

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.407	898.681	1) Gujrat	4.601	37.885
2) Hydro	7.113	65.210	2) Madhya Pradesh	14.964	130.570
3) Gas	6.500	58.365	3) Chattisgarh	5.650	49.790
Total MSPGCL	104.020	1022.256	4) Maharashtra Net	96.797	841.462
B) 1) APML	57.980	483.340	5) Goa	-7.047	-61.630
2) JSWEL	18.908	165.503	6) TAPS 1&2 Injection	2.888	26.000
3) VIPL	12.355	106.788	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.040	137.588	8) Pench (MS)	0.065	1.457
5) WPCL	2.840	28.162	9) Pench (Excess)	-0.065	-1.199
6) Other IPP	4.084	35.173	Total	117.788	1022.878
C) 1) TPCL Thermal	17.449	145.389	a) Mumbai Schedule	29.901	242.135
2) TPCL Hydro	3.716	32.487	b) Mumbai Drawl	32.028	257.682
3) TPCL Gas	4.484	29.877	c) MSEDCL Bilateral *	32.195	275.006
4) R-INFRA Thermal	6.851	98.293	Include PX	6.668	40.916
D) STATE			d) Mumbai Bilateral *	29.901	242.135
1) Thermal	225.914	2098.917	Include PX	5.205	27.547
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.829	97.697	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.984	88.242	1) MSEDCL	347.166	3103.718
4) Wind	45.351	348.667	2) Mumbai Discoms	64.528	563.726
6) SOLAR	0.828	9.846	TOTAL STATE	411.694	3667.444
TOTAL STATE	293.906	2643.369			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3868	3857	3604	3650
MSPGCL Hydro	490	57	699	43
MSPGCL Gas	269	266	271	281
MSPGCL Total Generation	4627	4180	4574	3974
Central Sector Receipt	5860	6033	4575	4235
WIND	1947	2064	1731	1953
CPP / IPP	4640	4683	4626	4472
SOLAR	65	99	0	0
Exchange with Mumbai	-1559	-1692	-1391	-900
MSEDCL DEMAND MET	15580	15367	14115	13734
Load Shedding	43	41	36	37
MSEDCL DEMAND	15623	15408	14151	13771
TPCL GENERATION	1345	1237	1161	849
R-INFRA GENERATION	258	257	280	258
MUMBAI DEMAND	3162	3186	2832	2007
STATE DEMAND MET	18742	18553	16947	15741
STATE DEMAND	18785	18594	16983	15778
Frequency (Hz)	49.99	49.99	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 08.02 Hrs	49.73 Hz at 14.45 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/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.53	17.13	150	0
Unit 6	0.00	0.00	0	0
Unit 7	3.52	20.41	157	130
Total	6.05	37.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.12	36.86	180	160
Unit 4	0.00	73.37	0	0
Unit 5	10.29	66.10	480	370
Total	14.41	176.33		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.18	0	0
Unit 5	0.00	19.87	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	37.92	0	0
Total	0.00	57.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.53	31.00	152	143
Unit 3	4.35	38.40	194	159
Unit 4	4.16	37.26	180	155
Unit 5	9.19	83.09	405	370
Unit 6	0.00	0.00	0	0
Unit 7	8.67	77.72	398	290
Total	29.90	267.48		
Paras				
Unit 3	4.80	45.81	227	182
Unit 4	4.78	45.18	212	181
Total	9.58	90.99		
Khaparkheda				
Unit 1	3.70	33.72	185	120
Unit 2	3.98	33.93	180	135
Unit 3	4.55	34.67	202	155
Unit 4	0.00	0.00	0	0
Unit 5	9.23	92.16	430	321
Total	21.46	194.48		
Nasik				
Unit 3	4.52	41.86	200	180
Unit 4	4.49	32.05	197	170
Unit 5	0.00	0.00	0	0
Total	9.02	73.90		
Uran				
All Units	6.50	58.36	282	264
Total	6.50	58.36		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	1.46	24	0
Total	0.06	1.46		
Koyna				
Stage 1-2	3.62	30.55	375	40
Stage 4	0.60	12.99	200	0
Stage 3	1.18	10.54	160	0
Total	5.40	54.08		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.17	0.17	59	0
BHTGR/VEER	0.09	0.36	4	3
BHIRA T.R.	0.16	1.98	80	0
RNGR+BHTSA	0.00	1.05	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	1.02	9	0
GHATGHAR	1.24	6.56	250	0
Total	1.71	11.13		
Wind				
Total	45.35	348.67	0	0
Total	45.35	348.67		
CPP				
APML(Mus)	57.98	483.34	0	0
JSWEL(Mus)	18.91	165.50	0	0
VIPL(Mus)	12.36	106.79	0	0
RPLAMT(Mus)	15.04	137.59	0	0
WPCL(Mus)	2.84	28.16	0	0
Other(Mus)	4.08	35.17	0	0
Total	111.21	956.55		
SOLAR				
Total	0.83	9.85	0	0
Total	0.83	9.85		
Tata				
Trombay 5	11.49	94.32	491	418
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	17.90	127	114
Trombay 7B	1.63	11.98	71	66
Trombay 8	5.96	51.07	251	246
TATA Hydro	3.72	32.49	428	0
Total	25.65	207.75		
R-INFRA				
1-2	6.85	98.29	517	257
Total	6.85	98.29		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	90.41	898.68
MSPGCL Thml+Gas	96.91	957.05

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.11	65.21
MSPGCL Total	104.02	1022.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.22	43.54
State Total	293.91	2643.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jul/2015

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	3763	48	274	4085	2047	4704	0	4594	4820	-1277	14379	51	14430	2447	16877	49.96
2	3612	48	281	3941	1985	4526	0	4274	4676	-1069	14059	37	14096	2243	16339	49.99
3	3613	48	282	3943	2047	4502	0	4169	4156	-951	13697	37	13734	2110	15844	49.94
4	3650	43	281	3974	1953	4472	0	4184	4235	-900	13734	37	13771	2007	15778	49.96
5	3675	43	281	3999	1923	4483	0	4170	4497	-898	14004	37	14041	2005	16046	49.98
6	3842	204	271	4317	1728	4539	0	4373	4874	-949	14509	42	14551	2070	16621	50.00
7	3941	390	272	4603	1693	4649	2	4909	5112	-960	15099	44	15143	2131	17274	49.96
8	3940	126	273	4339	1745	4642	35	5426	5855	-1100	15516	51	15567	2274	17841	50.01
9	3927	199	268	4394	1886	4552	49	5683	5951	-1376	15456	56	15512	2598	18110	50.03
10	3893	580	269	4742	1958	4657	74	5223	5589	-1432	15588	49	15637	2903	18540	49.99
11	3868	490	269	4627	1947	4640	65	5735	5860	-1559	15580	43	15623	3162	18785	49.99
12	3822	175	264	4261	2013	4654	63	5879	5792	-1706	15077	41	15118	3196	18314	49.99
13	3857	57	266	4180	2064	4683	99	5487	6033	-1692	15367	41	15408	3186	18594	49.99
14	3863	283	267	4413	2094	4737	148	5053	4917	-1607	14702	36	14738	3097	17835	49.97
15	3848	224	265	4337	2107	4620	103	5303	5194	-1654	14707	32	14739	3140	17879	49.87
16	3853	189	265	4307	1959	4643	106	5456	5367	-1657	14725	32	14757	3141	17898	49.96
17	3829	234	268	4331	1948	4588	47	5040	4966	-1636	14244	32	14276	3118	17394	49.92
18	3782	620	265	4667	1861	4608	32	4005	3928	-1605	13491	32	13523	3052	16575	49.99
19	3752	647	268	4667	1844	4756	5	3873	3361	-1459	13174	32	13206	2874	16080	49.98
20	3635	724	270	4629	1767	4726	0	4314	4283	-1366	14039	36	14075	2840	16915	49.89
21	3604	699	271	4574	1731	4626	0	4642	4575	-1391	14115	36	14151	2832	16983	49.98
22	3641	334	270	4245	1615	4702	0	4498	4483	-1320	13725	36	13761	2725	16486	49.92
23	3618	329	270	4217	1736	4770	0	4433	4543	-1255	14011	36	14047	2713	16760	49.93
24	3579	379	270	4228	1700	4728	0	4547	4721	-1209	14168	36	14204	2664	16868	49.98
MUs	90.41	7.11	6.50	104.02	45.35	111.21	0.83	115.27	117.79	-32.03	347.17	0.94	348.11	64.53	412.64	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/Jul/2015

Position as on 6.30 Hrs of 10/Jul/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	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50		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	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
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	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst	
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	
CPP	WPCL U-1	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	
IPP	WPCL U-3	135	04/07/2015	17:45		Continued.	Not schdule.	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
IPP	RPL(AMT) U-1	270	06/07/2015	00.37		Continued.	Furnace Pressure High	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Jul/2015

Position as on 6.30 Hrs of 10/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RINFRA-G	REL Unit 1	250	08/07/2015	01.51	09/07/2015	20.45	BTL.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 4	500	08/07/2015	15.15		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	09/07/2015	19.19		Continued.	ID Fan Problem	
RINFRA-G	REL Unit 1	250	10/07/2015	04.57		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 10/Jul/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							
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	08/07/2015	16.41	09/07/2015	06.30	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	09/07/2015	01.48	09/07/2015	06.40	HT	Over Voltage
Dhule Khandwa I	InterState	09/07/2015	13.07	09/07/2015	17.39	PO	Decapping Inner Insulator end stringing Loc.921
Kolhapur Mapusa I	InterState	09/07/2015	15.17	09/07/2015	19.10	PO	To attend Hot Spot
Dhule Sar'Sarovar II	InterState	09/07/2015	17.39		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	09/07/2015	19.10	10/07/2015	07.26	HT	Over Voltage
Akola Wardha I	InterState	10/07/2015	12.42	10/07/2015	19.39	PO	Isolator maintenance work
Kolhapur Mapusa II	InterState	10/07/2015	16.35		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	06/07/2015	21.32	09/07/2015	16.26	HT	Attending Hot Spot
Karad-Jaigad - I	IntraState	08/07/2015	16.36	09/07/2015	06.44	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/07/2015	17.36	09/07/2015	05.51	HT	Over Voltage
karad -kolhapur-II	IntraState	08/07/2015	18.05	09/07/2015	06.39	HT	Over Voltage
Girwali - Lonikand 1	IntraState	09/07/2015	09.06	09/07/2015	17.14	PO	Testing Work
Lonikand I - Koyna stage-IV	IntraState	09/07/2015	13.29	09/07/2015	19.02	PO	Decapped Insulator string replacement
Babhaleshwar-Taptitanda ckt-II	IntraState	09/07/2015	16.29	09/07/2015	17.29	HT	problem in Line Isolator
karad -kolhapur-II	IntraState	09/07/2015	16.43	10/07/2015	07.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/07/2015	17.16	10/07/2015	06.50	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	09/07/2015	17.32		Continued.	HT	padgha-BBLSR Line Loading
Deepnagar Taptitanda	IntraState	10/07/2015	09.13	10/07/2015	20.21	PO	Line Maintenance work
karad -kolhapur-I	IntraState	10/07/2015	16.41		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/07/2015	16.51		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/07/2015	20.30		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	09/07/2015	12.31	09/07/2015	16.52	EO	String replacement work
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.
Boisar Versova Line	IntraState	05/07/2015	08.08		Continued.	PO	Making LILO for 220KV Viraj S/S
Dahanu Boisar Line	IntraState	05/07/2015	08.32		Continued.	PO	Making LILO for 220KV Viraj S/S
Osmanabad - Solapur (Bale)	IntraState	06/07/2015	15.06		Continued.	HT	For Controlling Rarly ICT Loading.
Chikhli-Jalna-II	IntraState	06/07/2015	16.58		Continued.	HT	For Akola ICT Loading.
Chikhli-Jalna-I	IntraState	06/07/2015	16.58		Continued.	HT	For Akola ICT Loading.
Babhaleshwar - Degaon Rangari	IntraState	08/07/2015	12.21		Continued.	HT	construction of new 220kv chalisgaon Bay by hot line unit
Ranjangaon-Lonikand	IntraState	09/07/2015	03.32	09/07/2015	07.24	T	Distance Protection
Kandalgaon - Koyna	IntraState	09/07/2015	11.30	09/07/2015	19.25	PO	Testing Work
Talandge(400)- Mudshingi 2 Line	IntraState	09/07/2015	11.31	09/07/2015	16.59	PO	Pilot string replacement
Khadka-Chalisgaon-1	IntraState	09/07/2015	14.27	09/07/2015	16.45	T	Distance Protection
Ghatghar - Jindal	IntraState	10/07/2015	09.46	10/07/2015	13.27	PO	Insulator Replacement Work

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/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Urse - Talegaon (Ambi) Ckt 1	IntraState	10/07/2015	11.30	10/07/2015	14.20	T	Bur Bar Prot.operated at Talegaon end
Talegaon (Ambi)-General Motors	IntraState	10/07/2015	11.30	10/07/2015	12.55	T	Bus Bar operated at Talegaon end only
Mahape - Tfipl	IntraState	10/07/2015	13.04	10/07/2015	13.49	EO	Removing Bird Nest on Bus section bay gantry
Parli 3(Old Gcr)-Parli Newtps Ckt 1	IntraState	10/07/2015	13.05	10/07/2015	13.07	T	Bus Bar Prot.operated during TBC Trial
Parli New Tps - Beed Ckt 2	IntraState	10/07/2015	13.05	10/07/2015	13.08	T	Bus Bar Prot.operated during TBC Trial
Nanded - Parli Ext. Ckt I	IntraState	10/07/2015	13.05	10/07/2015	13.09	T	Bus Bar Prot.operated during TBC Trial
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	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
220/100 kv 200 MVA ICT II @Padghe	IntraState	10/07/2015	10.14	10/07/2015	19.40	PO	R Phase CT replacement work