

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Aug/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.325	791.892	1) Gujrat	5.608	41.076
2) Hydro	8.510	60.044	2) Madhya Pradesh	6.903	77.756
3) Gas	6.588	46.289	3) Chattisgarh	4.850	37.950
Total MSPGCL	114.423	898.225	4) Maharashtra Net	82.976	594.423
B) 1) APML	49.240	359.420	5) Goa	-6.034	-47.375
2) JSWEL	25.917	205.229	6) TAPS 1&2 Injection	2.656	21.502
3) VIPL	5.844	44.250	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.940	121.449	8) Pench (MS)	0.163	1.042
5) WPCL	3.309	28.155	9) Pench (Excess)	-0.163	-0.851
6) Other IPP	2.066	15.937	Total	96.796	724.481
C) 1) TPCL Thermal	15.381	128.115	a) Mumbai Schedule	22.538	182.227
2) TPCL Hydro	3.470	26.629	b) Mumbai Drawl	25.408	219.161
3) TPCL Gas	1.552	12.370	c) MSEDCL Bilateral *	22.949	203.505
4) R-INFRA Thermal	11.332	82.427	Include PX	-4.072	-8.820
D) STATE			d) Mumbai Bilateral *	22.538	182.227
1) Thermal	230.354	1776.874	Include PX	6.224	52.752
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.980	86.673	H) ENERGY CATERED (MUs)		
3) Gas	8.140	58.659	1) MSEDCL	313.287	2459.049
4) Wind	22.093	273.869	2) Mumbai Discoms	57.140	468.685
6) SOLAR	1.067	7.195	TOTAL STATE	370.427	2927.734
TOTAL STATE	273.634	2203.270			

* 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 3 Hrs
MSPGCL Thermal	4252	4196	4195	4061
MSPGCL Hydro	1045	638	398	200
MSPGCL Gas	275	268	273	281
MSPGCL Total Generation	5572	5102	4866	4542
Central Sector Receipt	4276	4493	4604	3052
WIND	766	837	968	1086
CPP / IPP	4343	4294	4466	4202
SOLAR	125	149	1	0
Exchange with Mumbai	-1323	-1344	-1149	-784
MSEDCL DEMAND MET	13759	13531	13756	12098
Load Shedding	29	29	23	28
MSEDCL DEMAND	13788	13560	13779	12126
TPCL GENERATION	978	974	981	700
R-INFRA GENERATION	517	517	517	397
MUMBAI DEMAND	2818	2835	2647	1881
STATE DEMAND MET	16577	16366	16403	13979
STATE DEMAND	16606	16395	16426	14007
Frequency (Hz)	50.01	49.96	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17:02 Hrs	49.78 Hz at 19:42 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/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.31	26.82	150	120
Unit 6	0.00	0.00	0	0
Unit 7	3.59	28.82	168	135
Total	6.90	55.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.79	31.00	160	150
Unit 4	10.18	80.70	500	365
Unit 5	0.00	0.00	0	0
Total	13.98	111.70		
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	3.10	27.08	138	114
Unit 3	3.40	29.37	170	96
Unit 4	3.29	31.00	172	110
Unit 5	7.25	72.24	345	265
Unit 6	7.42	66.57	340	255
Unit 7	7.51	68.15	348	280
Total	31.97	294.42		
Paras				
Unit 3	3.49	36.79	198	80
Unit 4	3.93	38.09	194	141
Total	7.42	74.88		
Khaparkheda				
Unit 1	3.82	29.72	180	140
Unit 2	3.36	28.30	165	125
Unit 3	3.86	26.23	170	152
Unit 4	3.88	33.10	175	152
Unit 5	10.52	31.89	490	390
Total	25.42	149.25		
Nasik				
Unit 3	4.62	34.42	205	180
Unit 4	4.59	36.09	200	182
Unit 5	4.44	35.48	194	178
Total	13.64	106.00		
Uran				
All Units	6.59	46.29	284	268
Total	6.59	46.29		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	1.04	37	0
Total	0.16	1.04		
Koyna				
Stage 1-2	2.78	24.22	465	40
Stage 4	1.83	10.60	400	0
Stage 3	2.10	12.70	190	0
Total	6.71	47.52		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.32	1.26	61	0
BHTGR/VEER	0.08	0.65	4	3
BHIRA T.R.	0.32	2.66	51	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.68	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.47	9	0
GHATGHAR	1.02	5.55	125	0
Total	1.80	12.52		
Wind				
Total	22.09	273.87	0	0
Total	22.09	273.87		
CPP				
APML(Mus)	49.24	359.42	0	0
JSWEL(Mus)	25.92	205.23	0	0
VIPL(Mus)	5.84	44.25	0	0
RPLAMT(Mus)	17.94	121.45	0	0
WPCL(Mus)	3.31	28.16	0	0
Other(Mus)	2.07	15.94	0	0
Total	104.32	774.44		
SOLAR				
Total	1.07	7.20	0	0
Total	1.07	7.20		
Tata				
Trombay 5	9.86	82.93	472	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	12.37	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.52	45.19	251	199
TATA Hydro	3.47	26.63	197	36
Total	20.40	167.11		
R-INFRA				
1-2	11.33	82.43	519	396
Total	11.33	82.43		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	99.32	791.89
MSPGCL Thml+Gas	105.91	838.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.51	60.04
MSPGCL Total	114.42	898.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.61	34.82
State Total	273.63	2203.27

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/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	4095	209	280	4584	968	4462	0	3693	3237	-1111	12140	37	12177	2170	14347	49.96
2	4095	204	284	4583	967	4260	0	3373	3128	-891	12047	28	12075	1996	14071	50.00
3	4061	200	281	4542	1086	4202	0	3494	3052	-784	12098	28	12126	1881	14007	50.00
4	3993	54	283	4330	1017	4237	0	3489	3376	-786	12174	28	12202	1809	14011	49.99
5	4017	44	283	4344	1017	4183	0	3483	3474	-779	12239	28	12267	1804	14071	49.95
6	4003	159	270	4432	961	4341	0	3848	3843	-782	12795	29	12824	1891	14715	50.00
7	4102	535	271	4908	904	4275	11	4030	4180	-765	13513	29	13542	1970	15512	49.97
8	4173	670	275	5118	768	4397	26	4109	3975	-692	13592	29	13621	2090	15711	49.99
9	4219	823	276	5318	836	4412	50	4435	4477	-902	14191	29	14220	2320	16540	50.00
10	4201	952	278	5431	766	4252	79	4604	4389	-1154	13763	29	13792	2617	16409	50.01
11	4252	1045	275	5572	766	4343	125	4664	4276	-1323	13759	29	13788	2818	16606	50.01
12	4326	853	273	5452	679	4381	145	4525	4349	-1374	13632	29	13661	2841	16502	49.98
13	4196	638	268	5102	837	4294	149	4314	4493	-1344	13531	29	13560	2835	16395	49.96
14	4086	470	272	4828	935	4272	147	4206	4188	-1222	13148	24	13172	2712	15884	49.97
15	4072	340	270	4682	1081	4318	129	4379	4191	-1181	13220	23	13243	2674	15917	49.91
16	4083	93	271	4447	1040	4435	114	4580	4529	-1146	13419	23	13442	2635	16077	49.97
17	4103	83	271	4457	961	4315	57	4313	4432	-1138	13084	23	13107	2633	15740	50.00
18	4161	102	271	4534	1049	4282	29	3838	3547	-1127	12314	23	12337	2615	14952	50.01
19	4213	177	270	4660	1000	4463	5	3557	3476	-1092	12512	23	12535	2590	15125	49.99
20	4195	398	273	4866	968	4466	1	4607	4604	-1149	13756	23	13779	2647	16426	49.93
21	4251	272	272	4795	971	4444	0	4668	4363	-1125	13448	24	13472	2595	16067	50.01
22	4177	83	274	4534	876	4461	0	4468	4156	-1237	12790	24	12814	2477	15291	50.00
23	4120	48	274	4442	846	4405	0	4441	4477	-1182	12988	24	13012	2301	15313	49.95
24	4131	58	273	4462	794	4416	0	4234	4584	-1122	13134	24	13158	2222	15380	49.97
MUs	99.32	8.51	6.59	114.42	22.09	104.32	1.07	99.35	96.80	-25.41	313.29	0.64	313.93	57.14	371.07	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/2015

Position as on 6.30 Hrs of 09/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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
CPP	WPCL U-1	135	09/08/2015	00.01		Continued.	Back Filter Diff.Pressure High	
MSPGCL	Chandrapur Unit 3	210	09/08/2015	19.24		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 09/Aug/2015

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							
Kolhapur Mapusa II	InterState	07/08/2015	16.43	08/08/2015	09.33	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/08/2015	22.41	08/08/2015	07.42	HT	Over Voltage
Dhule Khandwa I	InterState	08/08/2015	10.18	08/08/2015	22.36	PO	outage at Khandwa end
Kolhapur Mapusa I	InterState	08/08/2015	16.46	09/08/2015	07.15	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/08/2015	00.34	09/08/2015	06.46	HT	Over Voltage
Kolhapur Mapusa I	InterState	09/08/2015	16.13		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	09/08/2015	17.37		Continued.	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).
Bhusawal-Aurangabad	IntraState	07/08/2015	14.07	08/08/2015	08.39	HT	Over Voltage
Main Bus-II @ Koradi	IntraState	07/08/2015	15.35	08/08/2015	16.32	PO	Jumpering work
karad -kolhapur-II	IntraState	07/08/2015	16.25	08/08/2015	09.13	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/08/2015	16.35	08/08/2015	09.15	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/08/2015	17.54	08/08/2015	06.26	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	08/08/2015	14.32	08/08/2015	16.45	EO	Repl.of B phase Jumper
karad -kolhapur-I	IntraState	08/08/2015	16.35	09/08/2015	09.47	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/08/2015	16.41	09/08/2015	10.57	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/08/2015	17.33	09/08/2015	09.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/08/2015	18.37	09/08/2015	06.44	HT	Over Voltage
karad -kolhapur-II	IntraState	09/08/2015	16.06		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/08/2015	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/08/2015	17.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/08/2015	17.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	07/08/2015	09.05	09/08/2015	21.38	PO	Replacement of 220kv R PH bushing & oil filtration
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	08/08/2015	08.01	08/08/2015	14.14	EO	To attend Hot Spot
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	08/08/2015	14.38	08/08/2015	18.13	EO	To attend Hot Spot
400/220kv 315MVA ICT-III @ Kharghar	IntraState	08/08/2015	18.36	08/08/2015	20.20	PO	Jumpering work
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	09/08/2015	05.50	09/08/2015	09.42	PO	To attend Hot Spot
400/220kv 315MVA ICT-III @ Kharghar	IntraState	09/08/2015	11.10	09/08/2015	21.45	PO	Stringing of Conductor from 400 KV ICT-III Gantry.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	09/08/2015	20.00	09/08/2015	20.38	T	On Ref Protection.
220 KV LINE Outages/Trippings							
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
Babhaleshwar - Degaon Rangari	IntraState	08/08/2015	10.26	08/08/2015	20.13	PO	Rectification work
Halkarni-Mahalaxmiline	IntraState	08/08/2015	10.52	08/08/2015	14.28	PO	Insulator cleaning work
Nanded - Parli Ext. Ckt I	IntraState	08/08/2015	11.00	08/08/2015	15.56	PO	Tighting and Fixing of Red Hot

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 08/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 09/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Nut Bolts
Mulund - GIS Bhandup	IntraState	09/08/2015	06.32	09/08/2015	13.10	PO	Replacement of Damaged Jumper of Cable Termination to LA.
Talandge-Hamidwada	IntraState	09/08/2015	08.46	09/08/2015	20.11	PO	Stringing of 765 KV Kudgi-Kolhapur LILO Work by PGCIL.
Padgha - Temghar I	IntraState	09/08/2015	09.55	09/08/2015	19.34	HT	For Padgha B Bus Outage.(Load Control).
Padgha-Temghar-II	IntraState	09/08/2015	09.55	09/08/2015	19.34	HT	For Padgha B Bus Outage.(Load Control).
Babhaleshwar - Degaon Rangari	IntraState	09/08/2015	10.05	09/08/2015	19.52	PO	Rectification Work Bet.Loc No.01 to 87 (Stand by Ckt).
TATA Tie I	IntraState	09/08/2015	10.36	09/08/2015	14.57	PO	Bus Bar Pannel Shifting Work.
Kalwa-TIFIL	IntraState	09/08/2015	11.12	09/08/2015	11.26	PO	To Remove Bird Nest from Bus Section.
Mahape - TIFIL	IntraState	09/08/2015	11.13	09/08/2015	11.30	PO	To Remove Bird Nest from Bus Section.
Bus B @ Padaghe	IntraState	09/08/2015	12.45	09/08/2015	17.47	PO	Replacement of Jumpers of Hybrid Pass.
GIS Bhandup - Borivali	IntraState	09/08/2015	13.31	09/08/2015	19.24	PO	Replacement of Damaged Jumper of Cable Termination to LA.
Trombay MSETCL Tie 2	IntraState	09/08/2015	15.08	09/08/2015	16.41	PO	Bus Bar Pannel Shifting Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	08/08/2015	10.05	08/08/2015	15.41	PO	To attend Compressor NRV problem
132 KV LINE Outages/Trippings							
Morshi-Warud	IntraState	08/08/2015	05.02	08/08/2015	05.21	T	Distance Protection
Mankapur-Uppalwadi	IntraState	09/08/2015	06.34	09/08/2015	17.15	HT	In View of Outage on Ambazari-Hingna-I.

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