

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Oct/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.152	1992.022	1) Gujrat	5.847	96.294
2) Hydro	19.592	194.077	2) Madhya Pradesh	14.035	199.903
3) Gas	10.225	147.184	3) Chattisgarh	5.380	74.790
Total MSPGCL	137.969	2333.283	4) Maharashtra Net	115.907	1725.739
B) 1) APML	57.540	941.230	5) Goa	-7.732	-131.253
2) JSWEL	26.756	473.255	6) TAPS 1&2 Injection	3.598	60.442
3) VIPL	13.113	204.864	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.940	357.940	8) Pench (MS)	0.991	11.239
5) WPCL	4.836	77.566	9) Pench (Excess)	-0.991	-11.239
6) Other IPP	3.729	53.132	Total	136.044	2014.676
C) 1) TPCL Thermal	17.543	288.963	a) Mumbai Schedule	27.936	447.405
2) TPCL Hydro	2.730	44.262	b) Mumbai Drawl	31.108	506.958
3) TPCL Gas	3.347	68.341	c) MSEDCL Bilateral *	44.520	528.956
4) R-INFRA Thermal	12.380	192.197	Include PX	12.648	19.837
D) STATE			d) Mumbai Bilateral *	27.936	444.042
1) Thermal	267.989	4581.169	Include PX	6.763	101.751
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro (A2+C2)	22.322	238.339	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	13.572	215.525	1) MSEDCL	379.301	6050.202
4) Wind	5.306	82.114	2) Mumbai Discoms	67.108	1100.706
6) SOLAR	1.176	19.100	TOTAL STATE	446.409	7150.908
TOTAL STATE	310.365	5136.247			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4505	4572	4770	4261
MSPGCL Hydro	1482	1376	849	116
MSPGCL Gas	415	392	423	438
MSPGCL Total Generation	6402	6340	6042	4815
Central Sector Receipt	6414	6528	5602	4830
WIND	177	199	128	401
CPP / IPP	5337	5329	5483	5398
SOLAR	159	184	0	0
Exchange with Mumbai	-1463	-1521	-1502	-954
MSEDCL DEMAND MET	17026	17059	15753	14490
Load Shedding	315	367	173	152
MSEDCL DEMAND	17341	17426	15926	14642
TPCL GENERATION	1175	1149	1133	764
R-INFRA GENERATION	510	513	516	518
MUMBAI DEMAND	3148	3183	3151	2236
STATE DEMAND MET	20174	20242	18904	16726
STATE DEMAND	20489	20609	19077	16878
Frequency (Hz)	49.89	49.89	49.95	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 10.00 Hrs	49.6 Hz at 18.21 Hrs	49.9	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 17/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.73	51.00	128	100
Unit 6	0.00	0.00	0	0
Unit 7	3.51	58.58	165	130
Total	6.24	109.58		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.76	66.00	160	150
Unit 4	10.92	181.44	500	405
Unit 5	11.16	188.12	530	400
Total	25.84	435.56		
Parli				
Unit 3	0.00	0.00	0	0
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 1	0.00	0.00	0	0
Unit 2	3.21	55.31	137	131
Unit 3	4.73	78.40	201	186
Unit 4	4.61	77.50	197	186
Unit 5	0.00	100.33	0	0
Unit 6	10.37	139.14	447	420
Unit 7	0.00	130.73	0	0
Total	22.92	581.41		
Paras				
Unit 3	5.26	79.86	229	206
Unit 4	5.85	80.77	257	231
Total	11.11	160.62		
Khaparkheda				
Unit 1	3.96	53.35	180	140
Unit 2	4.14	61.14	185	155
Unit 3	0.00	62.22	0	0
Unit 4	0.00	38.61	0	0
Unit 5	10.36	157.35	486	383
Total	18.46	372.67		
Nasik				
Unit 3	4.54	76.27	200	170
Unit 4	4.40	48.35	190	171
Unit 5	4.64	77.61	199	184
Total	13.59	202.23		
Uran				
All Units	10.22	147.18	441	392
Total	10.22	147.18		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.99	11.24	45	35
Total	0.99	11.24		
Koyna				
Stage 1-2	5.83	65.97	515	40
Stage 4	9.43	68.07	1006	0
Stage 3	3.05	27.26	320	0
Total	18.31	161.31		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	3.39	80	0
RNGR+BHTSA	0.26	1.61	16	0
BHANDARDRA	0.48	7.71	32	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	3.25	12	2
GHATGHAR	0.00	14.22	0	0
Total	1.28	32.77		
Wind				
Total	5.31	82.11	0	0
Total	5.31	82.11		
CPP				
APML(Mus)	57.54	941.23	0	0
JSWEL(Mus)	26.76	473.26	0	0
VIPL(Mus)	13.11	204.86	0	0
RPLAMT(Mus)	23.94	357.94	0	0
WPCL(Mus)	4.84	77.57	0	0
Other(Mus)	3.73	53.13	0	0
Total	129.91	2107.99		
SOLAR				
Total	1.18	19.10	0	0
Total	1.18	19.10		
Tata				
Trombay 5	11.65	189.22	492	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	42.83	117	0
Trombay 7B	1.14	25.51	67	0
Trombay 8	5.89	99.74	249	242
TATA Hydro	2.73	44.26	303	0
Total	23.62	401.57		
R-INFRA				
1-2	12.38	192.20	518	510
Total	12.38	192.20		

Infirm Power	Chandrapur 8	2.98
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.15	1992.02
MSPGCL Thml+Gas	118.38	2139.21

Koradi 8	7.01	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	19.59	194.08
MSPGCL Total	137.97	2333.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	15.26	134.04
State Total	310.36	5136.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Oct/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	4241	522	436	5199	345	5419	0	5332	5378	-1515	14826	153	14979	2762	17741	49.89
2	4241	328	436	5005	434	5373	0	5219	5044	-1262	14594	138	14732	2514	17246	49.84
3	4215	271	436	4922	401	5440	0	5109	5221	-1100	14884	152	15036	2346	17382	49.94
4	4261	116	438	4815	401	5398	0	5056	4830	-954	14490	152	14642	2236	16878	49.92
5	4283	141	441	4865	343	5320	0	5049	5049	-815	14762	163	14925	2165	17090	49.89
6	4275	509	440	5224	300	5434	0	5287	5201	-848	15311	237	15548	2191	17739	49.89
7	4291	912	438	5641	244	5415	0	5638	5755	-879	16176	367	16543	2245	18788	49.94
8	4356	1162	439	5957	175	5407	25	5750	5409	-859	16114	364	16478	2262	18740	49.97
9	4474	735	429	5638	173	5425	61	6197	6319	-1028	16588	325	16913	2467	19380	49.87
10	4491	1142	424	6057	168	5434	121	6115	6071	-1302	16549	260	16809	2808	19617	49.91
11	4513	1463	422	6398	135	5435	151	6176	6183	-1460	16842	268	17110	3072	20182	49.91
12	4505	1482	415	6402	177	5337	159	6292	6414	-1463	17026	315	17341	3148	20489	49.89
13	4572	1376	392	6340	199	5329	184	6290	6528	-1521	17059	367	17426	3183	20609	49.89
14	4572	1450	413	6435	171	5330	152	6123	6259	-1532	16815	372	17187	3107	20294	49.92
15	4463	1611	412	6486	208	5399	138	6181	6338	-1468	17101	305	17406	3149	20555	49.86
16	4465	1538	415	6418	214	5359	106	6270	6302	-1479	16920	236	17156	3199	20355	49.87
17	4544	1463	419	6426	236	5481	58	5877	5717	-1471	16447	177	16624	3163	19787	49.88
18	4682	759	418	5859	160	5430	19	5399	4915	-1430	14953	172	15125	3067	18192	49.87
19	4714	784	419	5917	119	5445	2	5459	5660	-1432	15711	111	15822	3162	18984	49.83
20	4770	849	423	6042	128	5483	0	5499	5602	-1502	15753	173	15926	3151	19077	49.95
21	4816	435	426	5677	160	5461	0	5462	5691	-1499	15490	184	15674	3059	18733	49.93
22	4774	130	426	5330	126	5484	0	5469	5319	-1419	14840	152	14992	2929	17921	49.97
23	4797	79	434	5310	149	5533	0	5483	5477	-1435	15034	149	15183	2860	18043	49.93
24	4837	335	434	5606	140	5343	0	5396	5364	-1435	15018	137	15155	2863	18018	49.91
MUs	108.15	19.59	10.22	137.97	5.31	129.91	1.18	136.13	136.05	-31.11	379.30	5.43	384.73	67.11	451.84	49.90

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 17/Oct/2015

Position as on 6.30 Hrs of 18/Oct/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 2	160	10/09/2015	12.55		Continued.	Refuelling work	
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	
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	
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	
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	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	12/10/2015	18.56	17/10/2015	08.02	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	14/10/2015	22.13	18/10/2015	07.05	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	15/10/2015	17.27	18/10/2015	00.28	Turbine Problem Bearing Vibration High.	
MSPGCL	Chandrapur Unit 5	500	15/10/2015	18.05		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	16/10/2015	18.30	17/10/2015	05.45	Due to heavy sparking obserred at exciter slip ring brush.	
TPC-G	Trombay 7A	120	16/10/2015	18.30	17/10/2015	03.19	Due to heavy sparking obserred at exciter slip ring brush.	
MSPGCL	Khaparkheda Unit 3	210	16/10/2015	20.36	18/10/2015	09.46	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Oct/2015

Position as on 6.30 Hrs of 18/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit-8	500	18/10/2015	08.08	18/10/2015	11.29	Generator protection	
MSPGCL	Khaparkheda Unit 4	210	18/10/2015	14.31		Continued.	Low furnace pressure	
MSPGCL	Chandrapur Unit 7	500	18/10/2015	23.00		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 18/Oct/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							
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Dhule Sar'Sarovar I	InterState	16/10/2015	21.50	17/10/2015	06.34	HT	Over Voltage
Kolhapur Mapusa I	InterState	17/10/2015	02.10	17/10/2015	06.40	HT	Over Voltage
Koradi Satpur	InterState	17/10/2015	10.56	17/10/2015	13.44	HT	Over Voltage
Kolhapur Mapusa II	InterState	17/10/2015	17.12	18/10/2015	06.12	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/10/2015	19.12	17/10/2015	18.44	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/10/2015	22.32	18/10/2015	06.00	HT	Over Voltage
Kolhapur Mapusa I	InterState	18/10/2015	21.38		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	16/10/2015	08.09		Continued.	HT	Controlling BBLR ICT Loading
N.Koyna-Karad -Ckt I	IntraState	16/10/2015	11.42	17/10/2015	08.26	PO	Attending Hot Spot
Karad - Jaigad - II	IntraState	16/10/2015	16.33	17/10/2015	09.17	HT	Over Voltage
karad -kolhapur-II	IntraState	16/10/2015	17.06	17/10/2015	08.58	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/10/2015	17.41	17/10/2015	06.36	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	17/10/2015	10.02	17/10/2015	18.53	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/10/2015	16.32	17/10/2015	22.44	HT	Over Voltage
karad -kolhapur-I	IntraState	17/10/2015	16.49	18/10/2015	06.48	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/10/2015	17.12	18/10/2015	06.43	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	17/10/2015	22.38	18/10/2015	14.56	PO	B ph LA burst
Nagothane - Dabhol I	IntraState	18/10/2015	13.58	18/10/2015	18.54	T	Distance Protection
Nagothane - Dabhol-II	IntraState	18/10/2015	14.43	18/10/2015	16.51	T	Distance Protection
karad -kolhapur-II	IntraState	18/10/2015	16.42		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/10/2015	17.00		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/10/2015	17.40		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT II @ Parli	IntraState	16/10/2015	22.30	17/10/2015	01.18	PO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	18/10/2015	12.00	18/10/2015	14.07	PO	Attending Hot Spot
Mudshingi - Chikodi	InterState	18/10/2015	12.00	18/10/2015	14.03	PO	Attending Hot Spot
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Kalwa-Salsette-IV	IntraState	16/10/2015	00.10	17/10/2015	01.25	T	Due to CVT Burst R Ph (Bus Fault @ 220KV Salsette Side). charged only from kalwa end.
Karad(400kv) - Wathar	IntraState	16/10/2015	17.22	17/10/2015	02.35	T	Distance Protection
Wadkhal - Ndi13	IntraState	17/10/2015	00.00	17/10/2015	17.10	PO	Attending Hot Spot
Kalwa-Salsette-IV	IntraState	17/10/2015	01.50	17/10/2015	01.57	HT	Testing Work
Kalwa-Salsette-IV	IntraState	17/10/2015	02.18	18/10/2015	00.28	T	Testing Work
Pophali - Kdph	IntraState	17/10/2015	05.45	18/10/2015	15.25	T	Distance Protection
Kalwa - Borivali	IntraState	17/10/2015	07.02	17/10/2015	08.22	PO	Attending Hot Spot

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 17/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedambe-Nerle	IntraState	17/10/2015	12.25	17/10/2015	18.50	T	Distance Protection
IPCL - SPCL	IntraState	17/10/2015	12.57	17/10/2015	20.01	PO	Installation & jumpering work
Bableshtar -Ahamadnagar-I	IntraState	17/10/2015	13.05	18/10/2015	01.45	PO	jumper replacement work
Ipcl - Wadkhal 1	IntraState	17/10/2015	13.11	17/10/2015	20.20	PO	Attending Hot Spot
Pohali-Nerle	IntraState	17/10/2015	13.40	17/10/2015	14.10	T	Distance Protection
Wadkhal - Ndil 2	IntraState	17/10/2015	13.42	17/10/2015	17.10	PO	Attending Hot Spot
Pohali-Nerle	IntraState	17/10/2015	14.55	17/10/2015	15.30	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	17/10/2015	19.34	17/10/2015	20.22	PO	remove kite from line
Trombay MSETCL Tie 2	IntraState	18/10/2015	04.26	18/10/2015	05.21	T	Distance Protection
Kalwa - Colourchem	IntraState	18/10/2015	05.50	18/10/2015	10.35	PO	CT Replacement work
Kharghar - Nerul	IntraState	18/10/2015	07.03	18/10/2015	09.54	PO	Line Maintenance work
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 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panel
132 KV LINE Outages/Trippings							
Palghar - Palghar Railway 2	IntraState	17/10/2015	10.25	17/10/2015	17.40	PO	C B Overhauling work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage