	177	3223	3065	-1334	12356	0	12356	2743	15099	50.01
17	3719	313	377	4409	2638	3199	0	106	3433	3605	-1289	12668	0	12668	2701	15369	49.94
18	3731	317	381	4429	2964	3259	0	16	3928	3825	-1263	13230	0	13230	2667	15897	50.02
19	3759	302	401	4462	2590	3576	0	2	4177	4229	-1340	13519	0	13519	2650	16169	49.97
20	3762	338	388	4488	2750	3865	0	0	4265	3994	-1176	13921	0	13921	2620	16541	49.97
21	3731	278	386	4395	2771	3860	0	0	3677	3544	-1064	13506	0	13506	2496	16002	49.91
22	3811	297	375	4483	2765	3944	0	0	3001	2714	-917	12989	0	12989	2363	15352	49.96
23	3795	267	393	4455	2729	3587	0	0	2460	2673	-925	12519	0	12519	2261	14780	49.95
24	3482	352	389	4223	2506	3290	0	0	2394	2753	-1058	11714	0	11714	2171	13885	50.02
MUs	93.87	6.97	9.25	110.09	62.70	81.53	0.00	1.93	82.57	82.09	-28.35	309.98	0.00	309.98	58.45	368.43	49.98

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 30/Jul/2019

Position as on 6.30 Hrs of 31/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	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
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.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	30/07/2019	08.05		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jul/2019

Position as on 6.30 Hrs of 31/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	30/07/2019	23.37		Continued.	ZERO SCHEDULE.	
MSPGCL	Chandrapur Unit 5	500	31/07/2019	02.59		Continued.	ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 31/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
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 - Bableshwar - II	IntraState	25/07/2019	21.47		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/07/2019	23.59	30/07/2019	13.48	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	30/07/2019	13.59	30/07/2019	16.04	PO	RELAY MAINTENANCE WORK.(REC)
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/07/2019	03.28		Continued.	HT	Over Voltage
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.
Boiser(M)-Boiser(PG) -III	InterState	29/07/2019	17.50	30/07/2019	11.20	T	R-Phase Jumper Broken Loc no 18. of 220KV PGCIL Line 3.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Boisar Versova Line	IntraState	29/07/2019	17.51	30/07/2019	11.25	HT	To Control Loading.
Virur - Gadchiroli	IntraState	30/07/2019	01.30	30/07/2019	01.50	T	PDR
Ongc Panvel - Tss Panvel	IntraState	30/07/2019	10.40		Continued.	PO	REPLACEMENT OF ONGC OPGW WIRE AT LOCATION NO.3&4 .
Nashik-Padgha	IntraState	30/07/2019	11.48		Continued.	PO	FOR LINE LOAD CONTROL.
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	30/07/2019	12.44		Continued.	PO	FOR PROJECT WORK AT GCR END.
Malharpeth - Karad(400kv)	IntraState	31/07/2019	04.58	31/07/2019	05.27	T	Distance Protection
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Cgl Ptr 1 @Taloja	IntraState	30/07/2019	02.23	30/07/2019	06.50	T	CKT FAULT ON MAIN BREAKER,SHIFTED ON TBC.
220/66 Kv 50 Mva Bhel Ptr 2 @Warora	IntraState	30/07/2019	09.50	30/07/2019	20.41	PO	HEAVY RAIN,LV CT BRUST,9MW LOAD AFFECTED.

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