

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	84.190	488.409	1) Gujrat	-1.613	-10.489
2) Hydro	7.120	54.674	2) Madhya Pradesh	7.407	63.062
3) Gas	9.372	56.647	3) Chattisgarh	2.010	19.940
Total MSPGCL	100.682	599.730	4) Maharashtra	87.909	599.847
B) 1) APLM	49.180	404.136	5) Goa (Amona)	-0.484	-4.796
2) JSWEL	22.180	161.369	Total	95.229	667.564
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.428	143.710
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.379	182.700
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.147	76.035
6) Other IPP	2.550	16.896	Include PX	-2.632	-26.641
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.428	143.710
C) 1) TPCL Thermal	11.925	83.260	Include PX	1.877	25.497
2) TPCL Hydro	5.766	36.029	Standby	0.000	0.000
3) TPCL Gas	3.853	24.909	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.746	67.291	1) MSEDCL	308.285	2120.482
D) STATE			2) Mumbai Discoms	59.669	394.188
1) Thermal	179.771	1221.361	TOTAL STATE	367.954	2514.670
(A1+C1+C4+(B1-B6))					
2) Hydro	12.886	90.703			
(A2+C2)					
3) Gas	13.225	81.556			
(A3+B7+C3)					
4) Wind	64.201	433.279			
6) SOLAR	2.642	20.208			
TOTAL STATE	272.725	1847.107			

* 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	3670	3611	3637	3298
MSPGCL Hydro	340	340	430	167
MSPGCL Gas	402	378	392	382
MSPGCL Total Generation	4412	4329	4459	3847
Central Sector Receipt	4877	3910	4398	2871
WIND	2585	2731	2788	2664
CPP / IPP Thermal	3416	2842	3546	2877
CPP / IPP Gas	0	0	0	0
SOLAR	287	377	0	0
Exchange with Mumbai	-1446	-1519	-1239	-679
MSEDCL DEMAND MET	14131	12670	13952	11580
Load Shedding	0	0	0	0
MSEDCL DEMAND	14131	12670	13952	11580
TPCL GENERATION	910	1050	1114	667
AEML GENERATION	500	486	374	371
MUMBAI DEMAND	2856	3055	2727	1717
STATE DEMAND MET	16987	15725	16679	13297
STATE DEMAND	16987	15725	16679	13297
Frequency (Hz)	50.05	50.02	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.02 Hrs	49.83 Hz at 21.03 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 07/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	7.47	7.63	430	131
Total	7.47	7.63		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.32	63.08	415	280
Unit 5	8.40	62.90	400	285
Total	16.72	125.99		
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	2.29	12.08	116	40
Unit 4	2.23	15.17	106	60
Unit 5	6.78	33.80	325	210
Unit 6	6.82	44.04	350	210
Unit 7	0.00	0.00	0	0
Unit 8	8.10	42.87	391	257
Unit 9	7.59	44.98	400	240
Total	33.81	192.94		
Paras				
Unit 3	4.78	22.16	250	168
Unit 4	4.33	19.85	215	135
Total	9.12	42.02		
Khaparkhedda				
Unit 1	0.00	10.98	0	0
Unit 2	3.41	19.38	155	130
Unit 3	3.32	22.40	160	103
Unit 4	0.00	0.00	0	0
Unit 5	9.24	54.97	475	352
Total	15.97	107.73		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	1.10	1.80	82	0
Unit 5	0.00	2.11	0	0
Total	1.10	12.10		
Uran				
All Units	9.37	56.65	402	378
Total	9.37	56.65		
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	1.04	11.60	50	40
Stage 4	0.00	1.24	0	0
Stage 3	2.36	17.37	160	0
Total	3.40	30.21		
Hydro				
KDPH	0.77	5.01	32	32
VTRNA	0.00	0.00	0	0
TILLARI	1.40	7.80	60	20
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	3.09	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	3.24	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	3.11	20	19
GHATGHAR	0.30	2.21	125	0
Total	3.72	24.46		
Wind				
Total	64.20	433.28	0	0
Total	64.20	433.28		
CPP				
APML(Mus)	49.18	404.14	0	0
JSWEL(Mus)	22.18	161.37	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)	2.55	16.90	0	0
Total	73.91	582.40		
SOLAR				
Total	2.64	20.21	0	0
Total	2.64	20.21		
Tata				
Trombay 5	7.23	51.67	337	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.38	15.18	116	63
Trombay 7B	1.47	9.72	67	50
Trombay 8	4.70	31.59	198	190
TATA Hydro	5.77	36.03	402	75
Total	21.54	144.20		
AEML				
DTPS U-1&2	9.75	67.29	500	371
Total	9.75	67.29		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	84.19	488.41
MSPGCL Thml+Gas	93.56	545.06
MSPGCL Hydro	7.12	54.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	100.68	599.73
Koyna 1,2 & 4 Total	1.04	12.84
State Total	272.72	1847.11

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Aug/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3207	185	392	3784	2807	2973	0	0	3082	3334	-965	11933	0	11933	2028	13961	50.05
2	3297	167	391	3855	2724	2857	0	0	2999	3145	-843	11738	0	11738	1883	13621	50.05
3	3321	167	392	3880	2699	2890	0	0	3139	3073	-742	11800	0	11800	1783	13583	50.06
4	3298	167	382	3847	2664	2877	0	0	3048	2871	-679	11580	0	11580	1717	13297	50.01
5	3320	177	394	3891	2696	2878	0	0	3466	3228	-682	12011	0	12011	1722	13733	49.98
6	3429	213	402	4044	2683	2999	0	2	4046	4191	-816	13103	0	13103	1850	14953	50.01
7	3612	319	393	4324	2212	3545	0	10	4591	4907	-978	14020	0	14020	2017	16037	49.98
8	3660	326	382	4368	2437	3550	0	80	5126	4953	-1155	14233	0	14233	2236	16469	50.01
9	3762	366	392	4520	2332	3571	0	185	4997	5011	-1269	14350	0	14350	2564	16914	50.04
10	3670	340	402	4412	2585	3416	0	287	4867	4877	-1446	14131	0	14131	2856	16987	50.05
11	3488	350	380	4218	2651	3022	0	328	4891	4813	-1503	13529	0	13529	3022	16551	50.05
12	3554	345	392	4291	2574	2925	0	369	4436	4565	-1587	13137	0	13137	3107	16244	50.02
13	3611	340	378	4329	2731	2842	0	377	4155	3910	-1519	12670	0	12670	3055	15725	50.02
14	3641	345	401	4387	2766	2812	0	351	3585	3355	-1394	12277	0	12277	2933	15210	50.03
15	3658	342	389	4389	2932	2805	0	254	3561	3489	-1456	12413	0	12413	2936	15349	50.02
16	3649	344	379	4372	2878	2764	0	212	3599	3439	-1465	12200	0	12200	2920	15120	49.96
17	3545	361	402	4308	2812	2761	0	126	3713	3943	-1457	12493	0	12493	2898	15391	50.04
18	3491	377	389	4257	2840	2784	0	58	4272	4272	-1471	12740	0	12740	2850	15590	49.98
19	3558	464	383	4405	2781	3275	0	3	4481	4207	-1429	13242	0	13242	2791	16033	49.99
20	3637	430	392	4459	2788	3546	0	0	4596	4398	-1239	13952	0	13952	2727	16679	50.01
21	3572	255	399	4226	2719	3512	0	0	4484	3957	-1156	13258	0	13258	2625	15883	49.98
22	3431	245	381	4057	2651	3146	0	0	4207	4185	-1068	12971	0	12971	2510	15481	50.01
23	3395	250	392	4037	2476	3086	0	0	3770	3924	-1021	12502	0	12502	2398	14900	50.04
24	3384	245	393	4022	2763	3074	0	0	3187	3182	-1039	12002	0	12002	2241	14243	50.05
MUs	84.19	7.12	9.37	100.68	64.20	73.91	0.00	2.64	96.30	95.23	-28.38	308.29	0.00	308.29	59.67	367.95	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 07/Aug/2019

Position as on 6.30 Hrs of 08/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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 07/Aug/2019

Position as on 6.30 Hrs of 08/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	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	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
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 07/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 08/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
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
Girwali-Solapur (Lamboti)	IntraState	07/08/2019	09.34	07/08/2019	17.58	PO	Testing Work
Taptitanda Waluj	IntraState	07/08/2019	12.43	07/08/2019	18.22	PO	Investigation Of Recent Tripping of failure of NR Relay
Padghe - Nagothane - II	IntraState	07/08/2019	15.40	07/08/2019	18.55	HT	Attending Hot Spot
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.
Tillari Amona	InterState	05/08/2019	07.41		Continued.	PO	Under Break Down.
Mahalakshmi Amona	InterState	07/08/2019	19.07	07/08/2019	20.36	T	Tripped from Amona End
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
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)
Adlabs - Pedambe	IntraState	07/08/2019	00.03	07/08/2019	01.40	T	Bus Bar Protection Operated
Pedhambe - Oni	IntraState	07/08/2019	00.03	07/08/2019	02.17	T	Bus Bar Protection Operated
Mahad - Pedambe	IntraState	07/08/2019	00.03	07/08/2019	01.20	T	Bus Bar Protection Operated
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
Boisar II - Boisar PG I	IntraState	07/08/2019	07.35	07/08/2019	13.53	EO	Attending Hot Spot
Pusad-Ghatodi	IntraState	07/08/2019	09.11	07/08/2019	11.20	PO	Attending Oil Leakages of ICT
Chalisingaon - Deepnagar	IntraState	07/08/2019	09.19	07/08/2019	17.22	PO	Replacement of Bimetallic CT Clamp
Boisar Versova Line	IntraState	07/08/2019	09.56	07/08/2019	14.00	PO	Control line loading of boisar pg
Paras-Balapur li	IntraState	07/08/2019	10.30	08/08/2019	00.40	PO	Making Lilo Arrengment for 220kv Malkapur S/S
Paras-Balapur Iv	IntraState	07/08/2019	10.30	07/08/2019	19.50	PO	Making Lilo Arrengment for 220kv Malkapur S/S
Kandalgaon - Sona Alloys	IntraState	07/08/2019	10.30	07/08/2019	16.32	PO	Insulator Replacement work
Parli New Tps - Beed Ckt 1	IntraState	07/08/2019	10.30	07/08/2019	12.45	PO	Quarterly Maintenance Work
BHALVANI VARKUTI MALWADI	IntraState	07/08/2019	11.42	07/08/2019	16.12	PO	Quarterly Maintainance Work
Halkarni-Mahalaxmi line	IntraState	07/08/2019	19.07	07/08/2019	20.20	T	Distance Protection
Niwali - Pawas Line	IntraState	07/08/2019	19.20		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100mva Ict @Bale (Solapur 2)	IntraState	07/08/2019	10.00	07/08/2019	11.55	PO	Quarterly Maintainance Work

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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 08/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	07/08/2019	12.45	07/08/2019	13.45	PO	Quarterly Maintenance Work
220/100 Kv 200MVA ICT-I @Padghe	IntraState	07/08/2019	16.58	07/08/2019	21.16	PO	OIL TOP UP WORK