

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Oct/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.664	2335.814	1) Gujrat	3.167	135.379
2) Hydro	13.658	222.166	2) Madhya Pradesh	11.786	265.357
3) Gas	10.699	232.698	3) Chattisgarh	6.920	163.220
Total MSPGCL	161.021	2790.678	4) Maharashtra Net	102.463	2101.597
B) 1) APML	66.269	1457.703	5) Goa (Amona)	-0.434	-15.236
2) JSWEL	21.013	468.029	Total	123.902	2650.317
3) VIPL	12.941	271.742	a) Mumbai Schedule	17.859	465.722
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.404	578.651
5) WPCL	4.389	94.282	c) MSEDCL Bilateral *	21.911	551.378
6) PGPL	0.000	0.000	Include PX	-4.496	-88.238
7) Other IPP	3.366	71.282	d) Mumbai Bilateral *	17.859	465.722
C) 1) TPCL Thermal	15.851	331.979	Include PX	0.162	14.922
2) TPCL Hydro	0.613	86.760	Include Standby	0.000	0.000
3) TPCL Gas	4.460	101.646	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.156	235.247	1) MSEDCL	374.466	7441.166
D) STATE			2) Mumbai Discoms	53.484	1334.295
1) Thermal	271.649	5266.078	TOTAL STATE	427.950	8775.461
(A1+C1+C4+(B1-B6))					
2) Hydro	14.271	308.926			
(A2+C2)					
3) Gas	15.159	334.344			
(A3+B6+C3)					
4) Wind	1.805	190.290			
6) SOLAR	1.164	25.494			
TOTAL STATE	304.048	6125.132			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5622	5818	6251	5303
MSPGCL Hydro	1286	1030	1180	116
MSPGCL Gas	459	430	442	464
MSPGCL Total Generation	7367	7278	7873	5883
Central Sector Receipt	5778	5475	5576	3915
WIND	25	24	214	36
CPP / IPP Thermal	4545	4554	4650	4357
CPP / IPP Gas	0	0	0	0
SOLAR	134	130	0	0
Exchange with Mumbai	-811	-944	-908	-866
MSEDCL DEMAND MET	17038	16517	17405	13325
Load Shedding	0	0	0	0
MSEDCL DEMAND	17038	16517	17405	13325
TPCL GENERATION	913	912	1058	696
R-INFRA GENERATION	504	509	508	386
MUMBAI DEMAND	2228	2365	2474	1948
STATE DEMAND MET	19266	18882	19879	15273
STATE DEMAND	19266	18882	19879	15273
Frequency (Hz)	50.01	50.00	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.03 Hrs	49.83 Hz at 05.09 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 23/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	3.60	12.43	165	137
Unit 8	10.86	240.29	491	400
Total	14.46	252.72		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.21	33.18	510	360
Unit 5	4.31	4.31	500	0
Total	15.52	37.49		
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	3.76	21.69	243	126
Total	3.76	26.41		
Chandrapur				
Unit 3	4.34	61.52	195	164
Unit 4	4.22	83.18	187	162
Unit 5	10.35	218.27	450	368
Unit 6	10.66	224.17	465	355
Unit 7	9.55	209.62	421	360
Unit 8	10.54	226.51	500	131
Total	49.66	1023.28		
Paras				
Unit 3	5.84	120.11	255	201
Unit 4	4.65	106.01	255	122
Total	10.49	226.12		
Khaparkheda				
Unit 1	4.38	28.25	195	160
Unit 2	4.24	28.82	195	160
Unit 3	0.84	50.27	185	0
Unit 4	4.40	35.70	189	166
Unit 5	11.12	240.40	500	372
Total	24.99	383.44		
Nasik				
Unit 3	4.48	70.06	205	165
Unit 4	4.53	98.57	206	162
Unit 5	0.00	27.27	0	0
Total	9.01	195.90		
Uran				
All Units	10.70	232.70	466	421
Total	10.70	232.70		
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)	0.98	18.70	48	33
Total	0.98	18.70		
Koyna				
Stage 1-2	5.34	77.34	475	40
Stage 4	4.21	62.98	549	0
Stage 3	1.97	32.62	160	0
Total	11.53	172.94		
Hydro				
KDPH	0.74	7.52	37	37
VTRNA	0.00	5.00	0	0
TILLARI	0.25	6.82	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	6.56	80	0
RNGR+BHTSA	0.39	3.04	17	16
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	8.01	20	7
GHATGHAR	0.32	10.81	160	0
Total	2.13	49.22		
Wind				
Total	1.80	190.29	0	0
Total	1.80	190.29		
CPP				
APML(Mus)	66.27	1457.70	0	0
JSWEL(Mus)	21.01	468.03	0	0
VIPL(Mus)	12.94	271.74	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.39	94.28	0	0
Other(Mus)	3.37	71.28	0	0
Total	107.98	2363.04		
SOLAR				
Total	1.16	25.49	0	0
Total	1.16	25.49		
Tata				
Trombay 5	10.36	210.78	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	64.52	120	114
Trombay 7B	1.62	37.12	69	65
Trombay 8	5.49	121.20	254	200
TATA Hydro	0.61	86.76	190	14
Total	20.92	520.38		
R-INFRA				
1-2	11.16	235.25	510	385
Total	11.16	235.25		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	89.51
Koradi 9	8.77	100.95
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	136.66	2335.81
MSPGCL Thml+Gas	147.36	2568.51
MSPGCL Hydro	13.66	222.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	161.02	2790.68
Koyna 1,2 & 4 Total	9.55	140.32
State Total	304.05	6125.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Oct/2016

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	4912	282	466	5660	91	4305	0	0	4639	4779	-1100	13735	0	13735	2255	15990	49.93
2	5193	316	452	5961	53	4308	0	0	4035	4024	-999	13347	0	13347	2080	15427	49.94
3	5303	116	464	5883	36	4357	0	0	4088	3915	-866	13325	0	13325	1948	15273	49.99
4	5258	111	466	5835	29	4348	0	0	4186	4248	-795	13665	0	13665	1878	15543	49.97
5	5235	101	441	5777	41	4371	0	0	4599	4460	-764	13885	0	13885	1847	15732	49.94
6	5367	141	459	5967	49	4437	0	0	5157	4827	-755	14525	0	14525	1890	16415	49.95
7	5540	131	449	6120	37	4532	0	4	5239	5179	-529	15343	0	15343	1921	17264	49.99
8	5587	620	458	6665	40	4554	0	30	5357	5411	-540	16160	0	16160	1960	18120	49.97
9	5665	969	455	7089	30	4545	0	79	5393	5580	-677	16646	0	16646	2098	18744	49.99
10	5622	1286	459	7367	25	4545	0	134	5447	5778	-811	17038	0	17038	2228	19266	50.01
11	5706	1113	442	7261	25	4532	0	165	5456	5708	-934	16757	0	16757	2348	19105	49.97
12	5865	585	422	6872	24	4513	0	176	5445	5750	-975	16360	0	16360	2423	18783	49.97
13	5946	675	446	7067	22	4540	0	139	5329	5479	-999	16248	0	16248	2459	18707	49.96
14	5850	730	421	7001	23	4527	0	150	5294	5400	-926	16175	0	16175	2349	18524	50.02
15	5818	1030	430	7278	24	4554	0	130	5292	5475	-944	16517	0	16517	2365	18882	50.00
16	5854	945	428	7227	55	4559	0	97	5288	5432	-925	16445	0	16445	2345	18790	50.00
17	6013	760	439	7212	103	4546	0	48	5312	5292	-877	16324	0	16324	2298	18622	49.99
18	6089	542	428	7059	177	4555	0	11	5365	5555	-847	16510	0	16510	2290	18800	50.01
19	6211	1226	445	7882	263	4584	0	1	5420	5524	-901	17353	0	17353	2438	19791	50.00
20	6251	1180	442	7873	214	4650	0	0	5436	5576	-908	17405	0	17405	2474	19879	50.01
21	6236	293	433	6962	142	4651	0	0	5500	5530	-850	16435	0	16435	2475	18910	50.00
22	6280	209	448	6937	95	4593	0	0	5375	5240	-1012	15853	0	15853	2426	18279	50.05
23	5710	188	458	6356	105	4459	0	0	4923	4934	-1232	14622	0	14622	2365	16987	49.99
24	5153	109	448	5710	102	4412	0	0	4590	4806	-1238	13792	0	13792	2324	16116	50.01
MUs	136.66	13.66	10.70	161.02	1.80	107.98	0.00	1.16	122.17	123.90	-21.40	374.47	0.00	374.47	53.48	427.95	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 23/Oct/2016

Position as on 6.30 Hrs of 24/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		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13:51	23/10/2016	06.39	Zero schedule given by MSEDCL	
MSPGCL	Koyna 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		Continued.	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		Continued.	Ms temp Low.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Oct/2016

Position as on 6.30 Hrs of 24/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	WPCL U-4	135	22/10/2016	07.27	23/10/2016	00.51	Esp Back Filter Problem.	
MSPGCL	Khaparkheda Unit 3	210	22/10/2016	11.00	23/10/2016	09.33	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	23/10/2016	07.05	23/10/2016	10.19	Drum level High	
IPP	JSW (J) U4	300	23/10/2016	10.55	23/10/2016	13.25	ID Fan Problem	
MSPGCL	Khaparkheda Unit 3	210	23/10/2016	13.16	23/10/2016	21.28	Air heater problem	
MSPGCL	Chandrapur Unit-8	500	23/10/2016	22.18	24/10/2016	06.05	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	24/10/2016	06.44		Continued.	Both P A Fan Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 24/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 I	InterState	22/10/2016	23.10	23/10/2016	05.45	HT	Over Voltage
Talegaon PG - Aurangabad - II	InterState	23/10/2016	09.04	23/10/2016	09.15	HT	Taking line reactor out of service.
Talegaon PG - Aurangabad - II	InterState	23/10/2016	14.37	23/10/2016	14.45	HT	Taking line reactor in service.
Dhule Sar'Sarovar II	InterState	24/10/2016	00.40	24/10/2016	05.50	HT	Over Voltage
Ektuni-Bableshwar 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.
Padghe - Kharghar	IntraState	23/10/2016	9.44	23/10/2016	14.59	PO	Attending Hot Spot
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42	23/10/2016	19.45	PO	Tower Erection Work.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar- Alephata	IntraState	22/10/2016	11.16	23/10/2016	23.13	PO	To attend isolator problem.
Salsette Borivli 1	IntraState	23/10/2016	09.42	23/10/2016	17.49	PO	Closer Inspection.
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							
Risod-Yeldari	IntraState	22/10/2016	14.43	23/10/2016	15.59	T	Distance Protection

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