

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 26/Oct/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.734	2770.290	1) Gujrat	2.890	146.117
2) Hydro	6.908	246.913	2) Madhya Pradesh	10.800	295.993
3) Gas	10.745	263.284	3) Chattisgarh	6.610	182.550
Total MSPGCL	163.387	3280.487	4) Maharashtra Net	100.830	2406.760
B) 1) APML	63.288	1650.766	5) Goa (Amona)	-0.594	-16.856
2) JSWEL	21.552	531.791	Total	120.536	3014.564
3) VIPL	12.673	309.862	a) Mumbai Schedule	20.818	529.580
4) RPL(AMT)	10.933	27.803	b) Mumbai Drawl	23.016	651.296
5) WPCL	5.041	109.375	c) MSEDCL Bilateral *	28.198	636.653
6) PGPL	0.000	0.000	Include PX	-1.663	-91.280
7) Other IPP	3.757	82.296	d) Mumbai Bilateral *	20.818	529.580
C) 1) TPCL Thermal	15.671	378.520	Include PX	0.601	17.389
2) TPCL Hydro	5.749	104.652	Include Standby	0.000	0.000
3) TPCL Gas	4.398	114.954	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.331	267.023	1) MSEDCL	384.091	8584.637
D) STATE			2) Mumbai Discoms	59.165	1516.457
1) Thermal	288.980	6127.726	TOTAL STATE	443.256	10101.094
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	12.657	351.565			
3) Gas (A3+B6+C3)	15.143	378.238			
4) Wind	4.647	199.861			
6) SOLAR	1.293	29.128			
TOTAL STATE	322.720	7086.518			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6235	6569	6575	5317
MSPGCL Hydro	535	634	1008	77
MSPGCL Gas	452	442	452	453
MSPGCL Total Generation	7222	7645	8035	5847
Central Sector Receipt	5577	5444	5598	3707
WIND	236	153	199	182
CPP / IPP Thermal	5160	5147	5223	4346
CPP / IPP Gas	0	0	0	0
SOLAR	123	9	0	0
Exchange with Mumbai	-873	-1023	-1062	-714
MSEDCL DEMAND MET	17446	17375	17993	13368
Load Shedding	0	0	0	0
MSEDCL DEMAND	17446	17375	17993	13368
TPCL GENERATION	1360	1366	1388	700
R-INFRA GENERATION	502	507	508	386
MUMBAI DEMAND	2735	2896	2958	1800
STATE DEMAND MET	20181	20271	20951	15168
STATE DEMAND	20181	20271	20951	15168
Frequency (Hz)	49.94	49.98	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.76 Hz at 13.51 Hrs	49.94	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 26/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	3.74	23.50	165	145
Unit 8	11.77	276.20	580	419
Total	15.51	299.70		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.86	66.13	510	360
Unit 5	10.70	35.06	510	300
Total	21.56	101.19		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.91	11.45	228	165
Unit 7	1.91	32.58	191	0
Total	6.83	44.03		
Chandrapur				
Unit 3	4.52	74.89	200	162
Unit 4	4.41	96.21	195	165
Unit 5	9.94	248.43	445	365
Unit 6	10.40	254.94	470	360
Unit 7	9.31	237.55	406	358
Unit 8	10.52	252.21	496	370
Total	49.09	1164.22		
Paras				
Unit 3	0.00	127.76	0	0
Unit 4	5.38	122.69	250	195
Total	5.38	250.46		
Khaparkheda				
Unit 1	4.06	40.60	190	110
Unit 2	4.27	41.52	190	160
Unit 3	4.47	63.64	201	159
Unit 4	4.31	48.30	191	161
Unit 5	11.11	273.18	500	370
Total	28.23	467.24		
Nasik				
Unit 3	4.27	82.97	200	160
Unit 4	4.29	111.60	208	162
Unit 5	0.00	27.27	0	0
Total	8.56	221.84		
Uran				
All Units	10.74	263.28	475	422
Total	10.74	263.28		
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)	0.89	21.46	53	21
Total	0.89	21.46		
Koyna				
Stage 1-2	2.84	85.51	275	40
Stage 4	1.40	69.21	397	0
Stage 3	0.75	35.66	146	0
Total	4.99	190.37		
Hydro				
KDPH	0.00	9.29	0	0
VTRNA	0.00	5.00	0	0
TILLARI	0.24	7.56	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	7.45	80	0
RNGR+BHTSA	0.37	3.80	16	15
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	9.55	28	15
GHATGHAR	0.59	12.43	240	0
Total	1.92	56.54		
Wind				
Total	4.65	199.86	0	0
Total	4.65	199.86		
CPP				
APML(Mus)	63.29	1650.77	0	0
JSWEL(Mus)	21.55	531.79	0	0
VIPL(Mus)	12.67	309.86	0	0
RPLAMT(Mus)	10.93	27.80	0	0
WPCL(Mus)	5.04	109.38	0	0
Other(Mus)	3.76	82.30	0	0
Total	117.24	2711.89		
SOLAR				
Total	1.29	29.13	0	0
Total	1.29	29.13		
Tata				
Trombay 5	10.15	240.90	496	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	72.99	120	106
Trombay 7B	1.60	41.96	68	65
Trombay 8	5.52	137.62	251	200
TATA Hydro	5.75	104.65	459	0
Total	25.82	598.13		
R-INFRA				
1-2	10.33	267.02	508	383
Total	10.33	267.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	89.85	MSPGCL Thermal	145.73	2770.29	MSPGCL Total	163.39	3280.49
Koradi 9	10.57	131.75	MSPGCL Thml+Gas	156.48	3033.57	Koyna 1,2 & 4 Total	4.23	154.71
Koradi 10	0.00	0.00	MSPGCL Hydro	6.91	246.91	State Total	322.72	7086.52
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5381	82	465	5928	196	4574	0	0	4083	3795	-990	13503	0	13503	2074	15577	49.94
2	5294	82	456	5832	179	4386	0	0	3693	3963	-792	13568	0	13568	1875	15443	49.92
3	5317	77	453	5847	182	4346	0	0	3757	3707	-714	13368	0	13368	1800	15168	49.96
4	5297	82	466	5845	186	4359	0	0	3744	3726	-651	13465	0	13465	1736	15201	49.92
5	5274	72	466	5812	238	4349	0	0	4243	4224	-643	13980	0	13980	1730	15710	49.88
6	5354	77	475	5906	251	4381	0	0	4980	4899	-714	14723	0	14723	1804	16527	49.93
7	6088	77	472	6637	260	4813	0	0	4985	4693	-684	15720	0	15720	1890	17610	50.00
8	6316	137	471	6924	207	5062	0	36	5088	5016	-596	16649	0	16649	2089	18738	49.96
9	6363	97	438	6898	192	5152	0	90	5266	5590	-570	17352	0	17352	2323	19675	49.91
10	6235	535	452	7222	236	5160	0	123	5415	5577	-873	17446	0	17446	2735	20181	49.94
11	6142	433	457	7032	216	5132	0	172	5611	5746	-1057	17240	0	17240	2884	20124	49.95
12	6274	387	427	7088	165	5102	0	196	5495	5483	-1276	16758	0	16758	2980	19738	49.94
13	6334	433	436	7203	131	5023	0	186	5527	5521	-1269	16796	0	16796	2963	19758	49.93
14	6406	311	426	7143	121	5052	0	173	5481	5496	-1139	16846	0	16846	2870	19716	49.87
15	6466	376	423	7265	108	5127	0	150	5449	5285	-1134	16801	0	16801	2914	19715	49.87
16	6497	382	427	7306	124	5181	0	105	5419	5437	-1048	17106	0	17106	2943	20049	49.92
17	6541	531	422	7494	115	5185	0	53	5430	5321	-1028	17140	0	17140	2924	20064	49.89
18	6569	634	442	7645	153	5147	0	9	5342	5444	-1023	17375	0	17375	2896	20271	49.98
19	6575	1008	452	8035	199	5223	0	0	5552	5598	-1062	17993	0	17993	2958	20951	49.95
20	6595	769	423	7787	187	5234	0	0	5682	5648	-1058	17798	0	17798	2896	20694	49.96
21	6559	110	442	7111	179	5147	0	0	5706	5665	-1021	17081	0	17081	2699	19780	49.95
22	6407	71	448	6926	225	4950	0	0	5380	5148	-1271	15978	0	15978	2523	18501	50.00
23	5941	75	465	6481	272	4727	0	0	5245	5120	-1264	15336	0	15336	2387	17723	49.98
24	5509	70	441	6020	325	4430	0	0	4628	4434	-1139	14070	0	14070	2272	16342	49.94
MUs	145.73	6.91	10.75	163.39	4.65	117.24	0.00	1.29	121.20	120.54	-23.02	384.09	0.00	384.09	59.16	443.26	49.94

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 26/Oct/2016

Position as on 6.30 Hrs of 27/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	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
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.	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule 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	
CENT.SECTOR	TARAPUR 4	540	21/10/2016	19.00	27/10/2016	03.29	Reactor problem	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Parli Unit 7	250	26/10/2016	00.53	26/10/2016	13.07	Furnace Pressure High	
MSPGCL	Parli Unit 6	250	27/10/2016	07.30		Continued.	Coal mill problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Oct/2016

Position as on 6.30 Hrs of 27/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	27/10/2016	14.50		Continued.	Water Wall intermediate tube temp.high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 27/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							
Dhule Sar'Sarovar II	InterState	25/10/2016	22.31	26/10/2016	06.57	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	26/10/2016	11.40	26/10/2016	17.04	PO	Attending Oil Leakage
Dhule Sar'Sarovar I	InterState	27/10/2016	01.11	27/10/2016	06.55	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 - Kalwa-II	IntraState	25/10/2016	23.58	26/10/2016	03.12	EO	Attending Hot Spot
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	27/10/2016	09.20	27/10/2016	09.25	HT	Taking out of Reactor
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	27/10/2016	13.49	27/10/2016	13.54	HT	Taking in service of Reactor
karad -kolhapur-II	IntraState	27/10/2016	22.34		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	26/10/2016	06.17	26/10/2016	09.15	EO	Attending Oil Leakage
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	27/10/2016	06.15	27/10/2016	09.13	EO	To attend Hot Spot
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	27/10/2016	11.20	27/10/2016	20.44	EO	To attend 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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
Kalwa Salsette III	IntraState	26/10/2016	00.28	26/10/2016	04.14	PO	New 220kv Bus Fault Intregation.
Dhamangaon New - Badnera	IntraState	26/10/2016	10.30	26/10/2016	17.30	PO	Tan Delta Measurment of CTs
Beed-Patoda Ckt 1	IntraState	26/10/2016	10.48	26/10/2016	13.33	EO	To attend Hot Spot
Flagship-Chinchwad	IntraState	26/10/2016	11.21	26/10/2016	16.59	PO	Routine Maintenance Work
Osmanabad - Barshi	IntraState	26/10/2016	11.33	26/10/2016	17.45	PO	Relay Retrofitting Work by Testing
Paras-Chikhali Ckt No-I	IntraState	26/10/2016	11.38	26/10/2016	15.30	PO	Alignment work of Line Isolator
Gadchandur - Virur-I	IntraState	26/10/2016	12.03	26/10/2016	14.30	PO	Disc Insulator Replacement Work
Parli New Tps - Beed Ckt 2	IntraState	26/10/2016	14.23	26/10/2016	17.00	PO	Quarterly Maintainance Work
Khaparkheda-Kanhan	IntraState	26/10/2016	14.26	26/10/2016	20.30	PO	Tan Delta Measurment of CTs
Butibori - Khaperkheda	IntraState	26/10/2016	16.05	26/10/2016	17.05	PO	Isolator Maint.work
Kalwa-Salsette-IV	IntraState	26/10/2016	23.56	27/10/2016	03.34	PO	Installation of New Relay
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
Khaparkheda-Kanhan	IntraState	27/10/2016	09.03	27/10/2016	12.04	PO	Isolator problem
Chakan-Mahindra Vehicle	IntraState	27/10/2016	09.09	27/10/2016	17.05	PO	Routine Maintenance Work
Mudshingi-Belewadi	IntraState	27/10/2016	10.15	27/10/2016	12.50	PO	Routine Maintenance Work
Pusad - Hingoli	IntraState	27/10/2016	10.56	27/10/2016	14.24	EO	To attend Hot Spot

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 26/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 27/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Abhijeet-Wardha-I	IntraState	27/10/2016	11.02	27/10/2016	20.57	PO	Replacement of CT
512 Khadki- Century Enka	IntraState	27/10/2016	11.04	27/10/2016	15.05	PO	Tree Cutting work
Kandalgaon - Pirangut	IntraState	27/10/2016	13.50	27/10/2016	17.46	PO	Insulator Replacement 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)
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	26/10/2016	10.00	26/10/2016	18.44	PO	Routine Maintenance Work
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	26/10/2016	11.39	26/10/2016	14.21	PO	Testing Work
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	26/10/2016	13.55	26/10/2016	14.01	T	Bus Bar Protection Operated
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	26/10/2016	13.55	26/10/2016	14.02	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Parbhani - Parbhani I	IntraState	26/10/2016	13.55	26/10/2016	14.01	T	Bus Bar Protection Operated
Main Bus I @ Parbhani	IntraState	26/10/2016	13.55	26/10/2016	13.58	T	Bus Bar Protection Operated
Parbhani-Purna	IntraState	26/10/2016	13.55	26/10/2016	14.02	T	Bus Bar Protection Operated
Pbn-Ii - Pathri	IntraState	26/10/2016	13.55	26/10/2016	14.03	T	Bus Bar Protection Operated
Parbhani-Bageshwari	IntraState	26/10/2016	13.55	26/10/2016	14.04	T	Bus Bar Protection Operated

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