

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.245	3357.343	1) Gujrat	5.109	80.754
2) Hydro	11.139	255.137	2) Madhya Pradesh	15.044	380.497
3) Gas	6.534	168.839	3) Chattisgarh	6.480	138.250
Total MSPGCL	132.918	3781.319	4) Maharashtra Net	87.085	2519.081
B) 1) APML	57.470	1556.170	5) Goa	-7.052	-196.606
2) JSWEL	14.018	472.332	6) TAPS 1&2 Injection	2.669	72.918
3) VIPL	11.923	303.562	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	12.290	180.620	8) Pench (MS)	0.268	3.068
5) WPCL	3.999	147.578	9) Pench (Excess)	-0.268	-2.177
6) Other IPP	3.885	137.955	Total	109.067	2992.717
C) 1) TPCL Thermal	16.189	419.747	a) Mumbai Schedule	24.692	722.095
2) TPCL Hydro	4.598	116.330	b) Mumbai Drawl	25.409	849.341
3) TPCL Gas	3.789	83.122	c) MSEDCL Bilateral *	28.229	757.092
4) R-INFRA Thermal	12.364	309.617	Include PX	0.577	-68.686
D) STATE			d) Mumbai Bilateral *	24.692	718.645
1) Thermal	247.383	6884.924	Include PX	2.725	47.014
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro	15.737	371.467	H) ENERGY CATERED (MUs)		
3) Gas	10.323	251.961	1) MSEDCL	342.372	9493.462
4) Wind	21.371	739.310	2) Mumbai Discoms	62.345	1778.126
6) SOLAR	0.840	28.998	TOTAL STATE	404.717	11271.588
TOTAL STATE	295.654	8276.660			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4843	4899	4600	4813
MSPGCL Hydro	1194	1213	106	45
MSPGCL Gas	265	263	270	283
MSPGCL Total Generation	6302	6375	4976	5141
Central Sector Receipt	5382	5082	4498	4099
WIND	685	643	1033	511
CPP / IPP	4271	4287	4411	4372
SOLAR	121	95	0	0
Exchange with Mumbai	-1287	-1327	-993	-781
MSEDCL DEMAND MET	15474	15155	13925	13342
Load Shedding	39	37	33	37
MSEDCL DEMAND	15513	15192	13958	13379
TPCL GENERATION	1226	1226	1161	626
R-INFRA GENERATION	511	516	517	516
MUMBAI DEMAND	3024	3069	2671	1923
STATE DEMAND MET	18498	18224	16596	15265
STATE DEMAND	18537	18261	16629	15302
Frequency (Hz)	49.94	49.91	49.92	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06:04 Hrs	49.78 Hz at 19:46 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 30/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.38	87.41	153	122
Unit 6	0.00	0.00	0	0
Unit 7	3.89	76.90	175	150
Total	7.27	164.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.17	73.50	180	170
Unit 4	10.96	283.68	510	380
Unit 5	9.86	253.86	465	365
Total	25.00	611.04		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.59	106.58	155	146
Unit 6	0.00	115.43	0	0
Unit 7	5.41	141.33	245	202
Total	9.01	410.32		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.50	94.78	157	137
Unit 3	4.25	108.77	200	159
Unit 4	3.20	116.30	180	0
Unit 5	9.24	251.74	411	364
Unit 6	0.00	84.60	0	0
Unit 7	8.37	213.91	396	287
Total	28.56	870.10		
Paras				
Unit 3	5.02	146.90	234	189
Unit 4	5.04	147.96	233	178
Total	10.06	294.86		
Khaparkheda				
Unit 1	3.66	82.01	185	0
Unit 2	4.03	104.72	180	150
Unit 3	2.84	113.47	167	0
Unit 4	0.00	72.34	0	0
Unit 5	11.40	259.84	500	420
Total	21.93	632.38		
Nasik				
Unit 3	4.56	134.90	210	180
Unit 4	4.53	105.49	200	180
Unit 5	4.32	133.94	197	78
Total	13.41	374.33		
Uran				
All Units	6.53	168.84	285	260
Total	6.53	168.84		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.27	3.07	50	0
Total	0.27	3.07		
Koyna				
Stage 1-2	4.26	92.12	490	40
Stage 4	3.81	55.05	560	0
Stage 3	1.88	40.99	240	0
Total	9.95	188.16		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.00	9.50	0	0
TILLARI	0.00	4.79	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	8.19	41	0
RNGR+BHTSA	0.12	4.20	10	1
BHANDARDRA	0.20	3.14	43	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.15	5.86	13	3
GHATGHAR	0.24	24.28	125	0
Total	1.18	66.98		
Wind				
Total	21.37	739.31	0	0
Total	21.37	739.31		
CPP				
APML(Mus)	57.47	1556.17	0	0
JSWEL(Mus)	14.02	472.33	0	0
VIPL(Mus)	11.92	303.56	0	0
RPLAMT(Mus)	12.29	180.62	0	0
WPCL(Mus)	4.00	147.58	0	0
Other(Mus)	3.88	137.96	0	0
Total	103.58	2798.22		
SOLAR				
Total	0.84	29.00	0	0
Total	0.84	29.00		
Tata				
Trombay 5	10.50	251.81	491	314
Trombay 6	0.00	13.80	0	0
Trombay 7A	2.34	47.34	115	59
Trombay 7B	1.45	35.78	67	47
Trombay 8	5.69	154.14	251	201
TATA Hydro	4.60	116.33	416	0
Total	24.58	619.20		
R-INFRA				
1-2	12.36	309.62	518	511
Total	12.36	309.62		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.24	3357.34
MSPGCL Thml+Gas	121.78	3526.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.14	255.14
MSPGCL Total	132.92	3781.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	8.07	147.17
State Total	295.65	8276.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jun/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	4744	151	283	5178	990	4286	0	4183	4298	-1135	13617	52	13669	2326	15995	49.95
2	4782	49	285	5116	875	4285	0	4049	4327	-980	13623	37	13660	2122	15782	49.97
3	4827	90	283	5200	718	4264	0	3586	4063	-865	13380	37	13417	2006	15423	49.97
4	4828	185	285	5298	608	4256	0	3605	4003	-797	13368	37	13405	1937	15342	49.99
5	4813	45	283	5141	511	4372	0	4039	4099	-781	13342	37	13379	1923	15302	50.00
6	4924	210	284	5418	610	4334	0	4089	4688	-839	14211	38	14249	1998	16247	49.97
7	4994	897	284	6175	457	4303	4	4110	4805	-758	14986	38	15024	2101	17125	50.01
8	5077	1207	273	6557	507	4274	22	4202	4651	-737	15274	38	15312	2227	17539	49.99
9	4970	1145	272	6387	623	4348	53	4499	4803	-803	15411	41	15452	2478	17930	49.95
10	4875	974	271	6120	668	4335	82	5044	5113	-1080	15238	41	15279	2803	18082	49.94
11	4843	1194	265	6302	685	4271	121	5180	5382	-1287	15474	39	15513	3024	18537	49.94
12	4837	1349	267	6453	557	4381	99	5155	5202	-1353	15339	37	15376	3090	18466	49.92
13	4899	1213	263	6375	643	4287	95	5047	5082	-1327	15155	37	15192	3069	18261	49.91
14	4993	742	263	5998	817	4306	111	4870	5247	-1319	15160	33	15193	2992	18185	49.94
15	5006	362	260	5628	1172	4437	89	4958	4924	-1286	14964	33	14997	3051	18048	49.90
16	4872	219	263	5354	1420	4365	69	5024	4709	-1252	14665	33	14698	3040	17738	49.93
17	4712	95	265	5072	1493	4515	59	4663	4611	-1205	14545	33	14578	3034	17612	49.97
18	4649	96	267	5012	1455	4185	30	4065	4117	-1225	13574	33	13607	2956	16563	49.98
19	4650	138	267	5055	1345	4130	6	3805	3595	-1182	12949	33	12982	2827	15809	49.99
20	4646	146	271	5063	1210	4079	0	4337	4217	-1076	13493	33	13526	2794	16320	49.91
21	4757	309	269	5335	1112	4293	0	4333	4055	-1033	13762	33	13795	2780	16575	49.91
22	4600	106	270	4976	1033	4411	0	4318	4498	-993	13925	33	13958	2671	16629	49.92
23	4548	107	269	4924	981	4446	0	4376	4221	-1028	13544	33	13577	2589	16166	49.91
24	4399	110	272	4781	881	4422	0	4296	4357	-1068	13373	33	13406	2511	15917	49.96
MUs	115.24	11.14	6.53	132.92	21.37	103.58	0.84	105.83	109.07	-25.41	342.37	0.87	343.24	62.35	405.59	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 30/Jun/2015

Position as on 6.30 Hrs of 01/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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
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	
IPP	RPL(AMT) U-2	270	30/05/2015	06.53	30/06/2015	12.57	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	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	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	RPL(AMT) U-4	270	26/06/2015	11.53		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 3	210	28/06/2015	17.48	30/06/2015	04.58	Boiler Tube Leakage	
MSPGCL	Koyana Unit 11	80	29/06/2015	10.00		Continued.	LA BUST	
MSPGCL	Chandrapur Unit 4	210	30/06/2015	08.25	30/06/2015	12.23	Due To Turbine Problem	

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

Position as on 6.30 Hrs of 01/Jul/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	30/06/2015	21.11	30/06/2015	01.36	Due to Drum Leve High.	
MSPGCL	Koradi Unit 5	200	01/07/2015	02.25		Continued.	ID Fan Problem	

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

Statement-VII

Position as on 6.30 Hrs of 01/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I @ Aurangabad	IntraState	30/06/2015	09.53		Continued.	PO	OLTC and Fire fight System Comm. work at A'bad.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/06/2015	12.52		Continued.	T	Convertor transformer diff prot optd.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar I	InterState	26/06/2015	17.16	30/06/2015	08.59	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	29/06/2015	09.51	30/06/2015	06.52	PO	Distance Relay Testing Work
Kolhapur Mapusa II	InterState	29/06/2015	17.20	30/06/2015	09.06	HT	Over Voltage
Padgha Tarapur II	InterState	30/06/2015	09.20	30/06/2015	19.20	PO	H/Erection & Comm. of L/Reactor at Wrts-1.
Kolhapur Mapusa I	InterState	30/06/2015	16.48	01/07/2015	07.19	HT	Over Voltage
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/06/2015	17.40		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05	30/06/2015	12.19	PO	Outage (RFC 16.07Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	23/06/2015	16.53		Continued.	PO	E/W restringing work.
karad -kolhapur-I	IntraState	29/06/2015	16.01	30/06/2015	07.46	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/06/2015	16.40	30/06/2015	08.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/06/2015	18.06	30/06/2015	09.10	HT	Over Voltage
karad -kolhapur-II	IntraState	30/06/2015	16.35		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/06/2015	16.39	01/07/2015	05.40	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/06/2015	18.01	01/07/2015	06.09	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	01/07/2015	02.03		Continued.	T	Distance Protection
Jaigad-New Koyna Ckt-II	IntraState	01/07/2015	05.04	01/07/2015	06.02	T	DT receive koyna end.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10		Continued.	PO	LV Side Taken on TBC Bay Work.
400/220/33 Kv 315 MVA ICT II @Chandrapur	IntraState	21/06/2015	20.45		Continued.	T	Differential protection
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	26/06/2015	19.43		Continued.	T	Tripped due to Fire at LV side
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	01/07/2015	02.05	01/07/2015	05.28	T	Tripped on PRV.
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.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	26/06/2015	20.29		Continued.	T	Breaker trouble indication
Kandalgaon - Koyna	IntraState	27/06/2015	20.25		Continued.	T	Distance Protection
Parvati - Hybrid Pass	IntraState	30/06/2015	09.34		Continued.	HT	Over Voltage
Vita - Miraj	IntraState	30/06/2015	09.53	30/06/2015	15.04	PO	Routine Maintenance Work
Vita - Miraj	IntraState	30/06/2015	23.56	01/07/2015	02.53	T	Distance Protection
Karad - Vita Ckt- II	IntraState	01/07/2015	00.06		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							

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/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 01/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 @Trombay	IntraState	28/06/2015	20.33		Continued.	PO	Attending Oil Leakage
220/100 Kv 200 MVA ICT I @Pal- Dombivali	IntraState	30/06/2015	12.50	30/06/2015	13.20	PO	For Removal of Steel Wire from Gantry.