

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Nov/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.726	3038.746	1) Gujrat	1.606	54.323
2) Hydro	8.639	218.200	2) Madhya Pradesh	10.447	230.780
3) Gas	8.576	216.067	3) Chattisgarh	6.130	140.080
Total MSPGCL	138.941	3473.013	4) Maharashtra Net	84.174	2227.535
B) 1) APML	54.466	1321.204	5) Goa (Amona)	-0.560	-133.638
2) JSWEL	20.941	512.154	6) TAPS 1&2 Injection	3.516	88.133
3) VIPL	12.163	253.681	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.687	566.960	8) Pench (MS)	0.304	14.106
5) WPCL	5.580	120.716	9) Pench (Excess)	-0.304	-14.106
6) Other IPP	10.188	172.792	Total	105.009	2593.107
C) 1) TPCL Thermal	15.791	386.118	a) Mumbai Schedule	20.694	492.473
2) TPCL Hydro	2.417	54.785	b) Mumbai Drawl	27.281	654.965
3) TPCL Gas	3.488	87.449	c) MSEDCL Bilateral *	23.688	588.453
4) R-INFRA Thermal	11.320	266.339	Include PX	-1.868	-3.323
D) STATE			d) Mumbai Bilateral *	20.694	492.473
1) Thermal	269.862	6638.710	Include PX	0.812	63.514
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.056	272.985	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.064	303.516	1) MSEDCL	343.851	8611.568
4) Wind	5.095	225.904	2) Mumbai Discoms	60.297	1449.646
6) SOLAR	1.062	27.002	TOTAL STATE	404.148	10061.214
TOTAL STATE	299.139	7468.117			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5244	5257	5186	4756
MSPGCL Hydro	940	579	507	102
MSPGCL Gas	287	285	305	436
MSPGCL Total Generation	6471	6121	5998	5294
Central Sector Receipt	4793	4727	4661	3910
WIND	202	159	119	416
CPP / IPP	5420	5406	5427	4192
SOLAR	146	182	0	0
Exchange with Mumbai	-1255	-1332	-1408	-814
MSEDCL DEMAND MET	15777	15263	14797	12998
Load Shedding	17	17	12	13
MSEDCL DEMAND	15794	15280	14809	13011
TPCL GENERATION	1144	1113	1035	633
R-INFRA GENERATION	513	516	515	404
MUMBAI DEMAND	2912	2961	2958	1851
STATE DEMAND MET	18689	18224	17755	14849
STATE DEMAND	18706	18241	17767	14862
Frequency (Hz)	49.94	49.98	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.03 Hrs	49.68 Hz at 11.23 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 25/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	12.70	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.79	78.28	170	130
Total	3.79	90.98		
Bhusawal				
Unit 2	4.08	81.02	175	160
Unit 3	4.33	81.11	185	175
Unit 4	11.51	267.98	500	430
Unit 5	11.64	263.81	510	430
Total	31.56	693.92		
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	3.04	77.58	135	119
Unit 3	4.42	94.82	197	171
Unit 4	4.42	108.70	194	170
Unit 5	9.33	222.82	420	355
Unit 6	9.37	235.28	415	366
Unit 7	10.19	244.70	440	415
Total	40.77	983.90		
Paras				
Unit 3	5.25	122.17	232	191
Unit 4	5.77	124.17	260	192
Total	11.02	246.33		
Khaparkheda				
Unit 1	3.72	93.64	160	140
Unit 2	0.00	83.32	0	0
Unit 3	4.02	82.46	181	150
Unit 4	3.25	86.82	168	0
Unit 5	9.92	246.58	470	360
Total	20.92	592.82		
Nasik				
Unit 3	4.58	92.02	200	180
Unit 4	4.46	100.81	195	180
Unit 5	4.62	110.90	200	186
Total	13.66	303.72		
Uran				
All Units	8.58	216.07	446	281
Total	8.58	216.07		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.30	14.11	50	0
Total	0.30	14.11		
Koyna				
Stage 1-2	2.56	71.27	350	40
Stage 4	0.95	30.88	229	0
Stage 3	0.87	21.88	160	0
Total	4.38	124.02		
Hydro				
KDPH	0.45	14.23	19	18
VTRNA	0.58	12.35	61	0
TILLARI	0.00	0.76	0	0
BHTGR/VEER	0.08	0.73	4	3
BHIRA T.R.	0.28	2.96	80	0
RNGR+BHTSA	0.20	5.84	14	0
BHANDARDRA	0.51	10.88	40	11
ELDARY	0.00	1.02	0	0
SMLHY_PTN	0.49	14.33	28	17
GHATGHAR	1.67	31.10	250	0
Total	4.26	94.18		
Wind				
Total	5.10	225.90	0	0
Total	5.10	225.90		
CPP				
APML(Mus)	54.47	1321.20	0	0
JSWEL(Mus)	20.94	512.15	0	0
VIPL(Mus)	12.16	253.68	0	0
RPLAMT(Mus)	17.69	566.96	0	0
WPCL(Mus)	5.58	120.72	0	0
Other(Mus)	10.19	172.79	0	0
Total	121.02	2947.51		
SOLAR				
Total	1.06	27.00	0	0
Total	1.06	27.00		
Tata				
Trombay 5	10.16	247.51	471	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.08	52.56	115	62
Trombay 7B	1.40	34.89	68	50
Trombay 8	5.63	138.61	251	201
TATA Hydro	2.42	54.78	317	0
Total	21.70	528.35		
R-INFRA				
1-2	11.32	266.34	519	401
Total	11.32	266.34		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.73	3038.75
MSPGCL Thml+Gas	130.30	3254.81

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.64	218.20
MSPGCL Total	138.94	3473.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.51	102.14
State Total	299.14	7468.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4789	130	444	5363	222	4899	0	4089	3931	-1124	13291	18	13309	2253	15562	49.97
2	4680	116	445	5241	248	4495	0	4026	4133	-1015	13102	10	13112	2048	15160	49.99
3	4691	102	445	5238	332	4313	0	4180	4004	-886	13001	13	13014	1925	14939	49.99
4	4756	102	436	5294	416	4192	0	3993	3910	-814	12998	13	13011	1851	14862	49.96
5	4809	107	435	5351	435	4195	0	3756	4020	-782	13219	13	13232	1824	15056	49.91
6	4852	102	446	5400	415	4223	0	3953	4132	-821	13349	20	13369	1879	15248	49.92
7	4843	523	437	5803	356	4525	2	4067	4117	-894	13909	60	13969	1941	15910	49.92
8	5143	551	335	6029	270	5060	19	4335	4541	-898	15021	60	15081	2065	17146	49.89
9	5296	604	301	6201	230	5244	59	4475	4513	-917	15330	43	15373	2318	17691	49.86
10	5294	710	299	6303	145	5403	105	4588	4563	-1161	15358	17	15375	2675	18050	49.89
11	5244	940	287	6471	202	5420	146	4703	4793	-1255	15777	17	15794	2912	18706	49.94
12	5234	899	285	6418	244	5423	169	4751	4737	-1305	15686	17	15703	2969	18672	49.92
13	5257	579	285	6121	159	5406	182	4744	4727	-1332	15263	17	15280	2961	18241	49.98
14	5239	198	293	5730	90	5417	149	4677	4803	-1263	14926	19	14945	2859	17804	49.99
15	5271	292	286	5849	69	5414	126	4688	4969	-1291	15136	12	15148	2889	18037	49.97
16	5260	682	281	6223	59	5403	74	4685	4738	-1283	15214	12	15226	2880	18106	49.97
17	5200	348	296	5844	83	5441	25	4603	4698	-1277	14814	12	14826	2883	17709	49.94
18	5225	189	308	5722	117	5427	6	4317	4283	-1372	14183	12	14195	2891	17086	49.94
19	5186	507	305	5998	119	5427	0	4686	4661	-1408	14797	12	14809	2958	17767	49.98
20	5208	274	331	5813	93	5384	0	4730	4694	-1323	14661	12	14673	2920	17593	49.96
21	5164	182	355	5701	78	5260	0	4555	4467	-1257	14249	12	14261	2761	17022	50.00
22	5069	192	367	5628	113	5155	0	4105	3993	-1192	13697	12	13709	2630	16339	49.99
23	5048	182	442	5672	257	5021	0	3841	3832	-1197	13585	12	13597	2537	16134	49.93
24	4968	128	432	5528	343	4883	0	3909	3750	-1214	13290	12	13302	2468	15770	50.00
MUs	121.73	8.64	8.58	138.94	5.10	121.03	1.06	104.46	105.01	-27.28	343.86	0.46	344.31	60.30	404.61	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 25/Nov/2015

Position as on 6.30 Hrs of 26/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-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	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
MSPGCL	Koradi Unit 5	200	19/11/2015	14.34		Continued.	Rotor Earth Fault.	
IPP	JSW (J) U2	300	20/11/2015	11.16		Continued.	No Schedule.	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
IPP	RPL(AMT) U-5	270	23/11/2015	12.41		Continued.	Turbine Vibration high	
MSPGCL	Khaparkhedha Unit 2	210	23/11/2015	14.24		Continued.	ID Fan Problem	
MSPGCL	Khaparkhedha Unit 4	210	24/11/2015	10.45	25/11/2015	02.36	Turbine Vibration	
MSPGCL	Uran Unit B0	120	25/11/2015	07.19	25/11/2015	21.18	Gas shortage	
MSPGCL	Uran Unit 8	108	25/11/2015	07.26	25/11/2015	17.42	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 26/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	18/11/2015	11.33		Continued.	T	Distance Protection(RFC 19.25Hrs)
Dhule Sar'Sarovar I	InterState	24/11/2015	19.25	25/11/2015	07.05	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/11/2015	21.49	25/11/2015	06.43	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	25/11/2015	19.26	26/11/2015	06.29	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	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
Main Bus-II @ Koradi III	IntraState	24/11/2015	11.48	25/11/2015	16.26	PO	Stringing work of New 400KV Line
karad -kolhapur-I	IntraState	24/11/2015	16.27	25/11/2015	09.06	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/11/2015	16.35	25/11/2015	10.16	T	Over Voltage
Bhusawal-Aurangabad	IntraState	24/11/2015	19.22	25/11/2015	08.00	HT	Over Voltage
Padghe - Kharghar	IntraState	25/11/2015	05.55	25/11/2015	09.42	PO	Spike Earthing
karad -kolhapur-II	IntraState	25/11/2015	16.34		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/11/2015	16.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/11/2015	19.02		Continued.	HT	Over Voltage
Akola II - RPL(Rattandindia) Ckt-II	IntraState	25/11/2015	20.15		Continued.	EO	Line Protection Problem
Lonikand I - Koyna stage-IV	IntraState	25/11/2015	23.57		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	26/11/2015	05.55		Continued.	PO	Spike Earthing
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	25/11/2015	16.32	25/11/2015	18.00	PO	Oil Leakage from HV Bushing
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
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)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
Oni Kharepatan Line	IntraState	24/11/2015	20.53	25/11/2015	18.47	T	Y Phase PT Burst at Kharepatan
Trombay Salsette 1 Backbay	IntraState	24/11/2015	22.56	25/11/2015	11.27	PO	Salsette-4 conductor replacement work
Arey - TPC Borivali	IntraState	25/11/2015	01.10	25/11/2015	05.09	PO	Fixing of Insulation sleeves on Tower
Khaparkheda-Kalmeshwar	IntraState	25/11/2015	06.52	25/11/2015	17.55	PO	Stringing of 400KV Koradi II-Wardha(PG)DC Line
Khaparkheda-Ambazari-Ii	IntraState	25/11/2015	07.02	25/11/2015	17.49	PO	Stringing of 400KV Koradi II-Wardha(PG)DC Line
Halkarni - Tillari II	IntraState	25/11/2015	07.30	25/11/2015	17.15	PO	Cleaning of Polluted Insulator String
Beed-Patoda Ckt 2	IntraState	25/11/2015	11.04	25/11/2015	14.02	PO	Quarterly Maintainance Work
Pandharpur - Hiwarwada	IntraState	25/11/2015	12.59	25/11/2015	14.30	PO	Repl.of Insulator string
Adlabs - Pedambe	IntraState	25/11/2015	18.57		Continued.	T	Distance Protection

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 25/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 26/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Arey - TPC Borivali	IntraState	26/11/2015	00.58		Continued.	PO	Fixing of Insulation sleeves on Tower
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 KV 150MVA ICT I @ Boisar	IntraState	25/11/2015	09.46	25/11/2015	11.47	EO	To attend Hot Spot
132 KV LINE Outages/Trippings							
Parli 2(Girwali) - Latur Midc	IntraState	24/11/2015	18.59	25/11/2015	07.25	T	Distance Protection
Kalmeshwar-Hingna-II	IntraState	25/11/2015	10.57	25/11/2015	11.08	T	B/C E/F prot.operated