

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Aug/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.487	495.906	1) Gujrat	2.613	29.110
2) Hydro	4.673	39.000	2) Madhya Pradesh	6.438	58.851
3) Gas	6.481	26.713	3) Chattisgarh	4.470	23.920
Total MSPGCL	105.641	561.619	4) Maharashtra Net	66.296	376.566
B) 1) APLM	40.990	219.150	5) Goa	-5.747	-29.105
2) JSWEL	25.072	129.661	6) TAPS 1&2 Injection	2.684	13.490
3) VIPL	4.615	29.069	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	8.660	72.139	8) Pench (MS)	0.091	0.546
5) WPCL	3.846	17.191	9) Pench (Excess)	0.000	-0.455
6) Other IPP	2.124	9.959	Total	76.754	472.377
C) 1) TPCL Thermal	15.085	82.608	a) Mumbai Schedule	22.959	116.193
2) TPCL Hydro	3.412	16.902	b) Mumbai Drawl	29.270	133.716
3) TPCL Gas	1.553	7.715	c) MSEDCL Bilateral *	30.921	141.910
4) R-INFRA Thermal	11.008	48.482	Include PX	3.098	10.676
D) STATE			d) Mumbai Bilateral *	22.959	116.193
1) Thermal	205.887	1104.165	Include PX	7.230	34.571
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.085	55.902	H) ENERGY CATERED (MUs)		
3) Gas	8.034	34.428	1) MSEDCL	284.736	1560.662
4) Wind	45.765	178.968	2) Mumbai Discoms	60.325	289.407
6) SOLAR	0.539	4.245	TOTAL STATE	345.061	1850.069
TOTAL STATE	268.310	1377.708			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3964	3936	3879	3966
MSPGCL Hydro	188	130	485	79
MSPGCL Gas	269	270	271	268
MSPGCL Total Generation	4421	4336	4635	4313
Central Sector Receipt	4310	3533	3827	1906
WIND	2014	1976	1735	1910
CPP / IPP	3507	3586	3604	3471
SOLAR	57	86	0	0
Exchange with Mumbai	-1543	-1474	-1220	-836
MSEDCL DEMAND MET	12766	12043	12581	10764
Load Shedding	42	42	37	42
MSEDCL DEMAND	12808	12085	12618	10806
TPCL GENERATION	1010	1033	1051	581
R-INFRA GENERATION	515	515	517	398
MUMBAI DEMAND	3068	3022	2788	1815
STATE DEMAND MET	15834	15065	15369	12579
STATE DEMAND	15876	15107	15406	12621
Frequency (Hz)	50.01	49.95	49.94	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 16.05 Hrs	49.74 Hz at 02.37 Hrs	49.97	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/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.49	16.94	151	140
Unit 6	0.00	0.00	0	0
Unit 7	3.80	18.06	165	147
Total	7.28	34.99		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.82	19.87	170	150
Unit 4	8.96	52.10	385	365
Unit 5	0.00	0.00	0	0
Total	12.77	71.97		
Parli				
Unit 3	0.00	0.00	0	0
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
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.38	17.20	145	134
Unit 3	4.01	18.01	180	151
Unit 4	3.99	19.64	185	140
Unit 5	9.02	47.42	380	369
Unit 6	8.62	42.70	375	325
Unit 7	8.75	45.13	385	340
Total	37.77	190.10		
Paras				
Unit 3	4.43	24.76	196	172
Unit 4	4.51	24.75	208	157
Total	8.94	49.51		
Khaparkheda				
Unit 1	3.26	18.27	160	90
Unit 2	3.48	17.58	155	125
Unit 3	4.02	14.96	180	145
Unit 4	4.00	21.37	178	144
Unit 5	0.00	11.36	0	0
Total	14.76	83.55		
Nasik				
Unit 3	4.41	20.79	190	175
Unit 4	4.26	22.69	189	170
Unit 5	4.29	22.30	182	174
Total	12.96	65.78		
Uran				
All Units	6.48	26.71	274	266
Total	6.48	26.71		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.09	0.55	23	0
Total	0.09	0.55		
Koyna				
Stage 1-2	1.60	15.73	405	35
Stage 4	0.40	7.68	338	0
Stage 3	1.27	7.92	160	0
Total	3.26	31.32		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.18	0.56	59	0
BHTGR/VEER	0.08	0.42	4	3
BHIRA T.R.	0.32	1.70	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.22	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.30	9	0
GHATGHAR	0.77	3.24	125	0
Total	1.41	7.68		
Wind				
Total	45.76	178.97	0	0
Total	45.76	178.97		
CPP				
APML(Mus)	40.99	219.15	0	0
JSWEL(Mus)	25.07	129.66	0	0
VIPL(Mus)	4.62	29.07	0	0
RPLAMT(Mus)	8.66	72.14	0	0
WPCL(Mus)	3.85	17.19	0	0
Other(Mus)	2.12	9.96	0	0
Total	85.31	477.17		
SOLAR				
Total	0.54	4.24	0	0
Total	0.54	4.24		
Tata				
Trombay 5	9.70	53.94	488	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	7.72	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.39	28.67	253	197
TATA Hydro	3.41	16.90	253	0
Total	20.05	107.22		
R-INFRA				
1-2	11.01	48.48	517	396
Total	11.01	48.48		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	94.49	495.91
MSPGCL Thml+Gas	100.97	522.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.67	39.00
MSPGCL Total	105.64	561.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.00	23.41
State Total	268.31	1377.71

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Aug/2015

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													
1	4020	123	268	4411	2130	3463	0	3292	2494	-1153	11345	59	11404	2132	13536	49.95
2	4035	123	268	4426	2048	3442	0	2597	1992	-981	10927	42	10969	1962	12931	49.93
3	4024	123	267	4414	1933	3427	0	2525	2052	-871	10955	42	10997	1867	12864	49.88
4	3966	79	268	4313	1910	3471	0	2540	1906	-836	10764	42	10806	1815	12621	49.96
5	3943	48	269	4260	1917	3465	0	2646	1998	-825	10815	42	10857	1801	12658	49.92
6	3953	103	268	4324	1810	3456	0	2768	2384	-887	11087	42	11129	1902	13031	49.90
7	4017	308	270	4595	1670	3595	2	3315	2880	-1035	11707	42	11749	2031	13780	49.96
8	3981	246	269	4496	1716	3727	12	4013	3586	-1223	12314	42	12356	2199	14555	49.96
9	3972	211	271	4454	1775	3879	22	4301	3620	-1168	12582	42	12624	2451	15075	49.99
10	3961	212	270	4443	1934	3748	36	4943	4050	-1338	12873	42	12915	2857	15772	49.99
11	3964	188	269	4421	2014	3507	57	4582	4310	-1543	12766	42	12808	3068	15876	50.01
12	3974	146	266	4386	2009	3559	90	4090	4240	-1528	12756	42	12798	3074	15872	49.98
13	3936	130	270	4336	1976	3586	86	4129	3533	-1474	12043	42	12085	3022	15107	49.95
14	3941	43	270	4254	2063	3525	87	3717	3402	-1360	11971	37	12008	2901	14909	49.99
15	3939	49	269	4257	1902	3539	48	3763	3274	-1363	11657	37	11694	2913	14607	49.95
16	3944	54	273	4271	1915	3594	55	4004	3584	-1374	12045	37	12082	2917	14999	50.04
17	3933	39	272	4244	1886	3507	31	4103	3613	-1370	11911	37	11948	2911	14859	50.03
18	3908	49	273	4230	1899	3564	13	3481	3166	-1328	11544	37	11581	2883	14464	50.00
19	3846	852	274	4972	1932	3545	0	3260	3133	-1320	12262	37	12299	2806	15105	49.97
20	3879	485	271	4635	1735	3604	0	4246	3827	-1220	12581	37	12618	2788	15406	49.94
21	3880	401	272	4553	1844	3587	0	4510	3814	-1213	12585	37	12622	2703	15325	49.98
22	3886	208	270	4364	1947	3411	0	3971	3576	-1335	11963	37	12000	2571	14571	49.99
23	3785	256	272	4313	1833	3639	0	3783	3280	-1248	11817	37	11854	2444	14298	49.96
24	3800	197	272	4269	1967	3467	0	3556	3042	-1277	11468	37	11505	2310	13815	50.00
MUs	94.49	4.67	6.48	105.64	45.76	85.31	0.54	88.13	76.76	-29.27	284.74	0.97	285.71	60.33	346.04	49.97

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/2015

Position as on 6.30 Hrs of 06/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	01/08/2015	21.06	05/08/2015	15.42	Problem in CRT Setting.	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
MSPGCL	Khaparkheda Unit 5	500	02/08/2015	04.11		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	02/08/2015	13.47		Continued.	Auxiliary supply failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Aug/2015

Position as on 6.30 Hrs of 06/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	03/08/2015	21.35	06/08/2015	04.31	Turbine Vibration High.	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	05/08/2015	23.52	06/08/2015	01.22	Pressure bering Temp.High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 06/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/07/2015	10.55	05/08/2015	15.57	T	For Replacement of BHEL make smoothening Reactor (Outage upto 5.8.15)
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	04/08/2015	17.04	05/08/2015	07.16	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/08/2015	22.24	05/08/2015	08.26	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/08/2015	00.46	05/08/2015	08.57	HT	Over Voltage
Dabhol Nagothane II	InterState	05/08/2015	06.03	05/08/2015	06.52	T	Tripped only from Dabhol End,A/R Sucessful from Nagothane End, Tripped on Distance Protection B Ph.
Kolhapur Mapusa II	InterState	05/08/2015	16.13	06/08/2015	06.54	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
Babhaleshwar-Taptitanda ckt-I	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
karad -kolhapur-I	IntraState	04/08/2015	16.33	05/08/2015	09.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/08/2015	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/08/2015	18.04	05/08/2015	09.18	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/08/2015	22.03	05/08/2015	06.50	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	05/08/2015	06.13	05/08/2015	07.27	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt I	IntraState	05/08/2015	10.22		Continued.	T	Due to DT Received From RPL End.
Deepnagar - Aurangabad	IntraState	05/08/2015	12.45	05/08/2015	16.43	PO	Shifted on TBC for Attending DC Leakage on Main C.B.
karad -kolhapur-II	IntraState	05/08/2015	16.05		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/08/2015	16.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/08/2015	22.10	06/08/2015	06.59	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	05/08/2015	00.20	05/08/2015	12.54	HT	Due to Sparking.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	05/08/2015	15.36	05/08/2015	16.17	PO	Routine Maintenance Work
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	06/08/2015	05.22		Continued.	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Maisal-Jath I	InterState	04/08/2015	09.50		Continued.	PO	Construction wORK LILO Arrangement @ Mhaisala.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising 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 jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Uran - Apta II	IntraState	05/08/2015	10.15	05/08/2015	11.35	PO	To attend Hot Spot
Lamboti-Vita	IntraState	05/08/2015	10.30	05/08/2015	19.36	PO	For Making Lilo Arrangment for 220kv Khanapur line & Insulator Replacment.
Uran - Apta IV	IntraState	05/08/2015	14.06	05/08/2015	22.07	PO	C B Maintenance Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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 05/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 06/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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