

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 27/Oct/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.086	2907.376	1) Gujrat	1.559	147.676
2) Hydro	8.271	255.184	2) Madhya Pradesh	10.274	306.267
3) Gas	10.696	273.980	3) Chattisgarh	7.160	189.710
Total MSPGCL	156.053	3436.540	4) Maharashtra Net	101.292	2508.052
B) 1) APML	62.917	1713.683	5) Goa (Amona)	-0.594	-17.450
2) JSWEL	21.176	552.967	Total	119.691	3134.255
3) VIPL	11.374	321.236	a) Mumbai Schedule	18.155	547.735
4) RPL(AMT)	10.090	37.893	b) Mumbai Drawl	23.383	674.679
5) WPCL	5.176	114.551	c) MSEDCL Bilateral *	24.996	661.649
6) PGPL	0.000	0.000	Include PX	-3.385	-94.664
7) Other IPP	4.318	86.614	d) Mumbai Bilateral *	18.155	547.735
C) 1) TPCL Thermal	15.186	393.706	Include PX	0.409	17.798
2) TPCL Hydro	6.053	110.705	Include Standby	0.000	0.000
3) TPCL Gas	4.447	119.401	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.674	277.697	1) MSEDCL	378.049	8962.686
D) STATE			2) Mumbai Discoms	59.743	1576.200
1) Thermal	277.997	6405.723	TOTAL STATE	437.792	10538.886
(A1+C1+C4+(B1-B6))					
2) Hydro	14.324	365.889			
(A2+C2)					
3) Gas	15.143	393.381			
(A3+B6+C3)					
4) Wind	9.321	209.182			
6) SOLAR	1.316	30.444			
TOTAL STATE	318.101	7404.619			

* 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 4 Hrs
MSPGCL Thermal	6438	5854	5921	5591
MSPGCL Hydro	500	508	1486	88
MSPGCL Gas	453	440	441	464
MSPGCL Total Generation	7391	6802	7848	6143
Central Sector Receipt	5513	5463	5685	3380
WIND	479	291	343	299
CPP / IPP Thermal	5165	5096	5190	4316
CPP / IPP Gas	0	0	0	0
SOLAR	127	9	0	0
Exchange with Mumbai	-947	-1006	-1053	-648
MSEDCL DEMAND MET	17728	16656	18013	13490
Load Shedding	0	0	0	0
MSEDCL DEMAND	17728	16656	18013	13490
TPCL GENERATION	1336	1373	1369	698
R-INFRA GENERATION	503	505	504	386
MUMBAI DEMAND	2786	2884	2926	1732
STATE DEMAND MET	20514	19540	20939	15222
STATE DEMAND	20514	19540	20939	15222
Frequency (Hz)	49.98	49.96	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.03 Hrs	49.75 Hz at 04.07 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 27/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	27.10	165	135
Unit 8	11.89	288.09	530	394
Total	15.49	315.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.90	76.04	505	355
Unit 5	9.88	44.94	505	350
Total	19.78	120.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.30	12.75	191	0
Unit 7	4.69	37.28	233	155
Total	5.99	50.03		
Chandrapur				
Unit 3	4.40	79.28	202	164
Unit 4	4.38	100.60	194	173
Unit 5	9.67	258.10	450	368
Unit 6	9.65	264.58	455	350
Unit 7	9.34	246.89	425	359
Unit 8	10.10	262.31	500	260
Total	47.54	1211.76		
Paras				
Unit 3	0.00	127.76	0	0
Unit 4	5.25	127.94	252	190
Total	5.25	255.71		
Khaparkheda				
Unit 1	3.91	44.51	190	135
Unit 2	4.14	45.66	190	150
Unit 3	4.30	67.94	200	159
Unit 4	4.15	52.45	190	161
Unit 5	10.49	283.66	500	365
Total	26.99	494.23		
Nasik				
Unit 3	4.11	87.08	200	160
Unit 4	4.12	115.72	201	163
Unit 5	0.00	27.27	0	0
Total	8.23	230.07		
Uran				
All Units	10.70	273.98	471	417
Total	10.70	273.98		
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)	0.92	22.38	53	21
Total	0.92	22.38		
Koyna				
Stage 1-2	2.61	88.12	400	40
Stage 4	2.39	71.60	911	0
Stage 3	1.09	36.75	160	0
Total	6.09	196.46		
Hydro				
KDPH	0.00	9.29	0	0
VTRNA	0.00	5.00	0	0
TILLARI	0.38	7.94	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	7.75	80	0
RNGR+BHTSA	0.37	4.18	16	15
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	10.04	28	17
GHATGHAR	0.64	13.08	240	0
Total	2.18	58.72		
Wind				
Total	9.32	209.18	0	0
Total	9.32	209.18		
CPP				
APML(Mus)	62.92	1713.68	0	0
JSWEL(Mus)	21.18	552.97	0	0
VIPL(Mus)	11.37	321.24	0	0
RPLAMT(Mus)	10.09	37.89	0	0
WPCL(Mus)	5.18	114.55	0	0
Other(Mus)	4.32	86.61	0	0
Total	115.05	2826.94		
SOLAR				
Total	1.32	30.44	0	0
Total	1.32	30.44		
Tata				
Trombay 5	9.76	250.67	495	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	75.82	120	114
Trombay 7B	1.62	43.58	69	66
Trombay 8	5.42	143.04	250	199
TATA Hydro	6.05	110.70	459	4
Total	25.69	623.81		
R-INFRA				
1-2	10.67	277.70	510	384
Total	10.67	277.70		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	89.85
Koradi 9	7.81	139.56
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	137.09	2907.38
MSPGCL Thml+Gas	147.78	3181.36
MSPGCL Hydro	8.27	255.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	156.05	3436.54
Koyna 1,2 & 4 Total	5.00	159.71
State Total	318.10	7404.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5511	78	471	6060	338	4371	0	0	3717	3666	-978	13457	0	13457	2060	15517	49.95
2	5501	78	456	6035	334	4351	0	0	3700	3644	-831	13533	0	13533	1916	15449	49.97
3	5575	78	467	6120	293	4362	0	0	3704	3703	-712	13766	0	13766	1796	15562	49.98
4	5591	88	464	6143	299	4316	0	0	3718	3380	-648	13490	0	13490	1732	15222	49.94
5	5592	233	455	6280	289	4271	0	0	3558	3569	-644	13765	0	13765	1731	15496	49.89
6	5580	123	469	6172	297	4290	0	0	4728	4655	-732	14682	0	14682	1835	16517	49.93
7	6124	88	459	6671	326	4647	0	1	5166	4898	-764	15779	0	15779	1904	17683	49.94
8	6259	83	466	6808	262	4904	0	34	5295	5352	-734	16626	0	16626	2138	18764	49.93
9	6416	394	453	7263	238	5128	0	94	5467	5031	-695	17059	0	17059	2319	19378	49.99
10	6438	500	453	7391	479	5165	0	127	5540	5513	-947	17728	0	17728	2786	20514	49.98
11	6135	174	446	6755	752	5029	0	175	5676	5292	-1135	16868	0	16868	2966	19834	49.96
12	5537	140	439	6116	713	4847	0	182	5624	5399	-1177	16080	0	16080	3040	19120	49.98
13	5353	254	419	6026	471	4776	0	186	5511	5634	-1119	15974	4	15978	3002	18980	49.97
14	5542	130	417	6089	412	4772	0	177	5536	5616	-1059	16007	4	16011	2907	18918	50.00
15	5430	324	420	6174	349	4807	0	162	5571	5835	-1086	16241	4	16245	2940	19185	49.95
16	5590	573	418	6581	289	4924	0	114	5683	5690	-1098	16500	4	16504	2965	19469	49.95
17	5853	389	417	6659	305	5096	0	55	5626	5384	-1058	16441	0	16441	2930	19371	49.88
18	5854	508	440	6802	291	5096	0	9	5661	5463	-1006	16656	0	16656	2884	19540	49.96
19	5921	1486	441	7848	343	5190	0	0	5757	5685	-1053	18013	0	18013	2926	20939	49.98
20	5903	954	434	7291	443	5225	0	0	5864	5903	-1002	17860	0	17860	2862	20722	49.98
21	5687	522	446	6655	473	4979	0	0	5733	5704	-1117	16694	0	16694	2722	19416	49.95
22	5583	806	457	6846	476	4883	0	0	5134	5206	-1189	16222	0	16222	2564	18786	49.99
23	5221	163	440	5824	437	4826	0	0	5249	5047	-1323	14811	0	14811	2458	17269	49.96
24	4890	105	449	5444	412	4795	0	0	4603	4422	-1276	13797	0	13797	2360	16157	49.98
MUs	137.09	8.27	10.70	156.05	9.32	115.05	0.00	1.32	121.82	119.69	-23.38	378.05	0.02	378.07	59.74	437.81	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 27/Oct/2016

Position as on 6.30 Hrs of 28/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 6	250	27/10/2016	07.30		Continued.	Coal mill broblem	
MSPGCL	Koradi Unit 9	660	27/10/2016	14.50		Continued.	Water Wall intermediate tube temp.high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Oct/2016

Position as on 6.30 Hrs of 28/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	28/10/2016	02.03	28/10/2016	04.34	Damper Discrepancy	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 28/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 I	InterState	27/10/2016	01.11	27/10/2016	06.55	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/10/2016	01.13	28/10/2016	06.50	HT	Over Voltage
Dabhol Nagothane I	InterState	28/10/2016	12.48		Continued.	T	Distance Protection(RFC 07.40Hrs)
Dhule Sar'Sarovar I	InterState	28/10/2016	20.31		Continued.	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)
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	28/10/2016	08.29	HT	Over Voltage
karad -kolhapur-I	IntraState	28/10/2016	23.52		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/10/2016	23.57		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
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)
Borivali - Tarapur	InterState	28/10/2016	23.36		Continued.	HT	Attending Hot Spot
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.
Bableswhar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
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
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
Nagar-Bose I	IntraState	28/10/2016	07.28	28/10/2016	16.58	T	Under Breakdown
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)
132 KV LINE Outages/Trippings							

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 27/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Partur - Jalna (Old)	IntraState	28/10/2016	00.33	28/10/2016	13.20	T	Distance Protection
132KV Niwali - Vikasugar	IntraState	28/10/2016	20.24		Continued.	T	Line Diff.Prot.operated