

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Aug/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.595	541.026	1) Gujrat	0.218	-0.178
2) Hydro	4.589	30.416	2) Madhya Pradesh	9.305	51.547
3) Gas	5.824	29.016	3) Chattisgarh	4.960	24.670
Total MSPGCL	126.008	600.458	4) Maharashtra Net	98.013	513.751
B) 1) APML	52.522	283.528	5) Goa (Amona)	-0.704	-4.136
2) JSWEL	18.941	95.876	Total	111.792	585.654
3) VIPL	5.054	25.267	a) Mumbai Schedule	21.148	122.403
4) RPL(AMT)	25.326	131.749	b) Mumbai Drawl	24.295	143.417
5) WPCL	4.148	22.911	c) MSEDCL Bilateral *	19.884	101.585
6) PGPL	0.000	0.000	Include PX	0.419	2.793
7) Other IPP	3.675	18.246	d) Mumbai Bilateral *	21.148	122.403
C) 1) TPCL Thermal	12.495	68.670	Include PX	5.289	45.256
2) TPCL Hydro	0.943	21.201	Include Standby	0.000	0.000
3) TPCL Gas	3.797	13.363	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.197	48.760	1) MSEDCL	379.364	1894.242
D) STATE			2) Mumbai Discoms	50.725	295.410
1) Thermal	246.953	1236.033	TOTAL STATE	430.089	2189.652
(A1+C1+C4+(B1-B6))					
2) Hydro	5.532	51.617			
(A2+C2)					
3) Gas	9.621	42.379			
(A3+B6+C3)					
4) Wind	51.670	252.154			
6) SOLAR	4.523	21.816			
TOTAL STATE	318.299	1603.999			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4900	4865	4982	4439
MSPGCL Hydro	202	297	296	69
MSPGCL Gas	256	238	249	240
MSPGCL Total Generation	5358	5400	5527	4748
Central Sector Receipt	5280	4902	4498	3841
WIND	2458	2783	1640	2423
CPP / IPP Thermal	4528	4460	4719	4414
CPP / IPP Gas	0	0	0	0
SOLAR	567	582	0	0
Exchange with Mumbai	-1225	-1236	-886	-813
MSEDCL DEMAND MET	16966	16891	15498	14613
Load Shedding	0	0	0	0
MSEDCL DEMAND	16966	16891	15498	14613
TPCL GENERATION	715	691	1069	609
R-INFRA GENERATION	373	374	375	376
MUMBAI DEMAND	2313	2301	2330	1798
STATE DEMAND MET	19279	19192	17828	16411
STATE DEMAND	19279	19192	17828	16411
Frequency (Hz)	49.98	50.06	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13:03 Hrs	49.8 Hz at 04:57 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 05/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	7.74	42.10	369	289
Unit 9	8.35	44.16	407	301
Unit 10	0.00	0.00	0	0
Total	16.09	90.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.40	49.58	475	350
Unit 5	9.44	49.60	490	350
Total	18.84	99.19		
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	4.96	24.99	241	187
Unit 8	5.32	26.55	231	194
Total	10.27	51.53		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.22	6.91	185	166
Unit 5	9.85	48.84	430	370
Unit 6	10.42	32.72	468	360
Unit 7	10.30	50.97	448	360
Unit 8	10.56	24.78	457	385
Unit 9	0.00	0.00	0	0
Total	45.35	164.23		
Paras				
Unit 3	4.78	25.87	236	170
Unit 4	5.02	24.94	250	175
Total	9.81	50.81		
Khaparkheda				
Unit 1	3.34	15.90	150	120
Unit 2	4.04	17.98	180	150
Unit 3	0.00	11.40	0	0
Unit 4	3.87	19.49	165	160
Unit 5	0.00	0.00	0	0
Total	11.24	64.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.00	20.30	181	160
Unit 5	0.00	0.00	0	0
Total	4.00	20.30		
Uran				
All Units	5.82	29.02	258	235
Total	5.82	29.02		
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	0.52	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.52		
Koyna				
Stage 1-2	1.32	9.21	135	40
Stage 4	0.00	4.66	0	0
Stage 3	1.21	5.59	160	0
Total	2.52	19.47		
Hydro				
KDPH	0.25	0.58	18	0
VTRNA	0.00	0.23	0	0
TILLARI	0.76	3.18	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	2.03	50	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	1.67	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	2.94	26	14
GHATGHAR	0.00	0.00	0	0
Total	2.07	10.95		
Wind				
Total	51.67	252.15	0	0
Total	51.67	252.15		
CPP				
APML(Mus)	52.52	283.53	0	0
JSWEL(Mus)	18.94	95.88	0	0
VIPL(Mus)	5.05	25.27	0	0
RPLAMT(Mus)	25.33	131.75	0	0
WPCL(Mus)	4.15	22.91	0	0
Other(Mus)	3.68	18.25	0	0
Total	109.67	577.58		
SOLAR				
Total	4.52	21.82	0	0
Total	4.52	21.82		
Tata				
Trombay 5	7.48	42.45	445	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	8.59	116	60
Trombay 7B	1.47	4.77	67	49
Trombay 8	5.02	26.22	230	199
TATA Hydro	0.94	21.20	351	0
Total	17.24	103.23		
R-INFRA				
DTPS U-1&2	9.20	48.76	483	373
Total	9.20	48.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.60	541.03	MSPGCL Total	126.01	600.46
			MSPGCL Thml+Gas	121.42	570.04	Koyna 1,2 & 4 Total	1.32	13.88
			MSPGCL Hydro	4.59	30.42	State Total	318.30	1604.00

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	4824	74	239	5137	2060	4561	0	0	4254	3920	-1043	14635	0	14635	2103	16738	49.91
2	4786	74	240	5100	2263	4513	0	0	4061	3923	-942	14857	0	14857	1962	16819	49.99
3	4731	69	248	5048	2306	4486	0	0	3994	3710	-872	14678	0	14678	1864	16542	49.99
4	4439	69	240	4748	2423	4414	0	0	3967	3841	-813	14613	0	14613	1798	16411	49.98
5	4494	74	248	4816	2353	4309	0	0	4066	4004	-796	14686	0	14686	1783	16469	49.92
6	4806	208	249	5263	2074	4645	0	0	4264	4667	-849	15800	0	15800	1835	17635	49.94
7	4989	159	238	5386	1971	4860	0	25	5103	5436	-876	16802	0	16802	1868	18670	49.99
8	5042	154	239	5435	1759	4837	0	138	5287	5745	-932	16982	0	16982	1928	18910	49.98
9	5033	278	249	5560	1802	4823	0	262	4947	5459	-1019	16887	0	16887	2046	18933	50.00
10	5078	269	238	5585	1988	4850	0	451	4933	5011	-914	16971	0	16971	2193	19164	50.01
11	5048	255	237	5540	2257	4804	0	521	5009	4836	-993	16965	0	16965	2303	19268	49.99
12	4900	202	256	5358	2458	4528	0	567	4993	5280	-1225	16966	0	16966	2313	19279	49.98
13	4865	297	238	5400	2783	4460	0	582	4960	4902	-1236	16891	0	16891	2301	19192	50.06
14	4815	175	235	5225	2662	4477	0	541	4882	4926	-1176	16655	0	16655	2229	18884	50.04
15	4778	157	247	5182	2571	4479	0	539	4693	5046	-1137	16680	0	16680	2199	18879	50.00
16	4796	163	235	5194	2478	4490	0	405	4665	5007	-1094	16481	0	16481	2159	18640	49.98
17	4852	270	238	5360	2247	4488	0	299	4707	4908	-1061	16241	0	16241	2127	18368	50.00
18	4693	201	258	5152	2271	4397	0	160	4663	4424	-1058	15346	0	15346	2121	17467	50.02
19	4533	192	237	4962	2050	4247	0	33	4357	4675	-1069	14898	0	14898	2156	17054	49.97
20	4866	293	239	5398	1672	4740	0	0	4179	4490	-912	15388	0	15388	2271	17659	49.95
21	4982	296	249	5527	1640	4719	0	0	4070	4498	-886	15498	0	15498	2330	17828	49.95
22	4796	242	239	5277	1690	4548	0	0	4315	4426	-1061	14880	0	14880	2318	17198	49.96
23	4723	280	248	5251	1932	4484	0	0	4076	4397	-1164	14900	0	14900	2284	17184	49.97
24	4726	138	240	5104	1960	4501	0	0	3974	4261	-1167	14659	0	14659	2236	16895	50.02
MUs	115.60	4.59	5.82	126.01	51.67	109.67	0.00	4.52	108.42	111.79	-24.29	379.36	0.00	379.36	50.73	430.09	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 05/Aug/2018

Position as on 6.30 Hrs of 06/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	Khaparkheda Unit 5	500	20/06/2018	05.14	06/08/2018	06.10	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
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	Adani U-1	660	04/08/2018	00:00		Continued.	Annual 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 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	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.	
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	Nasik Unit 3	210	27/07/2018	09.06		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 06/Aug/2018

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 - 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 - I	IntraState	04/08/2018	17.18		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	05/08/2018	08.13	05/08/2018	19.04	PO	Replacement Fault Insulators Found In pid.
Khadka-Aurangabad (Waluj)	IntraState	05/08/2018	18.51		Continued.	HT	Over Voltage
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.
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.
Akola-Paras Ckt No-li	IntraState	05/07/2018	09.56		Continued.	PO	FOR REMOVING OF JUMPER AT LOC 314 FOR BUNCHING OF CONDUCTOR AT LOC 86.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Pophli Pedhmbe Line- 1	IntraState	05/08/2018	05.17		Continued.	T	Distance Protection
Mahad - Pedambe	IntraState	05/08/2018	05.17	05/08/2018	06.05	T	Tripped alongwith pophali Ckt.I on O/C
New Koyana - Pedambe	IntraState	05/08/2018	05.17	05/08/2018	06.06	T	Tripped alongwith pophali Ckt.I on O/C
Main Bus Section-I@ Pedambe	IntraState	05/08/2018	05.17	05/08/2018	06.02	T	Tripped alongwith pophali Ckt.I on O/C
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	05/08/2018	19.45	05/08/2018	19.54	PO	Disconnection Of Lis Scheme Lift Irrigation Scheme Takari.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.

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