

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.531	2094.901	1) Gujrat	1.557	41.173
2) Hydro	4.721	158.768	2) Madhya Pradesh	9.246	163.157
3) Gas	10.426	148.686	3) Chattisgarh	5.350	94.660
Total MSPGCL	136.678	2402.355	4) Maharashtra Net	93.627	1567.375
B) 1) APML	51.629	916.849	5) Goa	-6.373	-112.792
2) JSWEL	20.142	350.577	6) TAPS 1&2 Injection	3.550	60.081
3) VIPL	10.925	166.801	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	26.716	407.322	8) Pench (MS)	0.255	10.876
5) WPCL	5.478	85.669	9) Pench (Excess)	-0.255	-10.876
6) Other IPP	7.273	96.205	Total	106.702	1802.778
C) 1) TPCL Thermal	15.217	265.616	a) Mumbai Schedule	20.465	346.904
2) TPCL Hydro	2.992	32.104	b) Mumbai Drawl	27.075	445.714
3) TPCL Gas	3.668	58.295	c) MSEDCL Bilateral *	23.377	406.958
4) R-INFRA Thermal	10.723	182.968	Include PX	-2.322	8.025
D) STATE			d) Mumbai Bilateral *	20.465	346.904
1) Thermal	269.634	4566.908	Include PX	1.837	57.229
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.713	190.872	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.094	206.981	1) MSEDCL	348.907	5935.975
4) Wind	9.216	134.025	2) Mumbai Discoms	59.670	984.694
6) SOLAR	1.223	19.108	TOTAL STATE	408.577	6920.669
TOTAL STATE	301.880	5117.894			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5456	5398	5099	4351
MSPGCL Hydro	521	125	236	159
MSPGCL Gas	409	414	431	434
MSPGCL Total Generation	6386	5937	5766	4944
Central Sector Receipt	4745	4552	4843	3636
WIND	603	499	223	726
CPP / IPP	5811	5724	5243	4555
SOLAR	173	195	0	0
Exchange with Mumbai	-1221	-1218	-1498	-1273
MSEDCL DEMAND MET	16497	15689	14577	12588
Load Shedding	47	53	25	13
MSEDCL DEMAND	16544	15742	14602	12601
TPCL GENERATION	1272	1270	992	692
R-INFRA GENERATION	514	517	401	405
MUMBAI DEMAND	3007	3005	2891	2370
STATE DEMAND MET	19504	18694	17468	14958
STATE DEMAND	19551	18747	17493	14971
Frequency (Hz)	49.97	49.99	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 21:43 Hrs	49.69 Hz at 06:51 Hrs	49.98	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/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.02	9.18	24	0
Unit 6	0.00	0.00	0	0
Unit 7	3.72	48.20	170	135
Total	3.75	57.38		
Bhusawal				
Unit 2	3.66	51.43	160	145
Unit 3	4.30	47.78	185	170
Unit 4	11.02	180.46	505	410
Unit 5	10.70	175.10	500	380
Total	29.68	454.78		
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	3.19	53.44	142	125
Unit 3	4.27	61.19	199	167
Unit 4	4.32	74.35	199	167
Unit 5	8.16	153.65	425	0
Unit 6	9.13	161.34	410	365
Unit 7	9.79	164.64	440	397
Total	38.86	668.60		
Paras				
Unit 3	4.96	86.94	225	150
Unit 4	4.62	87.02	258	0
Total	9.58	173.96		
Khaparkheda				
Unit 1	3.89	63.28	175	135
Unit 2	3.74	62.23	170	140
Unit 3	4.56	49.54	210	173
Unit 4	3.83	58.26	167	149
Unit 5	9.90	168.98	480	352
Total	25.92	402.29		
Nasik				
Unit 3	4.59	55.50	200	185
Unit 4	4.44	76.49	196	178
Unit 5	4.72	78.81	204	190
Total	13.75	210.81		
Uran				
All Units	10.43	148.69	457	409
Total	10.43	148.69		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.26	10.88	33	0
Total	0.26	10.88		
Koyna				
Stage 1-2	1.22	51.64	140	40
Stage 4	0.00	28.14	0	0
Stage 3	0.07	17.45	56	0
Total	1.30	97.24		
Hydro				
KDPH	0.75	9.68	37	18
VTRNA	0.54	8.67	61	0
TILLARI	0.33	0.60	60	0
BHTGR/VEER	0.00	0.03	0	0
BHIRA T.R.	0.08	1.53	50	0
RNGR+BHTSA	0.26	4.14	15	0
BHANDARDRA	0.45	7.53	34	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.63	9.66	33	23
GHATGHAR	0.38	19.67	234	0
Total	3.42	61.53		
Wind				
Total	9.22	134.02	0	0
Total	9.22	134.02		
CPP				
APML(Mus)	51.63	916.85	0	0
JSWEL(Mus)	20.14	350.58	0	0
VIPL(Mus)	10.92	166.80	0	0
RPLAMT(Mus)	26.72	407.32	0	0
WPCL(Mus)	5.48	85.67	0	0
Other(Mus)	7.27	96.20	0	0
Total	122.16	2023.42		
SOLAR				
Total	1.22	19.11	0	0
Total	1.22	19.11		
Tata				
Trombay 5	9.57	170.94	474	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	34.93	115	74
Trombay 7B	1.44	23.37	68	54
Trombay 8	5.65	94.67	253	200
TATA Hydro	2.99	32.10	373	0
Total	21.88	356.02		
R-INFRA				
1-2	10.72	182.97	518	399
Total	10.72	182.97		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.53	2094.90
MSPGCL Thml+Gas	131.96	2243.59

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.72	158.77
MSPGCL Total	136.68	2402.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.22	79.79
State Total	301.88	5117.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Nov/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	4976	152	438	5566	322	4444	0	4329	4226	-1109	13449	19	13468	2207	15675	49.92
2	4962	127	446	5535	311	4445	0	4157	4179	-969	13501	11	13512	2021	15533	50.01
3	4952	145	446	5543	354	4455	0	3980	3618	-864	13106	18	13124	1915	15039	50.00
4	4978	159	445	5582	369	4449	0	3904	3793	-799	13394	18	13412	1847	15259	50.00
5	4983	159	446	5588	304	4441	0	3922	3924	-760	13497	18	13515	1812	15327	49.99
6	4988	149	448	5585	269	4505	0	4457	4247	-811	13795	22	13817	1866	15683	49.96
7	5064	236	450	5750	248	4841	0	4448	4315	-763	14391	22	14413	1916	16329	49.83
8	5368	239	452	6059	249	5363	28	4608	4573	-732	15540	22	15562	2054	17616	49.97
9	5483	202	457	6142	225	5657	70	4750	4814	-912	15996	32	16028	2298	18326	49.96
10	5535	259	437	6231	281	5804	129	4868	4570	-1184	15831	32	15863	2718	18581	49.95
11	5478	459	426	6363	389	5811	156	4888	4859	-1157	16421	39	16460	2951	19411	49.99
12	5456	521	409	6386	603	5811	173	4935	4745	-1221	16497	47	16544	3007	19551	49.97
13	5398	125	414	5937	499	5724	195	4927	4552	-1218	15689	53	15742	3005	18747	49.99
14	5246	119	414	5779	424	5531	170	4907	4733	-1242	15395	55	15450	2900	18350	50.00
15	5200	134	425	5759	361	5428	135	4942	5151	-1212	15622	31	15653	2929	18582	49.96
16	5171	134	416	5721	307	5501	116	4980	5260	-1245	15660	18	15678	2947	18625	49.96
17	5189	145	416	5750	256	5604	46	4788	4732	-1303	15085	25	15110	2912	18022	49.98
18	5218	160	421	5799	203	5330	5	4093	4192	-1294	14235	25	14260	2872	17132	49.96
19	5099	236	431	5766	223	5243	0	4826	4843	-1498	14577	25	14602	2891	17493	49.98
20	4845	239	428	5512	339	4963	0	4918	5266	-1523	14557	20	14577	2820	17397	49.97
21	4768	183	436	5387	519	4967	0	4775	4460	-1431	13902	14	13916	2649	16565	50.00
22	4502	177	447	5126	678	4823	0	4290	3892	-1332	13187	13	13200	2477	15677	50.07
23	4351	159	434	4944	726	4555	0	3876	3636	-1273	12588	13	12601	2370	14971	49.99
24	4321	103	444	4868	757	4468	0	3929	4122	-1223	12992	13	13005	2291	15296	50.01
MUs	121.53	4.72	10.43	136.68	9.22	122.16	1.22	108.50	106.70	-27.08	348.91	0.60	349.51	59.67	409.19	49.98

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/Nov/2015

Position as on 6.30 Hrs of 18/Nov/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	
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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Koradi Unit 5	200	04/11/2015	07.39	17/11/2015	23.04	ID Fan Problem	
IPP	JSW (J) U4	300	05/11/2015	21.58		Continued.	Turbine Bearing Inspection.	
IPP	Adani U-4	660	07/11/2015	15.51		Continued.	Hot Air Outlet Leakage.	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Paras Unit 4	250	17/11/2015	19.24		Continued.	Air Heater Problem	
MSPGCL	Chandrapur Unit 5	500	17/11/2015	21.13	18/11/2015	05.35	Condenser Pressure High.	
MSPGCL	Koradi Unit 5	200	18/11/2015	06.26		Continued.	Master Trip relay operated	
MSPGCL	Chandrapur Unit 5	500	18/11/2015	06.35		Continued.	Electro Hydraulic Governor problem	

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

Statement-VII

Position as on 6.30 Hrs of 18/Nov/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 II	InterState	15/11/2015	11.50	17/11/2015	14.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/11/2015	17.30	17/11/2015	07.37	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/11/2015	08:00	17/11/2015	07.37	PO	PMM Work.
Dhule Sar'Sarovar I	InterState	17/11/2015	08.51	18/11/2015	06.33	PO	PMM work at Dhule end (RFC 18.47Hrs)
Dabhol Nagothane I	InterState	17/11/2015	13.40		Continued.	T	Distance Protection(RFC 16.20Hrs)
Lamboti - Solapur (PG)	InterState	17/11/2015	16.39	17/11/2015	19.49	HT	Due to disconnected Jumper at Loc.No.113
Kolhapur Solapur(PG) I	InterState	17/11/2015	21.58	18/11/2015	06.22	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Karad-Jaigad - I	IntraState	09/11/2015	16.04		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/11/2015	10.42		Continued.	EO	Attend hot spot RFC 14.42 12/11/2015
karad -kolhapur-I	IntraState	16/11/2015	16:40		Continued.	HT	Over Voltage.
Khadka-Aurangabad (Waluj)	IntraState	16/11/2015	17:12	17/11/2015	07.28	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/11/2015	21:08	17/11/2015	14.40	HT	Over Voltage
Kalwa - Kharghar	IntraState	17/11/2015	09.20	17/11/2015	11.45	EO	To attend Hot Spot
Main Bus-II @ Koradi	IntraState	17/11/2015	11.00	17/11/2015	18.56	PO	Stringing work
Babhaleshwar - Padghe-II	IntraState	17/11/2015	11.39	17/11/2015	11.53	T	Distance Protection
Bhusawal-Aurangabad	IntraState	17/11/2015	17.16		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/11/2015	21.18		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT II @Karad	IntraState	17/11/2015	10.35	17/11/2015	17.54	PO	Tan Delta Measurment of CTs
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	17/11/2015	17.45	17/11/2015	22.41	PO	To attend Hot Spot
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 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.
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Trombay Salsette 1 Backbay	IntraState	17/11/2015	05.23	17/11/2015	13.26	PO	Kalwa-Salsette-4 Conductor upgrading work
Tilawani-Talandge-I	IntraState	17/11/2015	10.17	17/11/2015	17.13	PO	Relay modification work
Talandage(400kv) - Five Star Midc	IntraState	17/11/2015	10.34	17/11/2015	15.02	PO	Distance Relay Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	17/11/2015	05.50	17/11/2015	17.22	PO	Testing Work
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	17/11/2015	10.02	17/11/2015	13.47	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Beed(220kv) -Telgaon	IntraState	18/11/2015	03.45	18/11/2015	04.40	T	Distance Protection

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