

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.403	2984.822	1) Gujrat	3.889	150.117
2) Hydro	10.344	300.572	2) Madhya Pradesh	17.508	316.786
3) Gas	10.408	221.310	3) Chattisgarh	5.710	119.010
Total MSPGCL	139.155	3506.704	4) Maharashtra Net	113.000	2617.465
B) 1) APML	54.780	1387.960	5) Goa	-6.876	-195.160
2) JSWEL	28.112	699.864	6) TAPS 1&2 Injection	3.547	88.938
3) VIPL	12.130	306.208	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.900	522.710	8) Pench (MS)	0.846	18.298
5) WPCL	4.701	115.910	9) Pench (Excess)	-0.846	-18.298
6) Other IPP	2.891	79.176	Total	135.932	3078.858
C) 1) TPCL Thermal	16.593	428.270	a) Mumbai Schedule	22.716	660.059
2) TPCL Hydro	0.020	58.661	b) Mumbai Drawl	25.928	743.691
3) TPCL Gas	3.765	97.973	c) MSEDCL Bilateral *	54.687	898.587
4) R-INFRA Thermal	11.716	290.202	Include PX	20.574	130.033
D) STATE			d) Mumbai Bilateral *	22.716	656.696
1) Thermal	267.226	6815.122	Include PX	5.342	153.762
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro (A2+C2)	10.364	359.233	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.173	319.283	1) MSEDCL	374.569	9086.012
4) Wind	4.408	104.650	2) Mumbai Discoms	58.022	1618.775
6) SOLAR	0.488	27.663	TOTAL STATE	432.591	10704.787
TOTAL STATE	296.659	7625.951			

* 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 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	4999	4952	4853	4662
MSPGCL Hydro	889	858	196	207
MSPGCL Gas	423	422	439	438
MSPGCL Total Generation	6311	6232	5488	5307
Central Sector Receipt	6187	6324	5485	5146
WIND	113	78	356	340
CPP / IPP	5162	5325	5180	5006
SOLAR	70	76	0	0
Exchange with Mumbai	-1011	-1164	-1183	-1395
MSEDCL DEMAND MET	16832	16871	15326	14404
Load Shedding	465	601	117	83
MSEDCL DEMAND	17297	17472	15443	14487
TPCL GENERATION	915	914	872	709
R-INFRA GENERATION	516	515	469	398
MUMBAI DEMAND	2442	2593	2524	2502
STATE DEMAND MET	19274	19464	17850	16906
STATE DEMAND	19739	20065	17967	16989
Frequency (Hz)	49.96	49.92	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.50 Hrs	49.74 Hz at 01.20 Hrs	49.96	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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.74	73.01	120	105
Unit 6	0.00	0.00	0	0
Unit 7	3.70	86.83	175	140
Total	6.44	159.84		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.32	79.22	95	0
Unit 4	11.50	272.62	500	425
Unit 5	11.67	280.30	510	400
Total	23.48	632.14		
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	3.18	81.13	136	124
Unit 3	4.47	115.70	204	169
Unit 4	4.59	114.17	204	170
Unit 5	9.74	157.84	430	370
Unit 6	10.46	222.85	460	390
Unit 7	9.63	199.35	422	360
Total	42.06	891.03		
Paras				
Unit 3	5.12	121.30	228	198
Unit 4	5.38	124.19	239	215
Total	10.50	245.49		
Khaparkheda				
Unit 1	3.80	82.75	175	140
Unit 2	3.79	91.56	170	140
Unit 3	4.46	94.84	193	172
Unit 4	0.00	46.49	0	0
Unit 5	10.17	238.69	475	386
Total	22.22	554.34		
Nasik				
Unit 3	4.64	113.72	200	185
Unit 4	4.39	84.76	195	170
Unit 5	4.67	114.82	201	188
Total	13.71	313.30		
Uran				
All Units	10.41	221.31	447	421
Total	10.41	221.31		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.85	18.30	50	21
Total	0.85	18.30		
Koyna				
Stage 1-2	3.75	103.48	465	40
Stage 4	3.43	105.25	405	0
Stage 3	1.69	43.41	240	0
Total	8.87	252.14		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.53	3.44	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	4.54	40	0
RNGR+BHTSA	0.00	3.36	0	0
BHANDARDRA	0.45	11.23	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	5.04	17	16
GHATGHAR	0.00	18.49	0	0
Total	1.47	48.43		
Wind				
Total	4.41	104.65	0	0
Total	4.41	104.65		
CPP				
APML(Mus)	54.78	1387.96	0	0
JSWEL(Mus)	28.11	699.86	0	0
VIPL(Mus)	12.13	306.21	0	0
RPLAMT(Mus)	17.90	522.71	0	0
WPCL(Mus)	4.70	115.91	0	0
Other(Mus)	2.89	79.18	0	0
Total	120.51	3111.83		
SOLAR				
Total	0.49	27.66	0	0
Total	0.49	27.66		
Tata				
Trombay 5	10.64	281.00	486	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	61.05	115	57
Trombay 7B	1.45	36.92	67	47
Trombay 8	5.96	147.27	250	247
TATA Hydro	0.02	58.66	8	6
Total	20.38	584.90		
R-INFRA				
1-2	11.72	290.20	519	392
Total	11.72	290.20		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.40	2984.82
MSPGCL Thml+Gas	128.81	3206.13

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.34	300.57
MSPGCL Total	139.16	3506.70

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.18	208.74
State Total	296.66	7625.95

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Oct/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	4965	583	444	5992	177	5007	0	5803	5912	-1325	15763	97	15860	2663	18523	49.94
2	4960	524	447	5931	242	4979	0	5497	5591	-1161	15582	181	15763	2500	18263	49.94
3	5007	415	440	5862	137	4946	0	5258	5013	-1013	14945	195	15140	2351	17491	49.96
4	5003	330	436	5769	131	4964	0	5192	5304	-915	15253	211	15464	2252	17716	49.92
5	5035	131	434	5600	183	4950	0	5193	5018	-853	14898	220	15118	2190	17308	49.96
6	4997	75	436	5508	221	4888	0	5586	5647	-892	15372	285	15657	2202	17859	49.91
7	4954	155	434	5543	214	4950	0	5859	6080	-789	15998	412	16410	2153	18563	49.97
8	4956	440	435	5831	200	4933	10	5941	5869	-701	16142	501	16643	2111	18754	49.93
9	4929	577	432	5938	144	4905	39	6002	6158	-762	16422	502	16924	2175	19099	49.93
10	4949	779	430	6158	133	5018	50	6047	5845	-869	16335	450	16785	2300	19085	49.93
11	4999	889	423	6311	113	5162	70	6070	6187	-1011	16832	465	17297	2442	19739	49.96
12	5003	950	422	6375	62	5212	64	6232	6014	-1105	16622	560	17182	2535	19717	49.95
13	4952	858	422	6232	78	5325	76	6260	6324	-1164	16871	601	17472	2593	20065	49.92
14	4955	785	421	6161	101	5404	62	6258	5984	-1180	16532	564	17096	2602	19698	49.97
15	5022	720	421	6163	100	5474	51	6319	6374	-1220	16942	472	17414	2634	20048	49.92
16	5003	691	424	6118	123	5293	40	6395	6204	-1202	16576	424	17000	2606	19606	49.99
17	5088	294	434	5816	141	4918	21	5753	5525	-1071	15350	427	15777	2472	18249	49.94
18	5014	76	439	5529	125	5277	5	4982	4613	-964	14585	330	14915	2307	17222	49.94
19	4965	299	441	5705	161	4665	0	5295	5176	-1116	14591	75	14666	2440	17106	49.99
20	4853	196	439	5488	356	5180	0	5923	5485	-1183	15326	117	15443	2524	17967	50.01
21	4723	142	439	5304	335	4732	0	5726	5632	-1283	14720	117	14837	2501	17338	49.98
22	4696	142	439	5277	336	4643	0	5301	5162	-1332	14086	96	14182	2456	16638	50.04
23	4662	207	438	5307	340	5006	0	5172	5146	-1395	14404	83	14487	2502	16989	49.98
24	4713	86	438	5237	255	4683	0	5416	5669	-1422	14422	83	14505	2511	17016	49.99
MUs	118.40	10.34	10.41	139.16	4.41	120.51	0.49	137.48	135.93	-25.93	374.57	7.47	382.04	58.02	440.06	49.96

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/Oct/2015

Position as on 6.30 Hrs of 26/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	
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	
MSPGCL	Bhusawal Unit 3	210	21/10/2015	09.24	25/10/2015	01.36	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	21/10/2015	20.49		Continued.	ESP Problem.	
MSPGCL	Khaparkhedda Unit 4	210	22/10/2015	12.58		Continued.	Turbine Vibration High.	
IPP	RPL(AMT) U-2	270	23/10/2015	10.58	25/10/2015	09.43	Coal Shortage	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Chandrapur Unit-8	500	24/10/2015	12.34		Continued.	clenkar formation in boiler	
MSPGCL	Koyna Unit 1	75	24/10/2015	12.35		Continued.	Maintenance work	
MSPGCL	Bhusawal Unit 3	210	25/10/2015	05.37	25/10/2015	07.24	Low Forward Power Protection.	
MSPGCL	Bhusawal Unit 3	210	25/10/2015	07.29		Continued.	Drum level low	
IPP	RPL(AMT) U-4	270	25/10/2015	15.23		Continued.	Water Tube Leakage.	

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

Statement-VII

Position as on 6.30 Hrs of 26/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							
Kolhapur Mapusa I	InterState	24/10/2015	21.27	25/10/2015	07.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/10/2015	21.31	25/10/2015	07.00	HT	Over Voltage
Kolhapur Mapusa I	InterState	25/10/2015	16.42	26/10/2015	06.47	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	25/10/2015	18.12	26/10/2015	06.38	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	25/10/2015	19.09	HT	Controlling BBLR ICT Loading
karad -kolhapur-II	IntraState	24/10/2015	16.34	25/10/2015	06.50	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/10/2015	18.06	25/10/2015	06.55	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/10/2015	20.47	25/10/2015	09.00	HT	Over Voltage
karad -kolhapur-I	IntraState	25/10/2015	16.14	26/10/2015	06.52	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/10/2015	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/10/2015	17.42		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26		Continued.	HT	Controlling Line Loading.
Lonikand I - Koyna stage-IV	IntraState	25/10/2015	22.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	24/10/2015	16.33		Continued.	PO	Annual Maintenance Work
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Kalwa-Salsette-IV	IntraState	25/10/2015	05.54	26/10/2015	03.37	PO	cvt replacement at salsete end
Kalwa-Salsette-VI	IntraState	25/10/2015	08.12	25/10/2015	16.13	PO	CVT Replacement Work @ Salsette End.
Versova Gorai Line	IntraState	25/10/2015	08.49	25/10/2015	19.00	PO	CT CVT Junction Work.
Taloja li - OCIL-II	IntraState	26/10/2015	02.47		Continued.	T	B Phase L A Burst.
Taloja II - OCIL-I	IntraState	26/10/2015	02.47		Continued.	T	Distance Protection
Nerul - Sonkhar	IntraState	26/10/2015	04.44		Continued.	EO	Attending Hot Spot
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 Panal
132 KV LINE Outages/Trippings							
Kurunda - Hingoli	IntraState	25/10/2015	05.59	25/10/2015	06.24	T	Distance Protection R Phase-E.

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