

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Sep/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.380	373.295	1) Gujrat	6.142	13.902
2) Hydro	14.060	62.194	2) Madhya Pradesh	14.969	55.133
3) Gas	6.310	25.320	3) Chattisgarh	5.120	21.230
Total MSPGCL	112.750	460.809	4) Maharashtra Net	106.083	425.959
B) 1) APML	60.930	222.930	5) Goa	-7.740	-28.305
2) JSWEL	26.864	109.715	6) TAPS 1&2 Injection	4.516	12.165
3) VIPL	12.754	50.423	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	20.300	75.113	8) Pench (MS)	0.936	3.950
5) WPCL	3.819	15.626	9) Pench (Excess)	-0.936	-3.950
6) Other IPP	1.785	9.148	Total	128.154	496.134
C) 1) TPCL Thermal	17.635	69.188	a) Mumbai Schedule	25.053	103.078
2) TPCL Hydro	2.921	12.342	b) Mumbai Drawl	24.978	100.472
3) TPCL Gas	2.403	9.572	c) MSEDCL Bilateral *	37.572	144.555
4) R-INFRA Thermal	12.425	48.534	Include PX	11.309	21.509
D) STATE			d) Mumbai Bilateral *	25.053	102.128
1) Thermal	248.892	973.972	Include PX	1.538	8.555
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.950
2) Hydro	16.981	74.536	H) ENERGY CATERED (MUs)		
3) Gas	8.713	34.892	1) MSEDCL	349.645	1388.107
4) Wind	6.217	44.285	2) Mumbai Discoms	60.362	240.094
6) SOLAR	1.050	4.396	TOTAL STATE	410.007	1628.201
TOTAL STATE	281.853	1132.081			

* 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	4001	3870	3727	3845
MSPGCL Hydro	1076	814	1123	108
MSPGCL Gas	255	257	265	267
MSPGCL Total Generation	5332	4941	5115	4220
Central Sector Receipt	6192	5971	4782	4888
WIND	49	60	508	320
CPP / IPP	5127	5359	5418	5120
SOLAR	162	134	0	0
Exchange with Mumbai	-1333	-1414	-1262	-530
MSEDCL DEMAND MET	15529	15051	14561	14018
Load Shedding	30	36	27	24
MSEDCL DEMAND	15559	15087	14588	14042
TPCL GENERATION	1145	1112	1051	808
R-INFRA GENERATION	516	519	518	518
MUMBAI DEMAND	2994	3045	2831	1856
STATE DEMAND MET	18523	18096	17392	15874
STATE DEMAND	18553	18132	17419	15898
Frequency (Hz)	49.80	49.82	49.89	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 06:02 Hrs	49.65 Hz at 05:42 Hrs	49.85	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 04/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.91	13.29	125	114
Unit 6	0.00	0.00	0	0
Unit 7	4.04	15.27	180	150
Total	6.94	28.56		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	16.18	175	165
Unit 4	11.04	42.42	490	415
Unit 5	2.98	2.98	335	0
Total	18.06	61.58		
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	2.76	12.35	135	75
Unit 3	0.68	13.07	175	0
Unit 4	0.00	0.00	0	0
Unit 5	9.46	37.10	410	370
Unit 6	10.20	37.38	460	385
Unit 7	8.06	32.27	359	284
Total	31.17	132.17		
Paras				
Unit 3	4.28	18.34	218	150
Unit 4	5.03	20.34	234	192
Total	9.31	38.69		
Khaparkheda				
Unit 1	0.00	9.01	0	0
Unit 2	3.26	12.64	155	120
Unit 3	3.32	12.27	148	129
Unit 4	3.21	12.51	140	126
Unit 5	7.95	29.34	360	285
Total	17.74	75.78		
Nasik				
Unit 3	4.52	17.82	200	180
Unit 4	0.00	5.34	0	0
Unit 5	4.62	13.36	196	186
Total	9.15	36.52		
Uran				
All Units	6.31	25.32	272	249
Total	6.31	25.32		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.94	3.95	50	23
Total	0.94	3.95		
Koyna				
Stage 1-2	3.56	20.06	470	40
Stage 4	6.02	22.82	588	0
Stage 3	2.16	9.89	240	0
Total	11.74	52.78		
Hydro				
KDPH	0.72	2.02	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.94	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.56	2.05	40	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	1.08	16	6
GHATGHAR	0.65	3.32	125	0
Total	2.32	9.42		
Wind				
Total	6.22	44.28	0	0
Total	6.22	44.28		
CPP				
APML(Mus)	60.93	222.93	0	0
JSWEL(Mus)	26.86	109.72	0	0
VIPL(Mus)	12.75	50.42	0	0
RPLAMT(Mus)	20.30	75.11	0	0
WPCL(Mus)	3.82	15.63	0	0
Other(Mus)	1.78	9.15	0	0
Total	126.45	482.96		
SOLAR				
Total	1.05	4.40	0	0
Total	1.05	4.40		
Tata				
Trombay 5	11.69	45.66	493	480
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	9.57	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.94	23.53	251	244
TATA Hydro	2.92	12.34	294	0
Total	22.96	91.10		
R-INFRA				
1-2	12.42	48.53	519	516
Total	12.42	48.53		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	92.38	373.30
MSPGCL Thml+Gas	98.69	398.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.06	62.19
MSPGCL Total	112.75	460.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	9.58	42.88
State Total	281.85	1132.08

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Sep/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	3854	108	267	4229	481	5322	0	4974	5137	-830	14339	38	14377	2165	16542	49.80
2	3827	113	269	4209	434	5215	0	4838	4820	-639	14039	24	14063	1964	16027	49.87
3	3845	108	267	4220	320	5120	0	4781	4888	-530	14018	24	14042	1856	15898	49.86
4	3829	77	269	4175	241	5088	0	4746	5121	-484	14141	24	14165	1799	15964	49.91
5	3740	157	268	4165	170	5105	0	4858	5164	-471	14133	24	14157	1789	15946	49.83
6	3825	317	268	4410	142	5253	0	4978	5159	-523	14441	27	14468	1871	16339	49.82
7	3869	711	272	4852	133	5281	0	5413	5776	-616	15426	27	15453	1993	17446	49.90
8	3918	908	272	5098	79	5268	35	5682	5820	-778	15522	27	15549	2171	17720	49.93
9	3940	738	265	4943	55	5327	83	5908	6163	-1000	15571	27	15598	2461	18059	49.91
10	3946	1070	259	5275	77	5161	122	6006	6157	-1167	15625	27	15652	2778	18430	49.91
11	4001	1076	255	5332	49	5127	162	6144	6192	-1333	15529	30	15559	2994	18553	49.80
12	3890	927	256	5073	66	5372	142	6215	6057	-1383	15327	36	15363	3046	18409	49.83
13	3870	814	257	4941	60	5359	134	6123	5971	-1414	15051	36	15087	3045	18132	49.82
14	3861	678	249	4788	90	5328	112	5871	6005	-1316	15007	36	15043	2913	17956	49.82
15	3868	631	254	4753	125	5384	122	5846	5777	-1360	14801	31	14832	2958	17790	49.77
16	3830	980	251	5061	172	5169	67	5836	5959	-1392	15036	26	15062	2982	18044	49.80
17	3720	871	257	4848	284	5169	42	5663	5620	-1378	14585	25	14610	2965	17575	49.78
18	3633	683	266	4582	397	5167	26	4725	4616	-1327	13461	25	13486	2910	16396	49.84
19	3614	488	269	4371	490	5257	3	4842	4637	-1325	13433	25	13458	2783	16241	49.84
20	3727	1123	265	5115	508	5418	0	4949	4782	-1262	14561	27	14588	2831	17419	49.89
21	3846	720	263	4829	470	5420	0	4959	4643	-1188	14174	27	14201	2711	16912	49.89
22	3905	389	264	4558	408	5395	0	4915	4713	-1167	13907	27	13934	2564	16498	49.95
23	3988	204	264	4456	477	5442	0	4894	4606	-1089	13892	27	13919	2447	16366	49.90
24	4034	169	264	4467	489	5305	0	4768	4371	-1006	13626	27	13653	2366	16019	49.75
MUs	92.38	14.06	6.31	112.75	6.22	126.45	1.05	127.93	128.15	-24.98	349.64	0.67	350.32	60.36	410.68	49.85

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 04/Sep/2015

Position as on 6.30 Hrs of 05/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29	04/09/2015	04.35	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
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	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	Koradi Unit-8	660	20/08/2015	09.50		Continued.	ESP problem	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
MSPGCL	Nasik Unit 4	210	02/09/2015	05.37	05/09/2015	02.45	ID Fan Problem	
IPP	RPL(AMT) U-4	270	02/09/2015	08.17	04/09/2015	09.05	P A Fan Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Sep/2015

Position as on 6.30 Hrs of 05/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	03/09/2015	22.26		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	04/09/2015	04.22		Continued.	Steam valve problem	
IPP	RPL(AMT) U-4	270	04/09/2015	15.22	04/09/2015	18.03	P A Fan Problem.	
MSPGCL	Bhusawal Unit 5	500	04/09/2015	16.30	04/09/2015	19.03	master fuel tripped	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 05/Sep/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	03/09/2015	17.02	04/09/2015	05.40	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	04/09/2015	14.16	04/09/2015	15.53	T	Distance Protection
Kolhapur Mapusa I	InterState	04/09/2015	17.05	05/09/2015	06.19	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/09/2015	17.56		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	27/08/2015	11.20	04/09/2015	21.00	PO	opportunity outage for line rectification in work (RFC 16.50)
karad -kolhapur-I	IntraState	03/09/2015	16.35	04/09/2015	05.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/09/2015	17.03	04/09/2015	06.28	T	Over Voltage
Bhusawal-Aurangabad	IntraState	03/09/2015	18.06	04/09/2015	08.03	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	04/09/2015	05.26	04/09/2015	15.00	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	04/09/2015	15.23		Continued.	HT	To control padghe-bblr 2 line overloading
Babhaleshwar - Padghe-I	IntraState	04/09/2015	15.43	04/09/2015	20.50	EO	Faulty insulator strings replacement work
karad -kolhapur-II	IntraState	04/09/2015	17.35	05/09/2015	06.22	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/09/2015	17.45	05/09/2015	06.25	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/09/2015	18.08	05/09/2015	06.20	HT	Over Voltage
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
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Taloja li - OCIL-II	IntraState	04/09/2015	07.28	04/09/2015	17.32	PO	Annual Maintenance Work
Temghar - Kalwa	IntraState	04/09/2015	07.35	04/09/2015	11.56	EO	Attending Hot Spot
Mahad - Pedambe	IntraState	04/09/2015	08.05	04/09/2015	17.30	PO	P.M.Work
Padghe - Jambhul 1	IntraState	04/09/2015	09.37	04/09/2015	17.38	EO	Attending Hot Spot
Mumewadi-Belewadi	IntraState	04/09/2015	09.50	04/09/2015	11.36	PO	Testing Work
Loteparshuram- Dasturi Line	IntraState	04/09/2015	10.50	04/09/2015	18.04	PO	Isolator Replacement work
Mumewadi -Halkarni I	IntraState	04/09/2015	13.08	04/09/2015	15.00	PO	Testing Work
Sonkhar - Trombay	IntraState	04/09/2015	18.08	04/09/2015	22.16	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	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