

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jul/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.689	2958.451	1) Gujrat	8.826	121.470
2) Hydro	5.659	244.119	2) Madhya Pradesh	10.542	468.071
3) Gas	6.357	182.529	3) Chattisgarh	3.170	159.060
Total MSPGCL	107.705	3385.099	4) Maharashtra Net	63.085	2850.085
B) 1) APLM	52.160	1450.030	5) Goa	-6.084	-193.490
2) JSWEL	25.027	564.501	6) TAPS 1&2 Injection	2.740	85.061
3) VIPL	4.638	252.779	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.040	375.198	8) Pench (MS)	0.279	4.831
5) WPCL	3.807	90.887	9) Pench (Excess)	-0.279	-4.443
6) Other IPP	2.957	111.759	Total	82.000	3485.814
C) 1) TPCL Thermal	15.566	497.563	a) Mumbai Schedule	22.104	767.775
2) TPCL Hydro	3.118	95.959	b) Mumbai Drawl	26.670	841.791
3) TPCL Gas	1.553	68.859	c) MSEDCL Bilateral *	22.964	1021.507
4) R-INFRA Thermal	11.272	312.792	Include PX	-1.300	194.181
D) STATE			d) Mumbai Bilateral *	22.104	767.775
1) Thermal	228.156	6613.960	Include PX	6.071	162.459
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.777	340.078	H) ENERGY CATERED (MUs)		
3) Gas	7.910	251.388	1) MSEDCL	311.398	10027.601
4) Wind	41.755	1124.962	2) Mumbai Discoms	58.178	1816.965
6) SOLAR	0.979	28.363	TOTAL STATE	369.576	11844.566
TOTAL STATE	287.577	8358.751			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4019	3771	4066	4069
MSPGCL Hydro	331	339	402	90
MSPGCL Gas	265	256	263	273
MSPGCL Total Generation	4615	4366	4731	4432
Central Sector Receipt	3922	3736	4037	2121
WIND	1995	1884	1389	1974
CPP / IPP	4658	4684	4674	4156
SOLAR	82	140	0	0
Exchange with Mumbai	-1409	-1472	-1055	-692
MSEDCL DEMAND MET	13863	13338	13776	11991
Load Shedding	47	43	44	41
MSEDCL DEMAND	13910	13381	13820	12032
TPCL GENERATION	881	992	1043	641
R-INFRA GENERATION	486	516	518	397
MUMBAI DEMAND	2776	2980	2616	1730
STATE DEMAND MET	16639	16318	16392	13721
STATE DEMAND	16686	16361	16436	13762
Frequency (Hz)	49.97	49.97	49.91	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:02 Hrs	49.67 Hz at 19:06 Hrs	49.93	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 30/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.12	43.43	154	0
Unit 6	0.00	0.00	0	0
Unit 7	3.79	96.63	165	150
Total	6.91	140.06		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	111.84	170	155
Unit 4	9.84	265.25	490	375
Unit 5	0.00	259.05	0	0
Total	13.74	636.14		
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	3.46	103.30	153	122
Unit 3	2.73	125.56	198	0
Unit 4	4.23	123.24	185	169
Unit 5	9.36	237.80	420	370
Unit 6	9.06	62.08	410	355
Unit 7	8.59	251.70	384	314
Total	37.42	903.68		
Paras				
Unit 3	5.08	151.93	225	189
Unit 4	5.18	154.64	239	193
Total	10.26	306.57		
Khaparkheda				
Unit 1	3.72	106.22	170	130
Unit 2	3.73	106.26	165	110
Unit 3	1.59	113.93	171	0
Unit 4	3.73	39.30	169	147
Unit 5	9.60	293.38	440	380
Total	22.36	659.08		
Nasik				
Unit 3	0.00	126.82	0	0
Unit 4	4.46	127.61	196	170
Unit 5	0.54	0.54	144	0
Total	5.00	254.96		
Uran				
All Units	6.36	182.53	274	256
Total	6.36	182.53		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.28	4.83	44	0
Total	0.28	4.83		
Koyna				
Stage 1-2	2.42	96.64	390	40
Stage 4	0.09	56.75	86	0
Stage 3	0.72	42.20	160	0
Total	3.22	195.59		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.02	1.68	19	0
TILLARI	0.00	2.25	0	0
BHTGR/VEER	0.08	1.78	4	3
BHIRA T.R.	0.38	8.75	80	0
RNGR+BHTSA	0.00	3.28	0	0
BHANDARDRA	0.76	7.61	36	15
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	1.45	9	0
GHATGHAR	1.13	21.74	187	0
Total	2.44	48.53		
Wind				
Total	41.76	1124.96	0	0
Total	41.76	1124.96		
CPP				
APML(Mus)	52.16	1450.03	0	0
JSWEL(Mus)	25.03	564.50	0	0
VIPL(Mus)	4.64	252.78	0	0
RPLAMT(Mus)	17.04	375.20	0	0
WPCL(Mus)	3.81	90.89	0	0
Other(Mus)	2.96	111.76	0	0
Total	105.63	2845.15		
SOLAR				
Total	0.98	28.36	0	0
Total	0.98	28.36		
Tata				
Trombay 5	10.03	319.00	491	315
Trombay 6	0.00	8.40	0	0
Trombay 7A	1.55	44.62	66	64
Trombay 7B	0.00	24.24	0	0
Trombay 8	5.53	170.16	251	198
TATA Hydro	3.12	95.96	247	0
Total	20.24	662.38		
R-INFRA				
1-2	11.27	312.79	518	395
Total	11.27	312.79		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	95.69	2958.45
MSPGCL Thml+Gas	102.05	3140.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.66	244.12
MSPGCL Total	107.70	3385.10

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.51	153.39
State Total	287.58	8358.75

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jul/2015

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	3983	105	273	4361	2093	4496	0	3215	2601	-984	12567	65	12632	1959	14591	49.96
2	4040	81	273	4394	1960	4372	0	2765	2573	-804	12495	41	12536	1810	14346	49.96
3	4069	90	273	4432	1974	4156	0	2612	2121	-692	11991	41	12032	1730	13762	49.92
4	4049	80	273	4402	1952	4225	0	2571	2186	-640	12125	41	12166	1665	13831	49.96
5	4027	80	274	4381	1955	4208	0	2763	2400	-678	12266	41	12307	1665	13972	49.95
6	4052	90	265	4407	1876	4059	0	3240	3154	-771	12725	41	12766	1759	14525	49.97
7	4092	84	262	4438	1859	4521	8	3583	3634	-929	13531	43	13574	1911	15485	49.96
8	4129	79	262	4470	1740	4710	33	3670	3869	-1108	13714	45	13759	2105	15864	49.94
9	4127	146	261	4534	1995	4641	53	3747	4084	-1272	14035	45	14080	2435	16515	49.96
10	4019	331	265	4615	1995	4658	82	4014	3922	-1409	13863	47	13910	2776	16686	49.97
11	3929	292	265	4486	1835	4687	103	4082	4005	-1481	13635	47	13682	2981	16663	49.98
12	3850	257	262	4369	1820	4635	106	3917	4003	-1476	13457	45	13502	2981	16483	49.96
13	3771	339	256	4366	1884	4684	140	3625	3736	-1472	13338	43	13381	2980	16361	49.97
14	3730	129	257	4116	1868	4595	137	3866	3682	-1422	12976	46	13022	2860	15882	49.99
15	3768	84	258	4110	1788	4330	126	3945	3818	-1412	12760	49	12809	2872	15681	49.88
16	3842	251	257	4350	1758	3870	89	3718	4205	-1341	12931	49	12980	2861	15841	49.93
17	3898	543	260	4701	1716	3920	64	3295	3832	-1338	12895	46	12941	2876	15817	49.80
18	3938	499	262	4699	1621	3840	32	2972	3213	-1284	12121	44	12165	2823	14988	49.93
19	3944	344	268	4556	1502	4108	6	3130	2967	-1223	11916	44	11960	2745	14705	49.94
20	4010	587	266	4863	1363	4425	0	3842	3945	-1158	13438	44	13482	2723	16205	49.84
21	4066	402	263	4731	1389	4674	0	3844	4037	-1055	13776	44	13820	2616	16436	49.91
22	4130	409	268	4807	1222	4629	0	3379	3241	-970	12929	44	12973	2479	15452	49.88
23	4130	208	267	4605	1267	4574	0	3312	3300	-924	12822	44	12866	2354	15220	49.88
24	4096	149	267	4512	1323	4612	0	3301	3472	-827	13092	44	13136	2213	15349	49.98
MUs	95.69	5.66	6.36	107.70	41.75	105.63	0.98	82.41	82.00	-26.67	311.40	1.08	312.48	58.18	370.66	49.93

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 30/Jul/2015

Position as on 6.30 Hrs of 31/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.	Refueling work	
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50	30/07/2015	14.10	Annual Overhaul	
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	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	
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	27/07/2015	13.48	30/07/2015	11.07	Furnace Metal Temp.High.	
IPP	WPCL U-3	135	28/07/2015	08.07		Continued.	filter problem	
MSPGCL	Nasik Unit 3	210	28/07/2015	14.55		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jul/2015

Position as on 6.30 Hrs of 31/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	29/07/2015	18.09	30/07/2015	13.40	ID Fan Problem	
MSPGCL	Chandrapur Unit 3	210	30/07/2015	09.36	30/07/2015	16.11	Furnace Pressure High	
MSPGCL	Koradi Unit 5	200	30/07/2015	11.44	30/07/2015	13.47	valve jammed pressure low	
MSPGCL	Nasik Unit 5	210	30/07/2015	16.20	30/07/2015	19.50	Due to H2 Booster Pump Flash over at Turb borad Panel.	
CPP	WPCL U-1	135	31/07/2015	10.02		Continued.	Less Export Schedule.	
MSPGCL	Nasik Unit 5	210	31/07/2015	11.30	31/07/2015	12.58	Boiler Tripped.	
RINFRA-G	REL Unit 1	250	31/07/2015	17.16		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	31/07/2015	22.01		Continued.	Bearing vibration high	
MSPGCL	Uran Unit 5	108	31/07/2015	22.18		Continued.	Bearing vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 31/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/07/2015	10.55		Continued.	T	For Replacement of BHEL make smoothening Reactor (Outage upto 4.8.15)
Chandrapur - Padghe Hvdc Pole 1	IntraState	30/07/2015	23.17	31/07/2015	00.34	HT	Attending Hot Spot
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	29/07/2015	17.14	30/07/2015	06.52	HT	Over Voltage
Kolhapur Mapusa II	InterState	29/07/2015	17.54	30/07/2015	07.25	HT	Over Voltage
Chandrapur Bhadravati III	InterState	30/07/2015	09.52	30/07/2015	19.47	PO	Insulator Replacement Work
Chandrapur Bhadravati IV	InterState	30/07/2015	10.20	30/07/2015	19.51	PO	Replacement work
Padgha - Boisar (PG)	InterState	30/07/2015	15.26	30/07/2015	15.47	T	tripped at boiser end only
Kolhapur Mapusa II	InterState	30/07/2015	16.41	31/07/2015	08.20	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/07/2015	18.24	31/07/2015	08.05	HT	Over Voltage
Parli(MS)-Parli (PG) I	InterState	31/07/2015	11.27	31/07/2015	17.29	PO	Shifted Through TBC.
Kolhapur Mapusa II	InterState	31/07/2015	16.50		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	31/07/2015	22.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	29/07/2015	16.33	30/07/2015	09.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/07/2015	23.14	30/07/2015	06.49	HT	Over Voltage
Chandrapur-Parali III	IntraState	30/07/2015	13.34	30/07/2015	19.34	PO	Attending Hot Spot
karad -kolhapur-II	IntraState	30/07/2015	16.38	31/07/2015	09.33	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/07/2015	16.41	31/07/2015	10.30	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/07/2015	21.10	31/07/2015	06.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/07/2015	21.24	31/07/2015	08.24	HT	Over Voltage
Padghe - Kharghar	IntraState	31/07/2015	06.04	31/07/2015	12.10	HT	Testing Work (Line Charged Through TBC).
Taptitanda Waluj	IntraState	31/07/2015	08.52	31/07/2015	19.07	PO	Routine Maintenance Work
Main Bus - I @ Deepnagar	IntraState	31/07/2015	10.05	31/07/2015	19.51	PO	Erection of CT,CB,IPS Tube Between Main Bus-I.
Khadka- Deepnagar Ckt 2	IntraState	31/07/2015	10.16	31/07/2015	20.15	PO	Erection of CT,CB,IPS Tube Between Main Bus-I.
karad -kolhapur-I	IntraState	31/07/2015	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/07/2015	17.11		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/07/2015	20.40		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/07/2015	22.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	30/07/2015	10.00	30/07/2015	15.15	PO	relay testing work
400/220/33 Kv 105 Mva Spare Ict 1 @Akola	IntraState	30/07/2015	10.10	30/07/2015	16.45	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	30/07/2015	09.57	30/07/2015	20.27	PO	faulty 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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Butibori - VIPL Ckt II	IntraState	29/07/2015	01.37		Continued.	HT	DC leakage work
Osmanabad - Solapur (Bale)	IntraState	29/07/2015	19.37		Continued.	HT	load taken on tbc

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 30/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 31/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Taloja II - OCIL-I	IntraState	30/07/2015	10.43	30/07/2015	16.15	PO	Replacement work
Pedhambe - Oni	IntraState	30/07/2015	11.44	30/07/2015	12.11	T	Distance Protection
Lamboti-Vita	IntraState	31/07/2015	04.28	31/07/2015	04.46	T	Distance Protection
Lonikand - Bhosari	IntraState	31/07/2015	13.10	31/07/2015	15.02	EO	To Attend Hot Spot on Bus Isolator.
Chalisgaon -Babhaleshwar	IntraState	31/07/2015	18.32		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
132 KV LINE Outages/Trippings							
Nanded - Kandhar	IntraState	31/07/2015	21.03	31/07/2015	21.30	T	Distance Protection Operated Zone-I R Phase.