

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Aug/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	80.728	569.137	1) Gujrat	-3.283	-13.772
2) Hydro	7.674	62.348	2) Madhya Pradesh	6.508	69.570
3) Gas	9.310	65.957	3) Chattisgarh	3.060	23.000
Total MSPGCL	97.712	697.442	4) Maharashtra	87.432	687.279
B) 1) APLM	48.543	452.679	5) Goa (Amona)	-0.550	-5.346
2) JSWEL	21.689	183.058	Total	93.167	760.731
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.312	166.022
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.712	212.412
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.114	89.149
6) Other IPP	2.544	19.440	Include PX	-1.168	-27.808
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.312	166.022
C) 1) TPCL Thermal	12.181	95.441	Include PX	2.514	28.011
2) TPCL Hydro	5.442	41.471	Standby	0.000	0.000
3) TPCL Gas	3.730	28.639	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.284	76.575	1) MSEDCL	305.638	2426.120
D) STATE			2) Mumbai Discoms	60.349	454.537
1) Thermal	174.969	1396.330	TOTAL STATE	365.987	2880.657
(A1+C1+C4+(B1-B6))					
2) Hydro	13.116	103.819			
(A2+C2)					
3) Gas	13.040	94.596			
(A3+B7+C3)					
4) Wind	69.826	503.105			
6) SOLAR	1.869	22.077			
TOTAL STATE	272.820	2119.927			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3541	3389	3314	3393
MSPGCL Hydro	324	283	438	275
MSPGCL Gas	390	380	369	381
MSPGCL Total Generation	4255	4052	4121	4049
Central Sector Receipt	4903	4178	4264	2554
WIND	2863	2964	3051	2862
CPP / IPP Thermal	3301	2882	3453	2799
CPP / IPP Gas	0	0	0	0
SOLAR	187	55	0	0
Exchange with Mumbai	-1565	-1447	-1060	-755
MSEDCL DEMAND MET	13944	12684	13829	11509
Load Shedding	0	0	0	0
MSEDCL DEMAND	13944	12684	13829	11509
TPCL GENERATION	971	1020	1212	665
AEML GENERATION	375	374	497	373
MUMBAI DEMAND	2911	2841	2769	1793
STATE DEMAND MET	16855	15525	16598	13302
STATE DEMAND	16855	15525	16598	13302
Frequency (Hz)	50.03	49.97	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.02 Hrs	49.68 Hz at 22.14 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 08/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	7.31	14.94	360	249
Total	7.31	14.94		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.57	71.66	455	330
Unit 5	7.56	70.46	360	265
Total	16.13	142.12		
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	2.42	14.50	120	30
Unit 4	2.21	17.38	112	52
Unit 5	6.53	40.33	300	220
Unit 6	6.08	50.12	365	0
Unit 7	0.00	0.00	0	0
Unit 8	5.60	48.47	260	180
Unit 9	5.57	50.54	260	205
Total	28.40	221.34		
Paras				
Unit 3	4.72	26.88	251	130
Unit 4	4.62	24.47	240	125
Total	9.34	51.36		
Khaparkheda				
Unit 1	1.52	12.50	105	0
Unit 2	3.27	22.66	150	100
Unit 3	3.22	25.62	142	127
Unit 4	0.00	0.00	0	0
Unit 5	9.28	64.25	450	360
Total	17.29	125.02		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	2.26	4.06	130	68
Unit 5	0.00	2.11	0	0
Total	2.26	14.36		
Uran				
All Units	9.31	65.96	402	369
Total	9.31	65.96		
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	1.50	13.10	125	40
Stage 4	0.00	1.24	0	0
Stage 3	1.78	19.16	158	0
Total	3.28	33.49		
Hydro				
KDPH	0.70	5.71	32	0
VTRNA	0.00	0.00	0	0
TILLARI	1.44	9.24	60	60
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	3.53	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	3.58	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.14	4.25	48	47
GHATGHAR	0.33	2.54	125	0
Total	4.40	28.86		
Wind				
Total	69.83	503.10	0	0
Total	69.83	503.10		
CPP				
APML(Mus)	48.54	452.68	0	0
JSWEL(Mus)	21.69	183.06	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)	2.54	19.44	0	0
Total	72.78	655.18		
SOLAR				
Total	1.87	22.08	0	0
Total	1.87	22.08		
Tata				
Trombay 5	7.38	59.05	434	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	17.47	116	60
Trombay 7B	1.45	11.17	67	49
Trombay 8	4.80	36.39	232	193
TATA Hydro	5.44	41.47	393	81
Total	21.35	165.55		
AEML				
DTPS U-1&2	9.28	76.58	497	371
Total	9.28	76.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	80.73	569.14	MSPGCL Total	97.71	697.44
			MSPGCL Thml+Gas	90.04	635.09	Koyna 1,2 & 4 Total	1.50	14.34
			MSPGCL Hydro	7.67	62.35	State Total	272.82	2119.93

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/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	3446	275	381	4102	2933	2840	0	0	3192	3158	-1035	11998	0	11998	2086	14084	50.03
2	3440	275	401	4116	2810	2827	0	0	3112	2985	-907	11831	0	11831	1946	13777	50.06
3	3426	285	390	4101	2776	2809	0	0	2771	2830	-800	11716	0	11716	1842	13558	50.01
4	3393	275	381	4049	2862	2799	0	0	2698	2554	-755	11509	0	11509	1793	13302	50.03
5	3406	275	390	4071	2745	2825	0	0	3064	2827	-752	11716	0	11716	1789	13505	50.02
6	3450	295	402	4147	2777	2870	0	0	3552	3902	-866	12830	0	12830	1904	14734	50.00
7	3531	381	380	4292	2842	3235	0	13	4263	4211	-988	13605	0	13605	2078	15683	49.94
8	3580	352	390	4322	2882	3324	0	57	4778	4686	-1144	14127	0	14127	2301	16428	50.03
9	3548	392	391	4331	2959	3312	0	127	4702	4760	-1433	14056	0	14056	2614	16670	49.99
10	3541	324	390	4255	2863	3301	0	187	4804	4903	-1565	13944	0	13944	2911	16855	50.03
11	3384	324	390	4098	2909	3125	0	235	4931	4883	-1693	13557	0	13557	3092	16649	50.02
12	3365	250	390	4005	2814	2960	0	245	4923	4742	-1718	13048	0	13048	3132	16180	50.03
13	3353	279	389	4021	2916	2820	0	233	4521	3972	-1675	12287	0	12287	3047	15334	50.09
14	3432	299	390	4121	2985	2795	0	244	3526	3607	-1534	12218	0	12218	2909	15127	50.04
15	3408	315	377	4100	2990	2786	0	215	3609	3394	-1512	11973	0	11973	2909	14882	49.92
16	3367	338	390	4095	2824	2804	0	160	3838	3708	-1469	12122	0	12122	2903	15025	50.03
17	3385	323	398	4106	3031	2816	0	92	3943	3811	-1467	12389	0	12389	2872	15261	49.97
18	3389	283	380	4052	2964	2882	0	55	4073	4178	-1447	12684	0	12684	2841	15525	49.97
19	3306	381	387	4074	3090	3190	0	6	4455	4366	-1346	13380	0	13380	2800	16180	49.91
20	3314	438	369	4121	3051	3453	0	0	4528	4264	-1060	13829	0	13829	2769	16598	49.92
21	3065	413	398	3876	2994	3495	0	0	4419	4257	-1003	13619	0	13619	2651	16270	49.87
22	3061	303	388	3752	2964	3375	0	0	4116	4169	-1089	13171	0	13171	2502	15673	49.89
23	3104	311	378	3793	2914	3114	0	0	3829	3848	-1263	12406	0	12406	2388	14794	49.88
24	3034	288	390	3712	2931	3019	0	0	3441	3152	-1191	11623	0	11623	2270	13893	49.95
MUs	80.73	7.67	9.31	97.71	69.83	72.78	0.00	1.87	95.09	93.17	-29.71	305.64	0.00	305.64	60.35	365.99	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 08/Aug/2019

Position as on 6.30 Hrs of 09/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	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.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet,Sticky & Poor Quality	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Aug/2019

Position as on 6.30 Hrs of 09/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							coal	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Due to PA fan tripping on DC voltage failure.	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Khaparkheda Unit 1	210	06/08/2019	10.45	08/08/2019	06.46	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	08/08/2019	17.54	08/08/2019	21.00	Furnace Pressure High	
MSPGCL	Koyana Unit 4	70	08/08/2019	22.35	09/08/2019	02.40	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Koyana Unit 2	70	08/08/2019	22.40	09/08/2019	02.25	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Koyana Unit 3	70	08/08/2019	22.40	09/08/2019	02.35	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Koyana Unit 1	70	08/08/2019	22.45	09/08/2019	02.20	Main Bus to Main Bus Isolator Jumper work	
MSPGCL	Uran Unit A0	120	09/08/2019	02.09		Continued.	Tripped due to 200KV Breaker problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 09/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	08/08/2019	21.50	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
Lonikand I - Koyna stage-IV	IntraState	08/08/2019	03.45	08/08/2019	08.35	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/08/2019	04.31		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.
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)
Pedambe-Pophali	IntraState	06/08/2019	12.35	08/08/2019	22.15	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)
Paras-Balapur li	IntraState	07/08/2019	10.30	08/08/2019	00.40	PO	Making Lilo Arrengment for 220kv Malkapur S/S
Niwali - Pawas Line	IntraState	07/08/2019	19.20	08/08/2019	14.52	T	Distance Protection
Vankuswadi- Ajinkyatara	IntraState	08/08/2019	09.30		Continued.	T	Tripped on PDR
Osmanabad - Barshi	IntraState	08/08/2019	09.32	08/08/2019	11.32	PO	Testing Work
Pedambe-Nerle	IntraState	08/08/2019	11.07	08/08/2019	12.17	T	Distance Protection
Paranda-Barshi	IntraState	08/08/2019	11.38	08/08/2019	13.15	PO	Testing Work
Nanded-Ghatodi	IntraState	08/08/2019	12.07	08/08/2019	18.50	PO	Control Cable REPL work
PAL DOMBIVALI - PALAVA	IntraState	08/08/2019	16.01	08/08/2019	16.10	HT	SCADA work
Kandalgaon - Koyna (Pophali)	IntraState	08/08/2019	18.10	09/08/2019	02.05	HT	B phase Jumper Broken at Pophali end
Nerle - Dasgaon	IntraState	08/08/2019	18.26	08/08/2019	20.21	HT	To control Load of 220KV Pophali -New koyna Line
Main Bus Section-I @ Pophali	IntraState	08/08/2019	22.50	09/08/2019	02.05	EO	Main Bus to Main Bus Isolator Jumper work
Vankuswade - Kdph	IntraState	08/08/2019	22.50	09/08/2019	03.00	EO	Main Bus to Main Bus Isolator Jumper work
Kharepatan -Pawas Line	IntraState	09/08/2019	01.26	09/08/2019	01.59	T	Distance Protection
Oni Kharepatan Line	IntraState	09/08/2019	01.26		Continued.	T	B Phase LA Burst at Kharepatan end
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	08/08/2019	10.01	08/08/2019	17.50	PO	Tan Delta Measurment of CTs

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