

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 24/Oct/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.952	2478.766	1) Gujrat	3.129	138.508
2) Hydro	10.114	232.280	2) Madhya Pradesh	10.535	275.892
3) Gas	9.110	241.808	3) Chattisgarh	6.750	169.970
Total MSPGCL	162.176	2952.854	4) Maharashtra Net	107.622	2206.903
B) 1) APML	65.289	1522.992	5) Goa (Amona)	-0.434	-15.670
2) JSWEL	21.183	489.212	Total	127.602	2775.603
3) VIPL	12.845	284.587	a) Mumbai Schedule	21.845	487.567
4) RPL(AMT)	5.745	5.745	b) Mumbai Drawl	25.260	603.911
5) WPCL	4.899	99.181	c) MSEDCL Bilateral *	29.219	580.597
6) PGPL	0.000	0.000	Include PX	-0.081	-88.319
7) Other IPP	3.624	74.906	d) Mumbai Bilateral *	21.845	487.567
C) 1) TPCL Thermal	15.537	347.516	Include PX	0.887	15.809
2) TPCL Hydro	5.924	92.684	Include Standby	0.000	0.000
3) TPCL Gas	4.450	106.096	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.984	246.231	1) MSEDCL	381.682	7820.532
D) STATE			2) Mumbai Discoms	62.155	1396.450
1) Thermal	283.058	5549.136	TOTAL STATE	443.837	9216.982
(A1+C1+C4+(B1-B6))					
2) Hydro	16.038	324.964			
(A2+C2)					
3) Gas	13.560	347.904			
(A3+B6+C3)					
4) Wind	2.514	192.804			
6) SOLAR	1.065	26.559			
TOTAL STATE	316.235	6441.367			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6089	6501	6469	5111
MSPGCL Hydro	911	209	905	421
MSPGCL Gas	445	276	290	454
MSPGCL Total Generation	7445	6986	7664	5986
Central Sector Receipt	5956	5730	5878	4421
WIND	69	130	170	87
CPP / IPP Thermal	4796	5132	4944	3906
CPP / IPP Gas	0	0	0	0
SOLAR	106	55	0	0
Exchange with Mumbai	-1030	-1209	-1079	-774
MSEDCL DEMAND MET	17342	16824	17577	13626
Load Shedding	0	0	0	0
MSEDCL DEMAND	17342	16824	17577	13626
TPCL GENERATION	1361	1365	1339	698
R-INFRA GENERATION	501	500	505	385
MUMBAI DEMAND	2892	3074	2923	1857
STATE DEMAND MET	20234	19898	20500	15483
STATE DEMAND	20234	19898	20500	15483
Frequency (Hz)	50.01	49.98	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:02 Hrs	49.84 Hz at 06:43 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 24/Oct/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.71	16.14	165	145
Unit 8	11.71	252.00	610	330
Total	15.42	268.14		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.10	44.28	510	365
Unit 5	11.06	15.37	510	360
Total	22.16	59.65		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	4.72	0	0
Unit 7	4.88	26.57	241	133
Total	4.88	31.29		
Chandrapur				
Unit 3	4.44	65.96	195	163
Unit 4	4.29	87.47	188	161
Unit 5	10.12	228.39	450	365
Unit 6	10.07	234.24	455	361
Unit 7	9.22	218.84	411	358
Unit 8	4.02	230.54	396	0
Total	42.16	1065.44		
Paras				
Unit 3	5.77	125.87	260	198
Unit 4	5.67	111.68	257	191
Total	11.44	237.55		
Khaparkheda				
Unit 1	4.04	32.30	185	160
Unit 2	4.26	33.08	195	160
Unit 3	4.50	54.77	200	162
Unit 4	4.11	39.81	180	162
Unit 5	10.73	251.13	500	375
Total	27.64	411.08		
Nasik				
Unit 3	4.35	74.41	200	160
Unit 4	4.44	103.01	205	157
Unit 5	0.00	27.27	0	0
Total	8.79	204.69		
Uran				
All Units	9.11	241.81	464	267
Total	9.11	241.81		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.82	19.52	53	3
Total	0.82	19.52		
Koyna				
Stage 1-2	2.96	80.30	380	35
Stage 4	3.09	66.08	480	0
Stage 3	1.39	34.01	140	0
Total	7.44	180.39		
Hydro				
KDPH	0.88	8.40	37	36
VTRNA	0.00	5.00	0	0
TILLARI	0.25	7.07	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	6.84	77	0
RNGR+BHTSA	0.39	3.43	17	16
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	8.23	18	6
GHATGHAR	0.66	11.48	175	0
Total	2.67	51.89		
Wind				
Total	2.51	192.80	0	0
Total	2.51	192.80		
CPP				
APML(Mus)	65.29	1522.99	0	0
JSWEL(Mus)	21.18	489.21	0	0
VIPL(Mus)	12.84	284.59	0	0
RPLAMT(Mus)	5.74	5.74	0	0
WPCL(Mus)	4.90	99.18	0	0
Other(Mus)	3.62	74.91	0	0
Total	113.58	2476.62		
SOLAR				
Total	1.06	26.56	0	0
Total	1.06	26.56		
Tata				
Trombay 5	10.08	220.86	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	67.35	120	114
Trombay 7B	1.62	38.74	69	66
Trombay 8	5.46	126.66	247	199
TATA Hydro	5.92	92.68	459	39
Total	25.91	546.30		
R-INFRA				
1-2	10.98	246.23	509	385
Total	10.98	246.23		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.34	89.85
Koradi 9	10.12	111.08
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	142.95	2478.77
MSPGCL Thml+Gas	152.06	2720.57
MSPGCL Hydro	10.11	232.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	162.18	2952.85
Koyna 1,2 & 4 Total	6.05	146.37
State Total	316.24	6441.37

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Oct/2016

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			THM	GAS										
1	5144	101	439	5684	113	4380	0	0	4989	4893	-1119	13951	0	13951	2201	16152	50.02
2	5108	106	461	5675	99	4271	0	0	4990	4694	-945	13794	0	13794	2029	15823	50.03
3	5137	126	451	5714	76	3987	0	0	4607	4768	-829	13716	0	13716	1913	15629	50.01
4	5111	421	454	5986	87	3906	0	0	4183	4421	-774	13626	0	13626	1857	15483	50.01
5	5135	440	464	6039	79	4192	0	0	4297	4644	-744	14210	0	14210	1830	16040	49.99
6	5262	155	454	5871	94	4436	0	0	5122	5043	-825	14619	0	14619	1909	16528	49.96
7	5842	398	454	6694	115	4597	0	0	5307	5298	-877	15827	0	15827	2020	17847	49.98
8	6043	655	463	7161	106	4727	0	22	5422	5295	-690	16621	0	16621	2210	18831	49.98
9	6073	808	452	7333	85	4814	0	64	5635	5723	-745	17274	0	17274	2498	19772	49.99
10	6089	911	445	7445	69	4796	0	106	5737	5956	-1030	17342	0	17342	2892	20234	50.01
11	6096	708	452	7256	49	4869	0	137	5739	5918	-1249	16980	0	16980	3102	20082	49.96
12	6252	490	316	7058	28	4860	0	173	5728	5832	-1300	16651	0	16651	3157	19808	49.98
13	6311	493	268	7072	39	4878	0	151	5713	5864	-1277	16727	0	16727	3139	19866	49.98
14	6327	418	286	7031	58	4905	0	149	5635	5495	-1224	16414	0	16414	3060	19474	50.00
15	6423	438	267	7128	97	4974	0	119	5654	5700	-1232	16786	0	16786	3096	19882	49.95
16	6449	445	271	7165	127	5044	0	81	5724	5563	-1221	16759	0	16759	3096	19855	49.93
17	6501	209	276	6986	130	5132	0	55	5695	5730	-1209	16824	0	16824	3074	19898	49.98
18	6537	238	287	7062	117	5159	0	8	5781	5671	-1114	16903	0	16903	2990	19893	49.97
19	6449	912	292	7653	159	5111	0	0	5793	5440	-1153	17210	0	17210	2996	20206	49.97
20	6469	905	290	7664	170	4944	0	0	5910	5878	-1079	17577	0	17577	2923	20500	50.00
21	6350	403	328	7081	163	4927	0	0	5781	5525	-1011	16685	0	16685	2764	19449	49.96
22	6299	128	359	6786	135	4933	0	0	5593	5273	-1061	16066	0	16066	2603	18669	49.98
23	6061	103	431	6595	147	4963	0	0	5257	4469	-1282	14892	0	14892	2440	17332	50.00
24	5484	103	450	6037	172	4777	0	0	5176	4509	-1270	14225	0	14225	2356	16581	49.99
MUs	142.95	10.11	9.11	162.18	2.51	113.58	0.00	1.06	129.47	127.60	-25.26	381.68	0.00	381.68	62.16	443.84	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 24/Oct/2016

Position as on 6.30 Hrs of 25/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
IPP	RPL(AMT) U-1	270	14/09/2016	23.55	24/10/2016	04.27	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	15/09/2016	18.09	24/10/2016	12.51	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	19/10/2016	21.12	24/10/2016	18.55	Boiler Tube Leakage	
CENT.SECTOR	TARAPUR 4	540	21/10/2016	19.00		Continued.	Reactor problem	
MSPGCL	Parli Unit 6	250	22/10/2016	03.32	25/10/2016	10.38	Ms temp Low.	
MSPGCL	Chandrapur Unit-8	500	23/10/2016	22.18	24/10/2016	06.04	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Oct/2016

Position as on 6.30 Hrs of 25/Oct/2016

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	24/10/2016	06.42	24/10/2016	11.47	Due to both PA fan tripped.	
MSPGCL	Uran Unit 6	108	24/10/2016	11.26	24/10/2016	17.29	CT oil leakage.	
IPP	RPL(AMT) U-4	270	24/10/2016	18.42	24/10/2016	20.51	CEP.	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 25/Oct/2016

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 I	InterState	22/10/2016	12.16		Continued.	PO	Taken On Tbc For Main Breker.Problem.
Dhule Sar'Sarovar II	InterState	24/10/2016	00.40	24/10/2016	05.50	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/10/2016	22.35	25/10/2016	06.42	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Padghe - Kharghar	IntraState	23/10/2016	21.01	24/10/2016	05.18	PO	B Bus Outage @ Kharghar.
Bus B @ Khargar	IntraState	23/10/2016	23.20	24/10/2016	02.55	PO	B Bus Outage.
Main Bus-I @ Koradi III	IntraState	24/10/2016	08.21	24/10/2016	16.09	PO	Annual Maintenance Work
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	23/10/2016	11.10	24/10/2016	17.38	PO	Shifted on TBC.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	24/10/2016	13.01	24/10/2016	14.37	PO	Main Bay CRM and testing work ICT charge through tie bay.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	24/10/2016	22.09	24/10/2016	22.57	PO	Attending Oil Leakage
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	25/10/2016	02.28		Continued.	HT	Bus A outage work.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Pophali - Nerale	IntraState	23/10/2016	12.25	24/10/2016	22.05	T	Distance Protection
Bableswhar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alaphata line loading.
Sonkhar - Trombay	IntraState	24/10/2016	14.07	24/10/2016	17.52	PO	Replacement work
Salsette Borivli 2	IntraState	25/10/2016	00.23	25/10/2016	04.18	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	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/09/2016	14.45		Continued.	PO	Dismantling of ICT 1 &transfer to 220kv Amalner S/S.
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	22/10/2016	10.34		Continued.	PO	Maintenance Work.
220/33 Kv 50 Mva Bhel Ptr 1 @Babhleshwar	IntraState	22/10/2016	11.05		Continued.	PO	Maintenance Work.
132 KV LINE Outages/Trippings							
Parbhani-Gangakhed	IntraState	24/10/2016	04.32	24/10/2016	04.55	T	Distance Protection
Bableswhar - Sangamner	IntraState	24/10/2016	09.38	24/10/2016	10.40	T	Distance Protection

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