

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Aug/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.129	891.021	1) Gujrat	8.371	49.447
2) Hydro	6.874	66.918	2) Madhya Pradesh	12.505	90.261
3) Gas	6.610	52.899	3) Chattisgarh	4.790	42.740
Total MSPGCL	112.613	1010.838	4) Maharashtra Net	85.733	680.156
B) 1) APML	42.980	402.400	5) Goa	-6.414	-53.789
2) JSWEL	23.926	229.155	6) TAPS 1&2 Injection	2.646	24.148
3) VIPL	4.588	48.838	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.080	138.529	8) Pench (MS)	0.035	1.077
5) WPCL	2.314	30.469	9) Pench (Excess)	-0.035	-0.886
6) Other IPP	2.043	17.980	Total	107.596	832.077
C) 1) TPCL Thermal	14.298	142.413	a) Mumbai Schedule	15.704	197.931
2) TPCL Hydro	3.502	30.131	b) Mumbai Drawl	18.671	237.832
3) TPCL Gas	1.552	13.922	c) MSEDCL Bilateral *	31.902	235.407
4) R-INFRA Thermal	11.216	93.643	Include PX	5.706	-3.114
D) STATE			d) Mumbai Bilateral *	15.704	197.931
1) Thermal	217.574	1994.448	Include PX	3.150	55.902
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.376	97.049	H) ENERGY CATERED (MUs)		
3) Gas	8.162	66.821	1) MSEDCL	313.376	2772.425
4) Wind	17.669	291.538	2) Mumbai Discoms	49.238	517.923
6) SOLAR	1.238	8.433	TOTAL STATE	362.614	3290.348
TOTAL STATE	255.019	2458.289			

* 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	4312	4307	3794	4106
MSPGCL Hydro	814	559	473	49
MSPGCL Gas	273	272	275	274
MSPGCL Total Generation	5399	5138	4542	4429
Central Sector Receipt	5050	5257	4717	3976
WIND	561	555	742	646
CPP / IPP	3733	3842	4058	3950
SOLAR	164	143	0	0
Exchange with Mumbai	-779	-859	-788	-611
MSEDCL DEMAND MET	14128	14076	13271	12390
Load Shedding	34	34	34	32
MSEDCL DEMAND	14162	14110	13305	12422
TPCL GENERATION	940	866	1007	727
R-INFRA GENERATION	516	517	518	397
MUMBAI DEMAND	2235	2242	2313	1735
STATE DEMAND MET	16363	16318	15584	14125
STATE DEMAND	16397	16352	15618	14157
Frequency (Hz)	49.97	49.93	49.89	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.00 Hrs	49.68 Hz at 22.05 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 09/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.62	30.44	160	145
Unit 6	0.00	0.00	0	0
Unit 7	3.76	32.58	165	147
Total	7.39	63.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.77	34.78	170	140
Unit 4	9.00	89.70	390	360
Unit 5	0.00	0.00	0	0
Total	12.78	124.48		
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	3.39	30.48	150	132
Unit 3	3.03	32.40	171	0
Unit 4	3.54	34.54	167	120
Unit 5	7.96	80.20	370	299
Unit 6	8.04	74.60	370	268
Unit 7	7.58	75.73	344	280
Total	33.53	327.95		
Paras				
Unit 3	4.42	41.21	202	168
Unit 4	4.17	42.26	194	140
Total	8.59	83.47		
Khaparkheda				
Unit 1	3.51	33.24	160	125
Unit 2	3.45	31.76	165	115
Unit 3	3.55	29.79	163	100
Unit 4	3.97	37.06	180	140
Unit 5	8.97	40.87	473	260
Total	23.45	172.71		
Nasik				
Unit 3	4.52	38.94	200	180
Unit 4	4.47	40.56	194	183
Unit 5	4.41	39.89	190	175
Total	13.40	119.40		
Uran				
All Units	6.61	52.90	280	270
Total	6.61	52.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.04	1.08	19	0
Total	0.04	1.08		
Koyna				
Stage 1-2	2.33	26.55	440	40
Stage 4	1.76	12.36	248	0
Stage 3	1.25	13.96	160	0
Total	5.34	52.86		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.18	1.43	61	0
BHTGR/VEER	0.08	0.73	4	3
BHIRA T.R.	0.32	2.98	63	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	0.53	10	0
GHATGHAR	0.90	6.45	214	0
Total	1.53	14.05		
Wind				
Total	17.67	291.54	0	0
Total	17.67	291.54		
CPP				
APML(Mus)	42.98	402.40	0	0
JSWEL(Mus)	23.93	229.16	0	0
VIPL(Mus)	4.59	48.84	0	0
RPLAMT(Mus)	17.08	138.53	0	0
WPCL(Mus)	2.31	30.47	0	0
Other(Mus)	2.04	17.98	0	0
Total	92.93	867.37		
SOLAR				
Total	1.24	8.43	0	0
Total	1.24	8.43		
Tata				
Trombay 5	8.82	91.74	477	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	13.92	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.48	50.67	249	199
TATA Hydro	3.50	30.13	236	71
Total	19.35	186.47		
R-INFRA				
1-2	11.22	93.64	518	395
Total	11.22	93.64		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	99.13	891.02
MSPGCL Thml+Gas	105.74	943.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.87	66.92
MSPGCL Total	112.61	1010.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.09	38.91
State Total	255.02	2458.29

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	4120	44	272	4436	604	4298	0	4293	4165	-985	12518	50	12568	2062	14630	49.99
2	4109	44	274	4427	546	4265	0	4167	4207	-842	12603	32	12635	1893	14528	49.97
3	4067	49	275	4391	578	3965	0	4103	4217	-721	12430	32	12462	1792	14254	49.98
4	4106	49	274	4429	646	3950	0	4148	3976	-611	12390	32	12422	1735	14157	49.96
5	4149	49	274	4472	781	3829	0	4128	4074	-636	12520	32	12552	1724	14276	49.99
6	4176	54	273	4503	781	3767	0	4311	4523	-640	12934	34	12968	1776	14744	50.01
7	4197	44	277	4518	733	3704	8	4820	4867	-584	13246	34	13280	1803	15083	49.99
8	4301	48	276	4625	659	3788	37	5129	5402	-569	13942	34	13976	1850	15826	50.02
9	4272	80	275	4627	757	3777	80	5138	5085	-584	13742	34	13776	1972	15748	50.01
10	4264	417	273	4954	675	3804	122	4956	5281	-662	14174	34	14208	2111	16319	50.05
11	4322	669	275	5266	585	3691	142	4781	5024	-765	13943	34	13977	2232	16209	49.98
12	4312	814	273	5399	561	3733	164	4704	5050	-779	14128	34	14162	2235	16397	49.97
13	4307	559	272	5138	555	3842	143	4788	5257	-859	14076	34	14110	2242	16352	49.93
14	4283	483	280	5046	642	3611	159	4323	4560	-873	13145	35	13180	2171	15351	49.94
15	4274	447	279	5000	701	3899	126	4154	4446	-804	13368	33	13401	2108	15509	49.96
16	4244	332	280	4856	937	3833	126	4404	4380	-759	13373	33	13406	2058	15464	50.01
17	4221	270	279	4770	1092	3688	82	4136	4129	-793	12968	33	13001	2043	15044	50.02
18	4187	114	279	4580	1084	3784	46	3146	3091	-981	11604	33	11637	2045	13682	50.00
19	4076	403	280	4759	998	3696	3	3085	3153	-998	11611	33	11644	2087	13731	50.01
20	3845	958	280	5083	734	3941	0	4222	4361	-890	13229	34	13263	2246	15509	49.87
21	3794	473	275	4542	742	4058	0	4648	4717	-788	13271	34	13305	2313	15618	49.89
22	3804	128	270	4202	721	4118	0	4406	4305	-798	12548	34	12582	2306	14888	49.91
23	3865	48	272	4185	755	3942	0	4354	4563	-852	12593	34	12627	2273	14900	49.86
24	3834	298	273	4405	802	3948	0	4265	4762	-898	13019	34	13053	2162	15215	49.96
MUs	99.13	6.87	6.61	112.61	17.67	92.93	1.24	104.61	107.59	-18.67	313.38	0.82	314.20	49.24	363.43	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 09/Aug/2015

Position as on 6.30 Hrs of 10/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	
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) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Aug/2015

Position as on 6.30 Hrs of 10/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	10/08/2015	01.39		Continued.	Furnace Draught Low.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 10/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 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).
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
400/220 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
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-II	IntraState	09/08/2015	09.55	09/08/2015	19.34	HT	For Padgha B Bus Outage.(Load Control).
Padgha - Temghar I	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.
Pargaon(Kathapur)-Lonikand	IntraState	10/08/2015	04.29	10/08/2015	04.45	T	Distance Protection
220 KV ICT Outages/Trippings							

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 09/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 10/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
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