

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Oct/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.394	2622.689	1) Gujrat	6.057	134.512
2) Hydro	9.370	256.042	2) Madhya Pradesh	14.018	265.003
3) Gas	4.941	191.940	3) Chattisgarh	5.530	100.770
Total MSPGCL	137.705	3070.671	4) Maharashtra Net	102.432	2283.537
B) 1) APML	54.120	1220.510	5) Goa	-7.405	-171.844
2) JSWEL	26.578	615.320	6) TAPS 1&2 Injection	3.565	78.289
3) VIPL	12.022	268.198	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.980	472.020	8) Pench (MS)	0.805	15.599
5) WPCL	4.102	101.624	9) Pench (Excess)	-0.805	-15.599
6) Other IPP	2.855	70.053	Total	123.392	2674.668
C) 1) TPCL Thermal	17.620	376.869	a) Mumbai Schedule	24.293	585.290
2) TPCL Hydro	0.014	53.767	b) Mumbai Drawl	26.538	656.006
3) TPCL Gas	3.507	87.748	c) MSEDCL Bilateral *	31.921	747.386
4) R-INFRA Thermal	12.243	253.747	Include PX	2.253	77.796
D) STATE			d) Mumbai Bilateral *	24.293	581.928
1) Thermal	270.914	6001.030	Include PX	4.896	137.672
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	9.384	309.809	H) ENERGY CATERED (MUs)		
3) Gas	8.448	279.688	1) MSEDCL	355.585	7958.551
4) Wind	2.203	96.526	2) Mumbai Discoms	59.922	1428.116
6) SOLAR	1.166	24.967	TOTAL STATE	415.507	9386.667
TOTAL STATE	292.115	6712.020			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5344	5309	4658	4632
MSPGCL Hydro	417	418	169	340
MSPGCL Gas	157	221	281	276
MSPGCL Total Generation	5918	5948	5108	5248
Central Sector Receipt	5533	5520	5009	4676
WIND	99	173	101	108
CPP / IPP	4879	4794	4736	4566
SOLAR	178	124	0	0
Exchange with Mumbai	-1043	-1165	-1285	-1386
MSEDCL DEMAND MET	15564	15394	13669	13212
Load Shedding	587	582	443	45
MSEDCL DEMAND	16151	15976	14112	13257
TPCL GENERATION	918	909	917	911
R-INFRA GENERATION	514	516	427	516
MUMBAI DEMAND	2475	2590	2629	2813
STATE DEMAND MET	18039	17984	16298	16025
STATE DEMAND	18626	18566	16741	16070
Frequency (Hz)	50.00	49.99	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 17.03 Hrs	49.77 Hz at 00.07 Hrs	49.99	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 22/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	64.80	125	110
Unit 6	0.00	0.00	0	0
Unit 7	3.30	75.69	165	105
Total	6.07	140.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	78.90	0	0
Unit 4	11.21	238.09	495	395
Unit 5	11.30	244.53	500	400
Total	22.51	561.52		
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	3.27	71.46	139	131
Unit 3	4.56	101.86	203	170
Unit 4	4.53	100.27	198	172
Unit 5	9.71	128.27	425	376
Unit 6	10.35	191.24	460	390
Unit 7	10.10	172.72	445	394
Total	42.52	765.82		
Paras				
Unit 3	5.25	106.02	229	206
Unit 4	5.65	108.15	252	206
Total	10.90	214.18		
Khaparkheda				
Unit 1	3.45	71.77	165	125
Unit 2	3.23	80.38	160	90
Unit 3	4.20	81.40	195	155
Unit 4	1.83	46.49	148	0
Unit 5	9.56	209.00	461	330
Total	22.28	489.03		
Nasik				
Unit 3	4.70	99.66	205	185
Unit 4	4.63	71.29	200	187
Unit 5	4.65	100.74	202	182
Total	13.98	271.69		
Uran				
All Units	4.94	191.94	281	105
Total	4.94	191.94		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.80	15.60	50	11
Total	0.80	15.60		
Koyna				
Stage 1-2	4.81	88.88	550	40
Stage 4	1.10	88.42	228	0
Stage 3	1.05	36.61	160	0
Total	6.96	213.92		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.63	1.73	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.20	40	0
RNGR+BHTSA	0.26	2.84	14	0
BHANDARDRA	0.45	9.91	28	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	3.97	21	11
GHATGHAR	0.58	17.15	125	0
Total	2.41	42.12		
Wind				
Total	2.20	96.53	0	0
Total	2.20	96.53		
CPP				
APML(Mus)	54.12	1220.51	0	0
JSWEL(Mus)	26.58	615.32	0	0
VIPL(Mus)	12.02	268.20	0	0
RPLAMT(Mus)	17.98	472.02	0	0
WPCL(Mus)	4.10	101.62	0	0
Other(Mus)	2.86	70.05	0	0
Total	117.66	2747.72		
SOLAR				
Total	1.17	24.97	0	0
Total	1.17	24.97		
Tata				
Trombay 5	11.62	247.45	490	457
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.14	54.89	115	45
Trombay 7B	1.36	32.86	67	37
Trombay 8	6.00	129.42	259	246
TATA Hydro	0.01	53.77	8	0
Total	21.14	518.38		
R-INFRA				
1-2	12.24	253.75	518	427
Total	12.24	253.75		

Infirm Power	Chandrapur 8	5.13
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.39	2622.69
MSPGCL Thml+Gas	128.34	2814.63

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.37	256.04
MSPGCL Total	137.70	3070.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.91	177.31
State Total	292.12	6712.02

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	5410	660	199	6269	96	5279	0	5441	5636	-1445	15835	62	15897	2783	18680	49.93
2	5342	652	198	6192	94	5300	0	5321	5228	-1238	15576	367	15943	2597	18540	49.98
3	5366	422	105	5893	74	5260	0	5232	5098	-1064	15261	367	15628	2419	18047	49.98
4	5320	180	121	5621	58	5218	0	5128	4983	-957	14923	367	15290	2288	17578	49.96
5	5364	97	148	5609	41	5198	0	5110	5253	-887	15214	383	15597	2214	17811	49.95
6	5385	382	151	5918	49	5098	0	5333	5375	-858	15582	548	16130	2215	18345	49.95
7	5262	785	152	6199	31	4927	5	5289	5572	-818	15916	648	16564	2168	18732	49.96
8	5350	896	153	6399	40	4829	20	5240	5193	-773	15708	656	16364	2123	18487	50.02
9	5412	641	151	6204	25	4953	69	5286	5278	-817	15712	632	16344	2171	18515	49.99
10	5323	428	148	5899	33	4859	119	5311	5218	-853	15275	588	15863	2255	18118	49.98
11	5309	448	147	5904	44	4829	144	5359	5429	-947	15403	566	15969	2384	18353	49.99
12	5344	417	157	5918	99	4879	178	5405	5533	-1043	15564	587	16151	2475	18626	50.00
13	5396	279	189	5864	121	4820	154	5404	5459	-1082	15336	631	15967	2511	18478	50.02
14	5298	283	210	5791	133	4802	174	5172	5460	-1101	15259	623	15882	2524	18406	50.01
15	5309	418	221	5948	173	4794	124	5190	5520	-1165	15394	582	15976	2590	18566	49.99
16	5012	553	272	5837	210	4848	95	5211	5411	-1168	15233	525	15758	2603	18361	49.99
17	5051	237	275	5563	199	4802	63	4882	4658	-1106	14179	537	14716	2536	17252	50.05
18	4701	109	278	5088	136	4741	21	4480	4032	-1099	12919	530	13449	2459	15908	50.08
19	4658	169	281	5108	101	4736	0	4825	5009	-1285	13669	443	14112	2629	16741	50.00
20	4852	154	277	5283	74	4691	0	5210	4917	-1310	13655	97	13752	2741	16493	50.02
21	4855	125	279	5259	65	4727	0	5013	4824	-1350	13525	64	13589	2793	16382	49.98
22	4705	185	276	5166	78	4756	0	4415	4718	-1362	13356	50	13406	2793	16199	50.01
23	4632	340	276	5248	108	4566	0	4327	4676	-1386	13212	45	13257	2813	16070	49.96
24	4738	510	277	5525	121	4745	0	4593	4912	-1424	13879	45	13924	2838	16762	49.99
MUs	123.39	9.37	4.94	137.71	2.20	117.66	1.17	122.18	123.39	-26.54	355.59	9.94	365.53	59.92	425.45	49.99

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 22/Oct/2015

Position as on 6.30 Hrs of 23/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	Bhusawal Unit 3	210	21/10/2015	09.24		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	21/10/2015	13.41	22/10/2015	14.16	Gas shortage	
MSPGCL	Uran Unit 8	108	21/10/2015	13.41	22/10/2015	11.24	Gas shortage	
MSPGCL	Koradi Unit-8	660	21/10/2015	20.49		Continued.	ESP Problem.	
MSPGCL	Uran Unit 5	108	22/10/2015	00.56		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 4	210	22/10/2015	12.58		Continued.	Turbine Vibration High.	
MSPGCL	Chandrapur Unit-8	500	22/10/2015	15.14	22/10/2015	20.48	M S Tempeature Low.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 23/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							
Dabhol Nagothane II	InterState	21/10/2015	12.58		Continued.	T	B Ph Fault Tripped on Dist.Prot.
Kolhapur Mapusa I	InterState	21/10/2015	17.28	22/10/2015	07.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/10/2015	20.16	22/10/2015	06.53	HT	Over Voltage
Kolhapur Mapusa II	InterState	22/10/2015	16.09		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	22/10/2015	16.39	23/10/2015	06.35	T	Over Voltage
Dhule Sar'Sarovar I	InterState	22/10/2015	17.22	23/10/2015	06.58	HT	Over Voltage
Chandrapur Bhadravati I	InterState	22/10/2015	20.51	22/10/2015	21.50	PO	For Shifting from Bus-I to Bus-2
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
karad -kolhapur-II	IntraState	21/10/2015	16.19	22/10/2015	06.55	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/10/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/10/2015	18.58	23/10/2015	06.35	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	22/10/2015	08.25	22/10/2015	19.15	PO	A/R Bypass for OPGW Work.
karad -kolhapur-I	IntraState	22/10/2015	14.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/10/2015	17.14		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur I	IntraState	22/10/2015	22.33	23/10/2015	06.22	T	Over Voltage
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	22/10/2015	08.17	22/10/2015	17.27	PO	Polluted Insulator Cleaning Work.
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
Lamboti-Vita	IntraState	21/10/2015	16.34	22/10/2015	19.47	PO	For LILO Arrangment for Khanapur S/S.
Ongc Uran - Jnpt	IntraState	21/10/2015	22.18	22/10/2015	20.30	T	R Phase P T Burst @ JNPT.
Pophali - Kdph	IntraState	22/10/2015	10.25	22/10/2015	19.35	PO	Y Phase Conductor Decapping.
Pedhambe - Oni	IntraState	22/10/2015	12.20	22/10/2015	12.44	T	Distance Protection
Vita - Miraj	IntraState	23/10/2015	00.23		Continued.	T	C T & W T Burst @ Miraj of Vita Bay, Miraj Stn 00.23 to 00.35 Bus Bar Operated @ Miraj.
Boisar(M) - Ghodbunder	IntraState	23/10/2015	05.58	23/10/2015	06.55	T	R Ph.Diff.Trip,Trip @ Ghodbundar End Only.
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

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