

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.890	1487.529	1) Gujrat	-1.003	-12.139
2) Hydro	5.090	74.442	2) Madhya Pradesh	6.670	119.204
3) Gas	5.883	75.885	3) Chattisgarh	4.310	64.860
Total MSPGCL	122.863	1637.856	4) Maharashtra Net	109.259	1357.645
B) 1) APML	54.917	716.254	5) Goa (Amona)	-0.770	-9.438
2) JSWEL	11.532	216.442	Total	118.466	1520.132
3) VIPL	5.129	69.561	a) Mumbai Schedule	23.609	298.591
4) RPL(AMT)	26.725	339.881	b) Mumbai Drawl	26.719	361.365
5) WPCL	4.638	53.939	c) MSEDCL Bilateral *	18.392	240.996
6) PGPL	0.000	0.000	Include PX	-0.372	3.412
7) Other IPP	3.244	45.389	d) Mumbai Bilateral *	23.609	298.591
C) 1) TPCL Thermal	13.404	176.340	Include PX	7.759	101.620
2) TPCL Hydro	5.310	56.429	Include Standby	0.000	0.000
3) TPCL Gas	3.925	45.587	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.411	123.945	1) MSEDCL	376.928	4961.055
D) STATE			2) Mumbai Discoms	58.770	763.668
1) Thermal	240.890	3229.280	TOTAL STATE	435.698	5724.723
(A1+C1+C4+(B1-B6))					
2) Hydro	10.400	130.871			
(A2+C2)					
3) Gas	9.808	121.472			
(A3+B6+C3)					
4) Wind	52.471	672.584			
6) SOLAR	3.662	50.382			
TOTAL STATE	317.231	4204.589			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4712	4754	4772	4416
MSPGCL Hydro	227	266	364	117
MSPGCL Gas	238	252	240	242
MSPGCL Total Generation	5177	5272	5376	4775
Central Sector Receipt	5729	5772	5038	3938
WIND	2269	2315	2277	2016
CPP / IPP Thermal	4557	4612	4551	4114
CPP / IPP Gas	0	0	0	0
SOLAR	550	433	19	0
Exchange with Mumbai	-1564	-1492	-1277	-687
MSEDCL DEMAND MET	16718	16912	15984	14156
Load Shedding	0	0	0	0
MSEDCL DEMAND	16718	16912	15984	14156
TPCL GENERATION	1097	1100	1096	627
R-INFRA GENERATION	375	376	375	376
MUMBAI DEMAND	3036	2968	2748	1690
STATE DEMAND MET	19754	19880	18732	15846
STATE DEMAND	19754	19880	18732	15846
Frequency (Hz)	50.01	50.03	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.13 Hrs	49.72 Hz at 19.28 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 13/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.92	0	0
Unit 8	8.15	115.57	431	268
Unit 9	10.03	121.48	485	350
Unit 10	0.00	0.00	0	0
Total	18.17	240.97		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	10.44	121.69	495	350
Total	10.44	206.94		
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	5.14	66.52	248	176
Unit 8	5.43	69.38	243	186
Total	10.57	135.90		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.53	38.90	180	102
Unit 5	7.77	123.21	359	278
Unit 6	0.00	85.09	0	0
Unit 7	7.28	126.47	360	243
Unit 8	9.38	105.90	440	329
Unit 9	9.58	51.73	420	358
Total	37.54	531.30		
Paras				
Unit 3	5.56	65.89	250	190
Unit 4	5.27	65.37	230	197
Total	10.83	131.26		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	3.42	45.42	160	120
Unit 3	3.76	18.60	165	144
Unit 4	3.74	48.39	168	140
Unit 5	9.41	43.21	420	360
Total	20.33	188.99		
Nasik				
Unit 3	4.00	25.25	189	157
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	4.00	52.16		
Uran				
All Units	5.88	75.88	259	238
Total	5.88	75.88		
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)	0.13	0.65	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	0.65		
Koyna				
Stage 1-2	1.20	21.77	165	35
Stage 4	0.00	7.17	0	0
Stage 3	0.75	11.49	116	0
Total	1.95	40.44		
Hydro				
KDPH	0.86	7.30	36	36
VTRNA	0.34	1.40	60	0
TILLARI	0.75	9.06	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	5.32	80	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	4.39	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	6.23	27	15
GHATGHAR	0.00	0.00	0	0
Total	3.14	34.01		
Wind				
Total	52.47	672.58	0	0
Total	52.47	672.58		
CPP				
APML(Mus)	54.92	716.25	0	0
JSWEL(Mus)	11.53	216.44	0	0
VIPL(Mus)	5.13	69.56	0	0
RPLAMT(Mus)	26.72	339.88	0	0
WPCL(Mus)	4.64	53.94	0	0
Other(Mus)	3.24	45.39	0	0
Total	106.18	1441.47		
SOLAR				
Total	3.66	50.38	0	0
Total	3.66	50.38		
Tata				
Trombay 5	8.17	108.04	475	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	28.60	117	64
Trombay 7B	1.50	16.98	68	51
Trombay 8	5.24	68.30	232	213
TATA Hydro	5.31	56.43	390	2
Total	22.64	278.36		
R-INFRA				
DTPS U-1&2	9.41	123.94	481	375
Total	9.41	123.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	111.89	1487.53	MSPGCL Total	122.86	1637.86
			MSPGCL Thml+Gas	117.77	1563.41	Koyna 1,2 & 4 Total	1.20	28.94
			MSPGCL Hydro	5.09	74.44	State Total	317.23	4204.59

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Aug/2018

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	4507	112	241	4860	1903	4255	0	0	4338	4280	-936	14362	0	14362	1988	16350	50.01
2	4474	107	240	4821	1894	4194	0	0	4079	4058	-817	14150	0	14150	1840	15990	50.03
3	4482	107	252	4841	1990	4189	0	0	4025	3880	-731	14169	0	14169	1746	15915	50.03
4	4416	117	242	4775	2016	4114	0	0	4025	3938	-687	14156	0	14156	1690	15846	50.02
5	4405	117	251	4773	2073	4039	0	0	4252	4242	-699	14428	0	14428	1704	16132	50.01
6	4629	107	251	4987	1980	4228	0	0	4823	5006	-811	15390	0	15390	1816	17206	49.98
7	4803	167	241	5211	1999	4628	0	16	5812	5703	-924	16633	0	16633	2012	18645	49.97
8	4785	197	252	5234	1978	4643	0	101	6067	5898	-903	16951	0	16951	2228	19179	50.03
9	4815	266	241	5322	2245	4632	0	270	5843	5249	-1084	16634	0	16634	2537	19171	50.04
10	4788	298	251	5337	2267	4628	0	386	5586	5314	-1172	16761	0	16761	2832	19593	50.05
11	4749	221	241	5211	2288	4651	0	403	5683	5366	-1424	16495	0	16495	3018	19513	50.04
12	4712	227	238	5177	2269	4557	0	550	5703	5729	-1564	16718	0	16718	3036	19754	50.01
13	4754	266	252	5272	2315	4612	0	433	5680	5772	-1492	16912	0	16912	2968	19880	50.03
14	4775	179	240	5194	2475	4373	0	500	5593	5388	-1401	16530	0	16530	2840	19370	50.03
15	4696	320	239	5255	2436	4448	0	406	5390	5530	-1370	16705	0	16705	2851	19556	49.88
16	4744	246	259	5249	2400	4588	0	300	5590	5533	-1386	16684	0	16684	2864	19548	49.97
17	4769	240	239	5248	2286	4341	0	173	5571	5387	-1373	16062	0	16062	2847	18909	49.95
18	4750	240	248	5238	2137	4259	0	105	5345	5572	-1336	15975	0	15975	2805	18780	50.02
19	4772	364	240	5376	2277	4551	0	19	5017	5038	-1277	15984	0	15984	2748	18732	49.97
20	4744	426	238	5408	2230	4777	0	0	4894	4629	-1155	15889	0	15889	2732	18621	49.85
21	4672	224	251	5147	2279	4578	0	0	4695	4470	-1052	15422	0	15422	2641	18063	49.94
22	4648	164	248	5060	2202	4328	0	0	4780	4263	-1020	14833	0	14833	2481	17314	49.91
23	4496	209	240	4945	2238	4302	0	0	4333	4331	-1057	14759	0	14759	2339	17098	49.88
24	4505	169	248	4922	2294	4266	0	0	4107	3892	-1048	14326	0	14326	2206	16532	49.90
MUs	111.89	5.09	5.88	122.86	52.47	106.19	0.00	3.66	121.23	118.47	-26.72	376.93	0.00	376.93	58.77	435.70	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 13/Aug/2018

Position as on 6.30 Hrs of 14/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	Bucchholz relay operated And Declare Fail.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	due to low pressure.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	compressor search protection	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Koyna STG-IV Unit-2	250	07/08/2018	09.00		Continued.	replacement of Valve.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 14/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Ektuni	IntraState	13/08/2018	11.39	13/08/2018	19.04	PO	Diagnostic Testing Work.
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 I	InterState	09/08/2018	18.33		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	07/08/2018	20.36	13/08/2018	09.51	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	12/08/2018	06.23	13/08/2018	06.18	T	Distance Protection
Lonikand 1 -Jejuri	IntraState	13/08/2018	03.32	13/08/2018	10.56	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	13/08/2018	09.10		Continued.	PO	Faulty Disc Insulator Replacement.(RFC.20:54hrs.)
Solapur - Parli(PG) I	IntraState	13/08/2018	14.18		Continued.	T	Distance Protection
Girwali - Lonikand 1	IntraState	13/08/2018	17.48	13/08/2018	19.25	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	13/08/2018	19.59		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/08/2018	21.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	13/08/2018	09.14	13/08/2018	19.44	PO	Routine Maintenance Work
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	13/08/2018	09.53	13/08/2018	18.07	PO	ICT Painting.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	13/08/2018	11.10	13/08/2018	15.24	PO	Attend Oil Leakage On R PH. And B PH ICT.
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.
Badnera - Deoli (PG)	InterState	13/08/2018	08.56	13/08/2018	18.14	PO	Routine Maintenance Work
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Line Maintenance work
Ranjangaon-Lonikand	IntraState	13/08/2018	02.39	13/08/2018	11.44	T	Distance Protection
Malegaon-Satana	IntraState	13/08/2018	06.10	13/08/2018	11.03	T	Distance Protection
Butibori - Wardha	IntraState	13/08/2018	07.51	13/08/2018	09.13	HT	Crane Movement To Remove LPG Truck.
Butibori - Purti	IntraState	13/08/2018	07.52	13/08/2018	09.14	HT	Crane Movement To Remove LPG Truck.
Walchandnagar-Bhigwan	IntraState	13/08/2018	09.13	13/08/2018	14.45	T	Over Current Protection
Deepnagar Khadaka 2	IntraState	13/08/2018	09.35	13/08/2018	12.35	PO	Jumper Tightening And Diagnostic Testing Work.
Karad(400kv) - Wathar	IntraState	13/08/2018	10.25	13/08/2018	14.12	PO	String Replacement Work.
Abhijeet-Wardha-I	IntraState	13/08/2018	11.07	13/08/2018	17.31	PO	Tan Delta Measurment of CTs

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 13/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 14/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshwar -Bhenda	IntraState	13/08/2018	12.27	13/08/2018	17.21	EO	Attending Hot Spot
Khadka-Chalisgaon-2	IntraState	13/08/2018	12.42	13/08/2018	17.40	PO	Diagnostic Testing Work.
Kathapur-Ranjangaon	IntraState	13/08/2018	18.10	13/08/2018	21.30	EO	Attend String Replacement (LOC 323 & 326).
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/33kV 125 MVA Transformer 5 @Versova R/S	IntraState	13/08/2018	14.35	13/08/2018	16.12	PO	Attend CB String Mechanical Problem.
132 KV LINE Outages/Trippings							
Ahamadnagar - Ashti	IntraState	13/08/2018	03.22	13/08/2018	16.55	T	Distance Protection
Partur-Bageshwari	IntraState	13/08/2018	03.45	13/08/2018	07.55	T	BPH PT Burst At Bageshwari End.
Kanhan-Bhandara	IntraState	13/08/2018	14.02	13/08/2018	14.22	T	Distance Protection

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