

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Sep/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.087	656.932	1) Gujrat	5.193	42.872
2) Hydro	11.452	40.513	2) Madhya Pradesh	12.959	61.253
3) Gas	6.374	38.141	3) Chattisgarh	5.250	26.660
Total MSPGCL	120.913	735.586	4) Maharashtra Net	75.714	435.217
B) 1) APML	63.217	292.478	5) Goa (Amona)	-0.236	-2.770
2) JSWEL	19.756	108.617	6) TAPS 1&2 Injection	7.690	46.189
3) VIPL	12.588	62.914	7) RGPPL Injection	12.037	70.734
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	1.088	4.757
5) WPCL	4.699	23.661	9) Pench (Excess)	-1.088	-4.757
6) PGPL	6.854	34.437	Total	117.519	675.398
7) Other IPP	2.793	15.950	a) Mumbai Schedule	18.287	103.396
C) 1) TPCL Thermal	14.933	76.982	b) Mumbai Drawl	24.488	140.579
2) TPCL Hydro	4.246	32.134	c) MSEDCL Bilateral *	24.073	163.889
3) TPCL Gas	4.470	25.875	Include PX	-3.954	-10.536
4) R-INFRA Thermal	10.840	59.159	d) Mumbai Bilateral *	18.287	103.396
D) STATE			Include PX	1.764	5.989
1) Thermal	231.913	1296.693	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	15.698	72.647	1) MSEDCL	351.887	1966.404
3) Gas	17.698	98.453	2) Mumbai Discoms	58.977	334.729
4) Wind	26.813	151.514	TOTAL STATE	410.864	2301.133
6) SOLAR	1.223	6.428			
TOTAL STATE	293.345	1625.735			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4521	4493	4483	3906
MSPGCL Hydro	1226	979	895	91
MSPGCL Gas	260	258	250	269
MSPGCL Total Generation	6007	5730	5628	4266
Central Sector Receipt	5798	5721	4653	3500
WIND	936	1100	1055	1373
CPP / IPP Thermal	4543	4565	4567	3736
CPP / IPP Gas	286	286	286	285
SOLAR	167	111	0	0
Exchange with Mumbai	-1432	-1289	-1174	-523
MSEDCL DEMAND MET	16305	16224	15015	12637
Load Shedding	0	0	0	0
MSEDCL DEMAND	16305	16224	15015	12637
TPCL GENERATION	1090	1097	1073	807
R-INFRA GENERATION	507	506	493	403
MUMBAI DEMAND	3029	2892	2740	1733
STATE DEMAND MET	19334	19116	17755	14370
STATE DEMAND	19334	19116	17755	14370
Frequency (Hz)	49.92	49.92	49.89	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.76 Hz at 16.43 Hrs	49.95	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 06/Sep/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	10.83	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.68	21.50	165	115
Unit 8	11.40	65.04	529	211
Total	15.08	97.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	12.75	0	0
Unit 5	0.00	44.45	0	0
Total	0.00	57.20		
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	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.50	24.52	200	165
Unit 4	0.00	9.99	0	0
Unit 5	9.69	53.77	425	365
Unit 6	10.12	54.03	455	365
Unit 7	9.63	52.99	436	360
Unit 8	10.46	54.69	481	370
Total	44.39	250.00		
Paras				
Unit 3	5.64	29.77	256	190
Unit 4	5.12	28.72	240	192
Total	10.76	58.49		
Khaparkheda				
Unit 1	0.00	15.70	0	0
Unit 2	3.90	22.14	170	150
Unit 3	4.44	24.30	195	167
Unit 4	4.32	23.90	186	170
Unit 5	10.79	59.51	500	395
Total	23.44	145.55		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.31	24.05	198	162
Unit 5	4.30	23.48	197	161
Total	8.61	47.53		
Uran				
All Units	6.37	38.14	286	247
Total	6.37	38.14		
PGPL				
Unit 1	4.36	21.87	182	180

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.49	12.57	105	103
Total	6.85	34.44		
PENCH (MS)				
Pench (MS)	1.09	4.76	53	33
Total	1.09	4.76		
Koyna				
Stage 1-2	4.46	15.36	445	40
Stage 4	2.20	3.09	420	0
Stage 3	1.35	5.74	160	0
Total	8.00	24.20		
Hydro				
KDPH	0.63	1.48	27	26
VTRNA	0.26	0.73	58	0
TILLARI	0.30	1.64	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.50	2.94	80	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.34	1.38	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	1.86	17	4
GHATGHAR	1.25	5.72	120	0
Total	3.45	16.32		
Wind				
Total	26.81	151.51	0	0
Total	26.81	151.51		
CPP				
APML(Mus)	63.22	292.48	0	0
JSWEL(Mus)	19.76	108.62	0	0
VIPL(Mus)	12.59	62.91	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.70	23.66	0	0
Other(Mus)	2.79	15.95	0	0
Total	103.05	503.62		
SOLAR				
Total	1.22	6.43	0	0
Total	1.22	6.43		
Tata				
Trombay 5	9.53	47.47	486	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	16.35	125	114
Trombay 7B	1.62	9.52	70	66
Trombay 8	5.40	29.51	247	197
TATA Hydro	4.25	32.13	295	64
Total	23.65	134.99		
R-INFRA				
1-2	10.84	59.16	508	402
Total	10.84	59.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.80	0.80	MSPGCL Thermal	103.09	656.93	MSPGCL Total	120.91	735.59
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	109.46	695.07	Koyna 1,2 & 4 Total	6.65	18.46
Koradi 10	0.00	0.00	MSPGCL Hydro	11.45	40.51	State Total	293.34	1625.74
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Sep/2016

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	3926	116	268	4310	1491	3756	286	0	3288	3400	-737	12506	0	12506	2043	14549	49.93
2	3900	101	269	4270	1393	3747	285	0	3134	3732	-603	12824	0	12824	1885	14709	49.98
3	3908	96	269	4273	1432	3740	286	0	3002	3541	-566	12706	0	12706	1782	14488	49.97
4	3906	91	269	4266	1373	3736	285	0	3002	3500	-523	12637	0	12637	1733	14370	49.98
5	3893	86	270	4249	1226	3734	285	0	3379	3911	-505	12900	0	12900	1713	14613	49.93
6	3899	357	280	4536	1151	3799	285	0	4203	4579	-552	13798	0	13798	1806	15604	49.96
7	4264	624	274	5162	1002	3995	285	1	4983	5396	-564	15277	0	15277	1897	17174	49.93
8	4419	460	270	5149	767	4396	285	38	5243	5977	-684	15928	0	15928	2070	17998	50.00
9	4441	594	285	5320	947	4475	285	88	5430	5707	-1028	15794	0	15794	2523	18317	49.99
10	4468	660	286	5414	1095	4549	285	127	5564	5815	-1176	16109	0	16109	2772	18881	49.95
11	4490	907	261	5658	999	4544	284	159	5584	5958	-1418	16184	0	16184	3019	19203	49.97
12	4521	1226	260	6007	936	4543	286	167	5544	5798	-1432	16305	0	16305	3029	19334	49.92
13	4509	817	247	5573	991	4555	286	165	5450	5793	-1393	15970	0	15970	2997	18967	49.96
14	4475	614	258	5347	1093	4564	286	153	5357	5731	-1283	15891	0	15891	2888	18779	49.97
15	4495	910	257	5662	1053	4563	286	131	5324	5463	-1290	15868	0	15868	2900	18768	49.91
16	4493	979	258	5730	1100	4565	286	111	5299	5721	-1289	16224	0	16224	2892	19116	49.92
17	4517	835	258	5610	1029	4537	286	61	5013	5039	-1272	15290	0	15290	2879	18169	49.93
18	4483	155	258	4896	1169	4550	286	20	4376	4309	-1185	14045	0	14045	2776	16821	49.94
19	4153	307	258	4718	1150	4546	285	2	4158	4194	-1181	13714	0	13714	2706	16420	49.93
20	4483	895	250	5628	1055	4567	286	0	4876	4653	-1174	15015	0	15015	2740	17755	49.89
21	4484	283	268	5035	1128	4556	286	0	4885	4993	-1197	14801	0	14801	2671	17472	49.97
22	4437	147	266	4850	1047	4514	287	0	4802	4665	-1183	14180	0	14180	2500	16680	49.99
23	4312	98	268	4678	1037	4269	286	0	4603	4881	-1172	13979	0	13979	2425	16404	49.97
24	4211	94	267	4572	1149	4253	286	0	4643	4763	-1081	13942	0	13942	2331	16272	49.92
MUs	103.09	11.45	6.37	120.91	26.81	103.05	6.85	1.22	111.14	117.52	-24.49	351.89	0.00	351.89	58.98	410.86	49.95

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 06/Sep/2016

Position as on 6.30 Hrs of 07/Sep/2016

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 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11	06/09/2016	15.55	Oil Shortage.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
RGPPL	Dabhol 3A	230	16/08/2016	17.24		Continued.	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 4	500	02/09/2016	10.35	07/09/2016	23.20	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Sep/2016

Position as on 6.30 Hrs of 07/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							(Converted to Zero schedule from 20:30 Hrs of 04/09/2016)	
MSPGCL	Chandrapur Unit 4	210	03/09/2016	12.04	07/09/2016	22.00	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 1	210	05/09/2016	03.27		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	06/09/2016	00.00		Continued.	Zero shedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 4	210	07/09/2016	18.20	07/09/2016	20.30	Control Value Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 07/Sep/2016

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 Solapur (PG) II	InterState	05/09/2016	21.53	06/09/2016	07.23	T	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	06/09/2016	02.32	06/09/2016	06.44	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	06/09/2016	10.24	06/09/2016	18.43	PO	Routine Maintenance Work
Koradi Satpur	InterState	06/09/2016	16.59	06/09/2016	19.31	T	DT Received at Koradi end
Kolhapur Solapur(PG) I	InterState	06/09/2016	18.16	07/09/2016	07.29	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/09/2016	17.33		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	29/08/2016	16.14	06/09/2016	06.46	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/08/2016	16.48	06/09/2016	09.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/09/2016	15.52	06/09/2016	09.45	HT	Over Voltage
karad -kolhapur-II	IntraState	05/09/2016	18.00	06/09/2016	09.43	T	Over Voltage
N.Koyna-Karad - Ckt I	IntraState	06/09/2016	00.08	07/09/2016	09.55	T	Distance Protection(RFC 20.40Hrs)
karad -kolhapur-I	IntraState	06/09/2016	16.44		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/09/2016	17.25	07/09/2016	06.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/09/2016	17.49	07/09/2016	06.42	HT	Over Voltage
N.Koyna-Karad - Ckt I	IntraState	07/09/2016	11.58		Continued.	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	07/09/2016	17.37		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/09/2016	21.42		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Bableshtar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudus bay ektuni CKT-2 will remain off during this outage period.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	07/09/2016	07.21	07/09/2016	09.58	PO	Checking Of FDR Indication On Y Phase Unit & To Attend DC Leakage.
400/220/33 Kv 315 MVA ICT II @Bableshtar	IntraState	07/09/2016	13.38	07/09/2016	15.50	T	Tripped On Monkey Fault.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Tillari Amona	InterState	05/09/2016	18.02	06/09/2016	08.22	T	Breaker tripped from Amona end
Mahalakshmi Amona	InterState	05/09/2016	18.02	06/09/2016	08.20	T	Breaker tripped from Amona end
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 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshtar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Ambazari-Amravati	IntraState	06/09/2016	09.20	06/09/2016	18.34	PO	Repl.of Disc Insulator
Shivajinagar - Satana	IntraState	06/09/2016	23.02	07/09/2016	16.20	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)

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 06/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 07/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva lbt Ptr @Old Gcr Parli	IntraState	06/09/2016	11.48	06/09/2016	20.02	PO	Breaker Maint.work
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	06/09/2016	19.03	06/09/2016	22.51	EO	To attend Hot Spot
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.