

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jul/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.651	1262.144	1) Gujrat	5.349	48.777
2) Hydro	21.607	117.892	2) Madhya Pradesh	18.296	198.560
3) Gas	6.521	84.383	3) Chattisgarh	5.790	71.680
Total MSPGCL	121.779	1464.419	4) Maharashtra Net	117.716	1264.004
B) 1) APML	52.490	705.640	5) Goa	-6.623	-88.372
2) JSWEL	20.427	237.879	6) TAPS 1&2 Injection	2.844	37.442
3) VIPL	13.105	158.748	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	11.820	191.284	8) Pench (MS)	0.394	2.166
5) WPCL	2.732	37.744	9) Pench (Excess)	-0.394	-1.908
6) Other IPP	4.556	52.530	Total	142.978	1530.183
C) 1) TPCL Thermal	19.571	217.429	a) Mumbai Schedule	32.085	360.131
2) TPCL Hydro	3.974	43.089	b) Mumbai Drawl	30.910	374.817
3) TPCL Gas	3.902	46.728	c) MSEDCL Bilateral *	40.938	422.456
4) R-INFRA Thermal	6.196	124.367	Include PX	15.964	93.520
D) STATE			d) Mumbai Bilateral *	32.085	360.131
1) Thermal	224.548	2987.765	Include PX	6.879	49.038
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	25.581	160.981	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.423	131.111	1) MSEDCL	361.720	4504.266
4) Wind	21.641	484.934	2) Mumbai Discoms	64.556	806.436
6) SOLAR	1.102	13.814	TOTAL STATE	426.276	5310.702
TOTAL STATE	283.295	3778.605			

* 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 5 Hrs
MSPGCL Thermal	3822	3911	3930	3963
MSPGCL Hydro	1621	1565	667	52
MSPGCL Gas	270	270	270	273
MSPGCL Total Generation	5713	5746	4867	4288
Central Sector Receipt	7079	7034	5817	4725
WIND	394	362	1324	1191
CPP / IPP	4611	4611	4051	4611
SOLAR	135	143	0	0
Exchange with Mumbai	-1749	-1630	-1269	-849
MSEDCL DEMAND MET	16183	16266	14790	13966
Load Shedding	560	640	96	45
MSEDCL DEMAND	16743	16906	14886	14011
TPCL GENERATION	1219	1309	1268	888
R-INFRA GENERATION	258	258	259	258
MUMBAI DEMAND	3226	3197	2796	1995
STATE DEMAND MET	19409	19463	17586	15961
STATE DEMAND	19969	20103	17682	16006
Frequency (Hz)	49.82	49.92	49.88	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 12.02 Hrs	49.57 Hz at 14.38 Hrs	49.89	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 13/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	17.13	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.46	34.87	160	130
Total	3.46	52.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	53.22	176	160
Unit 4	11.66	102.31	500	460
Unit 5	11.39	111.70	500	430
Total	27.09	267.23		
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	3.54	45.11	151	141
Unit 3	4.49	56.09	197	150
Unit 4	4.32	53.24	185	171
Unit 5	0.00	93.36	0	0
Unit 6	0.00	0.00	0	0
Unit 7	9.08	113.06	408	350
Total	21.43	360.86		
Paras				
Unit 3	5.65	66.94	246	226
Unit 4	5.74	66.44	258	215
Total	11.39	133.38		
Khaparkheda				
Unit 1	3.40	47.76	180	115
Unit 2	3.52	48.66	165	135
Unit 3	4.33	51.64	193	162
Unit 4	0.00	0.00	0	0
Unit 5	9.91	131.57	482	365
Total	21.16	279.63		
Nasik				
Unit 3	4.58	60.56	205	175
Unit 4	4.53	50.51	199	165
Unit 5	0.00	0.00	0	0
Total	9.12	111.08		
Uran				
All Units	6.52	84.38	275	269
Total	6.52	84.38		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.39	2.17	47	0
Total	0.39	2.17		
Koyna				
Stage 1-2	7.58	52.08	475	40
Stage 4	9.48	30.65	760	0
Stage 3	3.78	19.36	320	0
Total	20.84	102.09		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.18	0.55	62	0
BHTGR/VEER	0.08	0.70	4	3
BHIRA T.R.	0.17	2.84	80	0
RNGR+BHTSA	0.22	1.88	9	8
BHANDARDRA	0.06	0.06	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	1.24	9	0
GHATGHAR	0.00	8.53	0	0
Total	0.76	15.80		
Wind				
Total	21.64	484.93	0	0
Total	21.64	484.93		
CPP				
APML(Mus)	52.49	705.64	0	0
JSWEL(Mus)	20.43	237.88	0	0
VIPL(Mus)	13.10	158.75	0	0
RPLAMT(Mus)	11.82	191.28	0	0
WPCL(Mus)	2.73	37.74	0	0
Other(Mus)	4.56	52.53	0	0
Total	105.13	1383.82		
SOLAR				
Total	1.10	13.81	0	0
Total	1.10	13.81		
Tata				
Trombay 5	11.71	140.71	492	474
Trombay 6	1.91	1.91	190	0
Trombay 7A	2.41	28.48	116	76
Trombay 7B	1.49	18.25	67	54
Trombay 8	5.96	74.82	251	245
TATA Hydro	3.97	43.09	306	0
Total	27.45	307.25		
R-INFRA				
1-2	6.20	124.37	259	251
Total	6.20	124.37		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	93.65	1262.14
MSPGCL Thml+Gas	100.17	1346.53

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	21.61	117.89
MSPGCL Total	121.78	1464.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	17.06	82.73
State Total	283.30	3778.60

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 13/Jul/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	3978	303	275	4556	1173	4514	0	4620	5453	-1195	14501	59	14560	2369	16929	49.95
2	3942	397	275	4614	1108	4562	0	4373	5087	-999	14372	45	14417	2177	16594	50.00
3	3976	497	274	4747	1190	4548	0	4248	4581	-924	14142	45	14187	2074	16261	49.99
4	3960	144	273	4377	1308	4526	0	4236	4753	-891	14073	45	14118	2017	16135	49.98
5	3963	52	273	4288	1191	4611	0	4172	4725	-849	13966	45	14011	1995	16006	49.92
6	3973	371	272	4616	983	4675	0	4680	5326	-777	14823	75	14898	2035	16933	49.84
7	3987	671	272	4930	775	4673	3	5220	5882	-863	15400	95	15495	2110	17605	49.90
8	4007	846	273	5126	702	4764	31	5493	6466	-1056	16033	119	16152	2263	18415	49.93
9	3968	1115	274	5357	587	4745	78	5710	6399	-1279	15887	132	16019	2573	18592	49.84
10	3843	1354	269	5466	627	4627	103	5833	6877	-1472	16228	137	16365	2926	19291	49.88
11	3825	1611	270	5706	515	4595	123	5910	7257	-1698	16498	267	16765	3172	19937	49.86
12	3822	1621	270	5713	394	4611	135	6064	7079	-1749	16183	560	16743	3226	19969	49.82
13	3911	1565	270	5746	362	4611	143	5898	7034	-1630	16266	640	16906	3197	20103	49.92
14	3899	1564	271	5734	365	4575	133	5566	6420	-1509	15718	613	16331	3102	19433	49.87
15	3822	1546	272	5640	400	4477	126	5622	6625	-1579	15689	893	16582	3192	19774	49.74
16	3843	1318	270	5431	550	4479	102	5927	6209	-1613	15158	1174	16332	3235	19567	49.90
17	3763	1376	272	5411	717	4169	79	5961	6282	-1575	15083	766	15849	3195	19044	49.85
18	3816	1151	272	5239	1025	3808	38	5591	6168	-1482	14796	465	15261	3087	18348	49.94
19	3837	881	270	4988	1343	3978	8	5093	5250	-1322	14245	59	14304	2888	17192	49.88
20	3959	570	270	4799	1413	3847	0	5135	5476	-1284	14251	96	14347	2862	17209	49.74
21	3930	667	270	4867	1324	4051	0	5353	5817	-1269	14790	96	14886	2796	17682	49.88
22	3906	362	270	4538	1244	3916	0	5190	6016	-1272	14442	83	14525	2686	17211	49.82
23	3881	619	272	4772	1206	3885	0	5067	5959	-1384	14438	42	14480	2748	17228	49.89
24	3840	1006	272	5118	1139	3883	0	4990	5836	-1239	14737	42	14779	2628	17407	49.92
MUs	93.65	21.61	6.52	121.78	21.64	105.13	1.10	125.95	142.98	-30.91	361.72	6.59	368.31	64.55	432.87	49.89

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 13/Jul/2015

Position as on 6.30 Hrs of 14/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	13/07/2015	11.50	Economic Shutdown.	
MSPGCL	Koyana 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	
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	
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.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Koradi Unit 5	200	09/07/2015	19.19		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Jul/2015

Position as on 6.30 Hrs of 14/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	10/07/2015	04.57		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	11/07/2015	04.43		Continued.	Boiler Tube Leakage	
CPP	WPCL U-4	135	11/07/2015	06.58		Continued.	ID Fan Vibration High	
CPP	WPCL U-1	135	12/07/2015	10.01	13/07/2015	22.14	NO PPA.	
IPP	Adani U-4	660	13/07/2015	17.14		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-3	270	14/07/2015	03.55		Continued.	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 14/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG - Aurangabad PG IV	InterState	13/07/2015	07.19		Continued.	HT	To Control Padhga-BBLR Line Loading.
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	12/07/2015	16.22	13/07/2015	06.20	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	12/07/2015	18.19	13/07/2015	05.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/07/2015	21.17		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	13/07/2015	17.12		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	09/07/2015	17.32		Continued.	HT	padgha-BBLSR Line Loading
karad -kolhapur-I	IntraState	12/07/2015	16.06	13/07/2015	08.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/07/2015	16.10	13/07/2015	08.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/07/2015	18.00	13/07/2015	06.21	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2015	18.00	13/07/2015	06.21	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	13/07/2015	00.51	13/07/2015	13.46	T	Distance Protection
Karad - Lonikand 1	IntraState	13/07/2015	06.34	13/07/2015	07.02	T	Distance Protection
Babhaleshwar-Taptitanda ckt-II	IntraState	13/07/2015	09.24	13/07/2015	17.31	HT	Over Voltage
karad -kolhapur-I	IntraState	13/07/2015	16.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/07/2015	17.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/07/2015	17.45		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/07/2015	02.02		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	14/07/2015	03.35		Continued.	T	Distance Protection
Padghe - Talegaon (PG)	IntraState	14/07/2015	05.59		Continued.	T	Distance Protection
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	13/07/2015	11.37	13/07/2015	12.05	T	Distance Protection
Borivali - Tarapur	InterState	13/07/2015	12.32	13/07/2015	13.21	T	Distance Protection
Borivali - Tarapur	InterState	13/07/2015	14.45	13/07/2015	14.58	HT	As Per WRLDC Instructions to control OD.
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 Early 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
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Pedambe-Pophali	IntraState	13/07/2015	08.50	13/07/2015	14.05	PO	B-Ph CT Vertical Conductor found cut and Unwound.
Deoli(Pgcil)-Badnera	IntraState	13/07/2015	14.00	13/07/2015	15.11	HT	As Per WRLDC Instructions to control OD.
Arey - TPC Borivali	IntraState	14/07/2015	01.38	14/07/2015	03.05	PO	To Attending Hot Spot at Borivali Gangry.

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 13/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 14/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22kv 40 Mva Cgl Ptr 1 @Sicom	IntraState	11/07/2015	14.00		Continued.	PO	Cable Replacement & CT,PT Replacement Work.