

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Aug/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.325	404.219	1) Gujrat	-0.740	-8.876
2) Hydro	8.482	47.554	2) Madhya Pradesh	9.681	55.655
3) Gas	9.348	47.275	3) Chattisgarh	2.480	17.930
Total MSPGCL	92.155	499.048	4) Maharashtra	88.843	511.938
B) 1) APLM	51.685	354.956	5) Goa (Amona)	-0.550	-4.312
2) JSWEL	24.120	139.189	Total	99.714	572.335
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.916	122.282
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.527	154.321
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.894	63.889
6) Other IPP	2.510	14.346	Include PX	-2.471	-24.009
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.916	122.282
C) 1) TPCL Thermal	12.938	71.335	Include PX	2.415	23.620
2) TPCL Hydro	7.018	30.263	Standby	0.000	0.000
3) TPCL Gas	4.374	21.056	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.832	57.545	1) MSEDCL	309.346	1812.197
D) STATE			2) Mumbai Discoms	58.689	334.519
1) Thermal	175.410	1041.590	TOTAL STATE	368.035	2146.716
(A1+C1+C4+(B1-B6))					
2) Hydro	15.500	77.817			
(A2+C2)					
3) Gas	13.722	68.331			
(A3+B7+C3)					
4) Wind	60.129	369.078			
6) SOLAR	3.560	17.566			
TOTAL STATE	268.321	1574.382			

* 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 4 Hrs
MSPGCL Thermal	3243	3031	3294	3061
MSPGCL Hydro	365	372	362	329
MSPGCL Gas	392	390	391	392
MSPGCL Total Generation	4000	3793	4047	3782
Central Sector Receipt	4987	4166	4814	2957
WIND	2432	2496	2548	2559
CPP / IPP Thermal	3705	3361	3685	2892
CPP / IPP Gas	0	0	0	0
SOLAR	306	537	0	0
Exchange with Mumbai	-1218	-1522	-888	-543
MSEDCL DEMAND MET	14212	12831	14206	11647
Load Shedding	0	0	0	0
MSEDCL DEMAND	14212	12831	14206	11647
TPCL GENERATION	1109	1090	1284	802
AEML GENERATION	501	374	499	375
MUMBAI DEMAND	2828	2986	2671	1720
STATE DEMAND MET	17040	15817	16877	13367
STATE DEMAND	17040	15817	16877	13367
Frequency (Hz)	50.03	50.03	50.02	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.01 Hrs	49.82 Hz at 06.12 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 06/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Unit 10	0.16	0.16	122	0
Total	0.16	0.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.54	54.76	500	350
Unit 5	9.36	54.50	475	355
Total	18.90	109.26		
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	2.88	9.79	152	86
Unit 4	2.74	12.93	139	91
Unit 5	6.18	27.02	275	230
Unit 6	6.01	37.22	315	150
Unit 7	0.00	0.00	0	0
Unit 8	7.77	34.77	368	100
Unit 9	8.08	37.39	375	284
Total	33.66	159.13		
Paras				
Unit 3	3.14	17.38	210	0
Unit 4	2.84	15.52	150	85
Total	5.98	32.90		
Khaparkheda				
Unit 1	0.96	10.98	95	0
Unit 2	3.13	15.98	140	120
Unit 3	3.22	19.08	154	90
Unit 4	0.00	0.00	0	0
Unit 5	8.32	45.73	390	330
Total	15.62	91.76		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	0.00	0.70	0	0
Unit 5	0.00	2.11	0	0
Total	0.00	11.00		
Uran				
All Units	9.35	47.28	399	377
Total	9.35	47.28		
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	1.12	10.57	85	40
Stage 4	0.00	1.24	0	0
Stage 3	3.50	15.01	160	0
Total	4.62	26.82		
Hydro				
KDPH	0.77	4.24	32	32
VTRNA	0.00	0.00	0	0
TILLARI	1.44	6.40	60	60
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	2.65	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	2.90	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	2.63	26	16
GHATGHAR	0.41	1.91	125	0
Total	3.87	20.74		
Wind				
Total	60.13	369.08	0	0
Total	60.13	369.08		
CPP				
APML(Mus)	51.68	354.96	0	0
JSWEL(Mus)	24.12	139.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.51	14.35	0	0
Total	78.32	508.49		
SOLAR				
Total	3.56	17.57	0	0
Total	3.56	17.57		
Tata				
Trombay 5	8.05	44.44	462	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	12.80	116	115
Trombay 7B	1.59	8.25	67	66
Trombay 8	4.89	26.89	219	194
TATA Hydro	7.02	30.26	435	123
Total	24.33	122.65		
AEML				
DTPS U-1&2	9.83	57.54	503	373
Total	9.83	57.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	74.32	404.22	MSPGCL Total	92.16	499.05
			MSPGCL Thml+Gas	83.67	451.49	Koyna 1,2 & 4 Total	1.12	11.80
			MSPGCL Hydro	8.48	47.55	State Total	268.32	1574.38

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 06/Aug/2019

Annexure-2

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	2847	324	382	3553	2977	3140	0	0	3087	3064	-840	11894	0	11894	2017	13911	50.02
2	2918	324	392	3634	2934	3039	0	0	2741	2908	-694	11821	0	11821	1866	13687	50.03
3	3055	344	390	3789	2810	2884	0	0	2517	2866	-599	11750	0	11750	1779	13529	50.04
4	3061	329	392	3782	2559	2892	0	0	2535	2957	-543	11647	0	11647	1720	13367	50.05
5	2932	324	394	3650	2350	2876	0	0	3106	3399	-542	11733	0	11733	1717	13450	50.02
6	2993	320	392	3705	2283	3103	0	0	3906	4194	-670	12615	0	12615	1846	14461	50.01
7	3187	366	390	3943	2200	3650	0	15	4498	4564	-672	13700	0	13700	2016	15716	49.96
8	3068	444	392	3904	2214	3635	0	102	4869	4992	-773	14074	0	14074	2209	16283	50.01
9	3159	383	394	3936	2221	3668	0	193	4891	5071	-1009	14080	0	14080	2520	16600	50.02
10	3243	365	392	4000	2432	3705	0	306	4830	4987	-1218	14212	0	14212	2828	17040	50.03
11	3181	375	389	3945	2201	3603	0	386	4871	4966	-1492	13609	0	13609	3000	16609	50.03
12	2949	377	390	3716	2245	3540	0	444	4864	4874	-1556	13263	0	13263	3057	16320	50.02
13	3031	372	390	3793	2496	3361	0	537	4709	4166	-1522	12831	0	12831	2986	15817	50.03
14	3034	372	379	3785	2632	2932	0	532	4292	4004	-1436	12449	0	12449	2855	15304	50.08
15	3075	368	387	3830	2575	2814	0	436	3955	4267	-1412	12510	0	12510	2861	15371	49.99
16	3068	361	399	3828	2646	2834	0	345	4232	4201	-1391	12463	0	12463	2854	15317	50.02
17	3043	374	377	3794	2618	2799	0	161	4251	4480	-1389	12463	0	12463	2842	15305	49.99
18	3084	328	390	3802	2586	2999	0	86	4400	4684	-1345	12812	0	12812	2816	15628	50.02
19	3350	347	391	4088	2437	3476	0	17	4628	4359	-1056	13321	0	13321	2742	16063	50.03
20	3294	362	391	4047	2548	3685	0	0	4646	4814	-888	14206	0	14206	2671	16877	50.02
21	3191	347	391	3929	2422	3627	0	0	4467	4526	-818	13686	0	13686	2569	16255	50.04
22	3203	327	380	3910	2508	3592	0	0	4343	4213	-846	13377	0	13377	2426	15803	50.00
23	3194	322	391	3907	2614	3368	0	0	3917	3923	-952	12860	0	12860	2308	15168	50.03
24	3165	327	393	3885	2621	3093	0	0	3386	3235	-864	11970	0	11970	2184	14154	50.01
MUs	74.32	8.48	9.35	92.15	60.13	78.32	0.00	3.56	97.94	99.71	-24.53	309.35	0.00	309.35	58.69	368.04	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 06/Aug/2019

Position as on 6.30 Hrs of 07/Aug/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	07/08/2019	06.05	Annual Overhaul	
MSPGCL	Khaparkheda 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	
IPP	Adani U-2	660	05/08/2019	00.13		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	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Aug/2019

Position as on 6.30 Hrs of 07/Aug/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	06/08/2019	22.00	ZERO SCHEDULE.	
MSPGCL	Nasik Unit 4	210	01/08/2019	05.30	07/08/2019	01.40	Wet Coal(Converted into Zero Schedule from 16.00Hrs)	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet,Sticky & Poor Quality coal	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Due to PA fan tripping on DC voltage failure.	
MSPGCL	Chandrapur Unit-8	500	05/08/2019	19.49	06/08/2019	00.11	On IPT bearing temp high (Turbine problem) fault.	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Paras Unit 3	250	06/08/2019	03.55	06/08/2019	08.19	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 1	210	06/08/2019	10.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 07/Aug/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
Akola Wardha I	InterState	06/08/2019	12.43	06/08/2019	15.01	PO	Routine Maintenance Work & Testing Work.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	31/07/2019	21.46		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	05/08/2019	13.13		Continued.	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	06/08/2019	10.53	06/08/2019	11.33	T	At only NEW KOYNA End-No WI Or RI,Charged With testing Clearance.
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.
400/11.5 kv 90MVA STN T/F-IV @ Chandrapur	IntraState	03/08/2019	18.45	06/08/2019	11.13	T	Trip Ckt Faulty,Earth Fault Operated.
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.
Tillari Amona	InterState	05/08/2019	07.41		Continued.	PO	Under Break Down.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Parli 3 (Oldgcr)-Harangul Ckt I	IntraState	06/08/2019	08.19	06/08/2019	12.59	PO	CT Tan Delta & CB CRM Timing.
Pedambe-Pophali	IntraState	06/08/2019	12.35		Continued.	HT	Line Emergency Hand trip Due to Landslide Observed at Loc No 19(KUMBHARLI VILLAGE)
Pophali - Pedambe II	IntraState	06/08/2019	12.36		Continued.	HT	Line Emergency Hand trip Due to Landslide Observed at Loc No 19(KUMBHARLI VILLAGE)
Pophali - Nerale	IntraState	06/08/2019	21.45	06/08/2019	23.20	T	Distance Protection
New Koyna - Pedambe	IntraState	07/08/2019	00.03	07/08/2019	02.20	T	Bus Bar Protection Operated
Pedambe-Nerle	IntraState	07/08/2019	00.03	07/08/2019	01.27	T	Bus Bar Protection Operated
Pedhambe - Oni	IntraState	07/08/2019	00.03	07/08/2019	02.17	T	Bus Bar Protection Operated
Adlabs - Pedambe	IntraState	07/08/2019	00.03	07/08/2019	01.40	T	Bus Bar Protection Operated
Mahad - Pedambe	IntraState	07/08/2019	00.03	07/08/2019	01.20	T	Bus Bar Protection Operated

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