

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Aug/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	62.510	256.910	1) Gujrat	-2.131	-7.341
2) Hydro	7.378	31.350	2) Madhya Pradesh	7.339	38.064
3) Gas	3.230	28.610	3) Chattisgarh	2.740	12.790
Total MSPGCL	73.118	316.870	4) Maharashtra	72.244	332.865
B) 1) APLM	60.267	256.064	5) Goa (Amona)	-0.792	-3.146
2) JSWEL	22.279	91.375	Total	79.400	373.232
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.808	80.948
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.035	103.939
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.862	39.908
6) Other IPP	2.453	9.796	Include PX	-5.982	-19.152
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.808	80.948
C) 1) TPCL Thermal	9.771	48.042	Include PX	1.690	17.769
2) TPCL Hydro	3.812	15.842	Standby	0.000	0.000
3) TPCL Gas	2.351	13.458	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.997	37.704	1) MSEDCL	283.872	1202.071
D) STATE			2) Mumbai Discoms	46.966	218.984
1) Thermal	166.277	699.891	TOTAL STATE	330.838	1421.055
(A1+C1+C4+(B1-B6))					
2) Hydro	11.190	47.192			
(A2+C2)					
3) Gas	5.581	42.068			
(A3+B7+C3)					
4) Wind	65.641	247.461			
6) SOLAR	2.749	11.212			
TOTAL STATE	251.438	1047.824			

* 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 24 Hrs
MSPGCL Thermal	2439	2522	2744	2878
MSPGCL Hydro	481	330	309	319
MSPGCL Gas	25	162	149	389
MSPGCL Total Generation	2945	3014	3202	3586
Central Sector Receipt	4090	3171	3885	2427
WIND	3114	2920	2819	2612
CPP / IPP Thermal	3258	3289	4048	3292
CPP / IPP Gas	0	0	0	0
SOLAR	262	387	0	0
Exchange with Mumbai	-1046	-1217	-883	-1044
MSEDCL DEMAND MET	12623	11564	13071	10873
Load Shedding	0	0	0	0
MSEDCL DEMAND	12623	11564	13071	10873
TPCL GENERATION	596	609	865	583
AEML GENERATION	374	375	375	375
MUMBAI DEMAND	2016	2201	2123	2002
STATE DEMAND MET	14639	13765	15194	12875
STATE DEMAND	14639	13765	15194	12875
Frequency (Hz)	50.06	50.03	49.91	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 14.03 Hrs	49.77 Hz at 20.56 Hrs	50	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 04/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	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.62	36.68	435	340
Unit 5	8.58	36.54	375	340
Total	17.19	73.22		
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	1.68	4.23	98	40
Unit 4	1.68	8.05	85	55
Unit 5	4.87	14.92	225	145
Unit 6	3.25	23.65	347	0
Unit 7	0.00	0.00	0	0
Unit 8	4.89	21.36	226	185
Unit 9	4.64	21.69	216	163
Total	21.02	93.90		
Paras				
Unit 3	3.34	9.42	160	130
Unit 4	3.24	9.08	186	108
Total	6.58	18.50		
Khaparkheda				
Unit 1	2.26	7.81	115	50
Unit 2	2.96	10.40	150	100
Unit 3	3.58	12.58	160	126
Unit 4	0.00	0.00	0	0
Unit 5	7.46	29.93	325	294
Total	16.26	60.72		
Nasik				
Unit 3	1.46	7.75	84	43
Unit 4	0.00	0.70	0	0
Unit 5	0.00	2.11	0	0
Total	1.46	10.56		
Uran				
All Units	3.23	28.61	389	0
Total	3.23	28.61		
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	1.31	7.82	155	40
Stage 4	0.00	1.24	0	0
Stage 3	2.92	8.84	160	0
Total	4.23	17.89		
Hydro				
KDPH	0.83	2.70	35	34
VTRNA	0.00	0.00	0	0
TILLARI	0.85	3.77	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	1.77	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.58	2.21	31	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	1.70	24	15
GHATGHAR	0.00	1.30	0	0
Total	3.15	13.46		
Wind				
Total	65.64	247.46	0	0
Total	65.64	247.46		
CPP				
APML(Mus)	60.27	256.06	0	0
JSWEL(Mus)	22.28	91.38	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)	2.45	9.80	0	0
Total	85.00	357.24		
SOLAR				
Total	2.75	11.21	0	0
Total	2.75	11.21		
Tata				
Trombay 5	6.05	29.99	284	234
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	8.09	60	50
Trombay 7B	1.07	5.36	49	42
Trombay 8	3.72	18.06	197	132
TATA Hydro	3.81	15.84	462	75
Total	15.93	77.34		
AEML				
DTPS U-1&2	9.00	37.70	376	374
Total	9.00	37.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	62.51	256.91	MSPGCL Total	73.12	316.87
			MSPGCL Thml+Gas	65.74	285.52	Koyna 1,2 & 4 Total	1.31	9.05
			MSPGCL Hydro	7.38	31.35	State Total	251.44	1047.82

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/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	2452	301	110	2863	2538	4271	0	0	2876	2669	-908	11433	0	11433	1946	13379	49.94
2	2373	238	150	2761	2526	4230	0	0	2937	2916	-775	11658	0	11658	1812	13470	50.01
3	2384	178	190	2752	2423	3774	0	0	3239	3163	-694	11418	0	11418	1729	13147	50.02
4	2371	178	176	2725	2404	3669	0	0	3236	3302	-633	11467	0	11467	1668	13135	50.01
5	2482	178	0	2660	2442	3678	0	0	3352	3309	-630	11459	0	11459	1662	13121	50.02
6	2495	293	0	2788	2649	3572	0	0	3895	3406	-673	11742	0	11742	1703	13445	50.01
7	2520	263	0	2783	2913	3319	0	23	3808	3860	-682	12216	0	12216	1714	13930	49.97
8	2533	338	0	2871	2757	3424	0	98	4226	4200	-791	12559	0	12559	1773	14332	50.00
9	2498	366	3	2867	2999	3503	0	193	3992	3950	-933	12579	0	12579	1875	14454	50.01
10	2439	481	25	2945	3114	3258	0	262	3697	4090	-1046	12623	0	12623	2016	14639	50.06
11	2476	398	50	2924	2724	3253	0	314	3985	4032	-1125	12122	0	12122	2144	14266	50.07
12	2447	329	122	2898	2707	3285	0	347	3709	3647	-1197	11687	0	11687	2219	13906	50.00
13	2522	330	162	3014	2920	3289	0	387	3284	3171	-1217	11564	0	11564	2201	13765	50.03
14	2646	315	161	3122	2874	3300	0	347	2862	2632	-1172	11103	0	11103	2124	13227	50.04
15	2735	320	161	3216	2883	3292	0	262	2602	2644	-1077	11220	0	11220	2041	13261	50.02
16	2747	321	172	3240	2822	3293	0	249	2634	2464	-966	11102	0	11102	1957	13059	50.01
17	2765	288	158	3211	2805	3292	0	176	2735	2746	-937	11293	0	11293	1927	13220	49.97
18	2746	371	128	3245	2821	3320	0	77	2876	3110	-970	11603	0	11603	1961	13564	49.99
19	2708	309	147	3164	2784	3733	0	14	3724	3513	-1062	12146	0	12146	2041	14187	50.00
20	2744	309	149	3202	2819	4048	0	0	4106	3885	-883	13071	0	13071	2123	15194	49.91
21	2781	304	202	3287	2784	3800	0	0	4097	3598	-830	12639	0	12639	2136	14775	49.90
22	2897	344	247	3488	2680	3630	0	0	3565	3402	-807	12393	0	12393	2109	14502	49.96
23	2871	307	328	3506	2641	3474	0	0	3278	3264	-983	11902	0	11902	2083	13985	50.03
24	2878	319	389	3586	2612	3292	0	0	2745	2427	-1044	10873	0	10873	2002	12875	50.04
MUs	62.51	7.38	3.23	73.12	65.64	85.00	0.00	2.75	81.46	79.40	-22.04	283.87	0.00	283.87	46.97	330.84	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.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Aug/2019

Position as on 6.30 Hrs of 05/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		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 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.	
MSPGCL	Koradi Unit 10	660	30/07/2019	23.37		Continued.	ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Aug/2019

Position as on 6.30 Hrs of 05/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	01/08/2019	05.30		Continued.	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	Uran Unit 5	108	03/08/2019	13.40	04/08/2019	08.54	220KV Bus Bar-I Fault	
MSPGCL	Chandrapur Unit 6	500	03/08/2019	18.48	04/08/2019	12.26	Tripped due to Failure of Stn 4	
MSPGCL	Uran Unit A0	120	03/08/2019	20.16	04/08/2019	03.35	220KV Bus Bar-II Fault	
MSPGCL	Uran Unit B0	120	03/08/2019	20.16	04/08/2019	00.34	220KV Bus Bar-II Fault	
MSPGCL	Uran Unit 6	108	03/08/2019	20.16	04/08/2019	00.35	220KV Bus Bar-II Fault	
MSPGCL	Uran Unit 6	108	04/08/2019	03.57	04/08/2019	11.21	220KV Bus Bar-I Fault	
MSPGCL	Uran Unit B0	120	04/08/2019	03.57	04/08/2019	21.55	220KV Bus Bar-I Fault	
MSPGCL	Uran Unit 8	108	04/08/2019	03.57		Continued.	220KV Bus Bar-I Fault	
MSPGCL	Uran Unit A0	120	04/08/2019	03.57	04/08/2019	15.22	220KV Bus Bar-I Fault	
IPP	Adani U-2	660	05/08/2019	00.13		Continued.	AOH.	
IPP	Adani U-3	660	05/08/2019	03.01		Continued.	Turbine protection shift protection act.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 05/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
Padgha Tarapur I	InterState	05/08/2019	03.46		Continued.	T	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 - I	IntraState	25/07/2019	21.47		Continued.	HT	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
Akola-Nandgaonpeth (RPL)	IntraState	01/08/2019	02.48		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/08/2019	00.53		Continued.	HT	Over Voltage
Bus Coupler @ Karad	IntraState	04/08/2019	20.19		Continued.	T	Tripped ONM PDR.
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.
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	04/08/2019	11.35	04/08/2019	14.24	T	Tripped, loss of SF6, master trip OPTD.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	04/08/2019	20.40	05/08/2019	00.23	T	220kv Bus Bar-1 Protection.
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.
Mahalakshmi Amona	InterState	04/08/2019	10.54	04/08/2019	12.47	T	Distance Protection, Tripped Only Amona End.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Uran - Kharghar I	IntraState	04/08/2019	03.57	04/08/2019	04.36	T	220KV Bus Bar-I Fault
Uran - Ongc Uran	IntraState	04/08/2019	03.57	04/08/2019	04.36	T	220KV Bus Bar-I Fault
Uran - Jnpt	IntraState	04/08/2019	03.57	04/08/2019	05.40	T	220KV Bus Bar-I Fault(Breaker Problem at JNPT end)
Uran - Kharghar I	IntraState	04/08/2019	05.28	04/08/2019	06.20	T	220KV Bus Bar-I Fault
Uran - Ongc Uran	IntraState	04/08/2019	05.28	04/08/2019	07.19	T	220KV Bus Bar-I Fault
Uran - Hoc 1	IntraState	04/08/2019	05.28	04/08/2019	14.30	T	220KV Bus Bar-I Fault
Uran - Apta II	IntraState	04/08/2019	05.28	04/08/2019	06.19	T	220KV Bus Bar-I Fault
Uran - Apta III	IntraState	04/08/2019	05.28	04/08/2019	14.40	T	220KV Bus Bar-I Fault
Taptitanda-Jalna ckt II	IntraState	04/08/2019	20.40	05/08/2019	03.30	T	Bus Bar Protection Operated
Nalasopara-Boisar	IntraState	05/08/2019	03.23		Continued.	T	Distance Protection

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