

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 28/Oct/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.025	3038.401	1) Gujrat	0.375	148.051
2) Hydro	11.921	267.105	2) Madhya Pradesh	9.825	316.092
3) Gas	9.396	283.376	3) Chattisgarh	6.690	196.400
Total MSPGCL	152.342	3588.882	4) Maharashtra Net	103.057	2611.109
B) 1) APML	64.527	1778.210	5) Goa (Amona)	-0.622	-18.072
2) JSWEL	21.012	573.979	Total	119.325	3253.580
3) VIPL	12.144	333.380	a) Mumbai Schedule	18.781	566.516
4) RPL(AMT)	10.420	48.313	b) Mumbai Drawl	23.560	698.239
5) WPCL	5.150	119.701	c) MSEDCL Bilateral *	26.284	687.933
6) PGPL	0.000	0.000	Include PX	-2.791	-97.455
7) Other IPP	4.284	90.898	d) Mumbai Bilateral *	18.781	566.516
C) 1) TPCL Thermal	14.855	408.561	Include PX	0.317	18.115
2) TPCL Hydro	6.379	117.084	Include Standby	0.000	0.000
3) TPCL Gas	4.448	123.849	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.049	287.746	1) MSEDCL	372.659	9335.345
D) STATE			2) Mumbai Discoms	59.291	1635.491
1) Thermal	273.466	6679.189	TOTAL STATE	431.950	10970.836
(A1+C1+C4+(B1-B6))					
2) Hydro	18.300	384.189			
(A2+C2)					
3) Gas	13.844	407.225			
(A3+B6+C3)					
4) Wind	5.692	214.874			
6) SOLAR	1.323	31.767			
TOTAL STATE	312.625	7717.244			

* 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	5870	5788	5798	4866
MSPGCL Hydro	731	648	1552	62
MSPGCL Gas	442	428	439	331
MSPGCL Total Generation	7043	6864	7789	5259
Central Sector Receipt	5422	5260	5362	3929
WIND	317	99	92	291
CPP / IPP Thermal	5165	5228	5169	4506
CPP / IPP Gas	0	0	0	0
SOLAR	143	12	0	0
Exchange with Mumbai	-920	-927	-988	-763
MSEDCL DEMAND MET	17170	16536	17424	13222
Load Shedding	0	0	0	0
MSEDCL DEMAND	17170	16536	17424	13222
TPCL GENERATION	1355	1385	1385	698
R-INFRA GENERATION	477	509	509	386
MUMBAI DEMAND	2752	2821	2882	1847
STATE DEMAND MET	19922	19357	20306	15069
STATE DEMAND	19922	19357	20306	15069
Frequency (Hz)	49.92	49.88	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 05.01 Hrs	49.75 Hz at 17.25 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 28/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	3.35	30.46	160	115
Unit 8	11.19	299.28	498	440
Total	14.54	329.73		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.74	86.78	510	370
Unit 5	10.62	55.56	510	370
Total	21.36	142.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	12.75	0	0
Unit 7	5.01	42.29	248	176
Total	5.01	55.04		
Chandrapur				
Unit 3	4.44	83.72	202	163
Unit 4	4.49	105.09	197	174
Unit 5	9.82	267.92	450	360
Unit 6	10.27	274.86	470	357
Unit 7	9.34	256.24	410	360
Unit 8	10.36	272.67	501	360
Total	48.72	1260.48		
Paras				
Unit 3	0.00	127.76	0	0
Unit 4	5.43	133.37	247	193
Total	5.43	261.14		
Khaparkheda				
Unit 1	4.19	48.70	195	155
Unit 2	4.23	49.90	195	160
Unit 3	4.31	72.26	200	160
Unit 4	4.30	56.74	192	162
Unit 5	10.66	294.32	500	369
Total	27.68	521.91		
Nasik				
Unit 3	4.11	91.19	200	160
Unit 4	4.16	119.88	201	163
Unit 5	0.00	27.27	0	0
Total	8.27	238.34		
Uran				
All Units	9.40	283.38	466	287
Total	9.40	283.38		
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)	0.97	23.36	49	36
Total	0.97	23.36		
Koyna				
Stage 1-2	4.80	92.91	500	40
Stage 4	3.54	75.13	564	0
Stage 3	1.62	38.37	240	0
Total	9.95	206.41		
Hydro				
KDPH	0.11	9.40	19	0
VTRNA	0.00	5.00	0	0
TILLARI	0.37	8.31	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	8.19	80	0
RNGR+BHTSA	0.00	4.18	0	0
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	10.51	30	16
GHATGHAR	0.58	13.66	250	0
Total	1.97	60.69		
Wind				
Total	5.69	214.87	0	0
Total	5.69	214.87		
CPP				
APML(Mus)	64.53	1778.21	0	0
JSWEL(Mus)	21.01	573.98	0	0
VIPL(Mus)	12.14	333.38	0	0
RPLAMT(Mus)	10.42	48.31	0	0
WPCL(Mus)	5.15	119.70	0	0
Other(Mus)	4.28	90.90	0	0
Total	117.54	2944.48		
SOLAR				
Total	1.32	31.77	0	0
Total	1.32	31.77		
Tata				
Trombay 5	9.63	260.30	495	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	78.66	120	114
Trombay 7B	1.61	45.19	69	65
Trombay 8	5.22	148.26	248	200
TATA Hydro	6.38	117.08	459	0
Total	25.68	649.49		
R-INFRA				
1-2	10.05	287.75	510	385
Total	10.05	287.75		

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

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.02	3038.40
MSPGCL Thml+Gas	140.42	3321.78
MSPGCL Hydro	11.92	267.10

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	152.34	3588.88
Koyna 1,2 & 4 Total	8.33	168.04
State Total	312.62	7717.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	4883	57	465	5405	369	4776	0	0	3719	3896	-1009	13437	0	13437	2126	15563	49.95
2	4864	57	457	5378	314	4744	0	0	3797	3757	-878	13315	0	13315	1962	15277	49.99
3	4866	62	331	5259	291	4506	0	0	3864	3929	-763	13222	0	13222	1847	15069	49.98
4	4874	57	308	5239	243	4363	0	0	3884	4152	-696	13301	0	13301	1780	15081	49.96
5	4884	347	327	5558	215	4355	0	0	3868	4335	-663	13800	0	13800	1748	15548	49.97
6	4997	525	330	5852	253	4496	0	0	4526	4463	-717	14347	0	14347	1816	16163	49.95
7	5454	417	369	6240	260	4800	0	3	5030	4662	-742	15223	0	15223	1926	17149	49.93
8	5822	262	378	6462	225	4958	0	32	5252	5365	-636	16406	0	16406	2056	18462	49.94
9	5847	407	432	6686	233	5059	0	92	5455	5680	-834	16916	0	16916	2456	19372	49.93
10	5870	731	442	7043	317	5165	0	143	5512	5422	-920	17170	0	17170	2752	19922	49.92
11	5900	398	443	6741	453	5078	0	168	5595	5618	-1180	16878	0	16878	2954	19832	49.92
12	5405	281	430	6116	432	4928	0	185	5574	5659	-1358	15962	0	15962	3012	18974	49.89
13	5289	931	288	6508	326	4847	0	193	5370	5576	-1325	16125	0	16125	2962	19087	49.92
14	5647	892	296	6835	222	4889	0	179	5260	5260	-1191	16194	0	16194	2830	19024	49.96
15	5765	646	287	6698	200	5006	0	150	5276	5331	-1214	16171	0	16171	2851	19022	49.94
16	5684	623	315	6622	140	5024	0	103	5297	5518	-1143	16264	0	16264	2860	19124	49.92
17	5754	587	364	6705	120	5052	0	63	5254	5379	-1036	16283	0	16283	2865	19148	49.88
18	5788	648	428	6864	99	5228	0	12	5145	5260	-927	16536	0	16536	2821	19357	49.88
19	5798	1552	439	7789	92	5169	0	0	5261	5362	-988	17424	0	17424	2882	20306	49.96
20	5834	1260	446	7540	92	5233	0	0	5279	5462	-968	17359	0	17359	2814	20173	49.97
21	5897	607	443	6947	182	5216	0	0	5237	5118	-951	16512	0	16512	2746	19258	49.93
22	5712	252	456	6420	203	5110	0	0	4876	4842	-946	15629	0	15629	2522	18151	49.97
23	5286	179	466	5931	204	4851	0	0	4786	4793	-1266	14513	0	14513	2401	16914	49.95
24	4905	143	456	5504	207	4683	0	0	4177	4486	-1209	13671	0	13671	2302	15973	49.98
MUs	131.02	11.92	9.40	152.34	5.69	117.54	0.00	1.32	117.29	119.32	-23.56	372.66	0.00	372.66	59.29	431.95	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 28/Oct/2016

Position as on 6.30 Hrs of 29/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	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Parli Unit 6	250	27/10/2016	07.30	29/10/2016	16.48	Coal mill broblem	
MSPGCL	Koradi Unit 9	660	27/10/2016	14.50	29/10/2016	00.32	Water Wall intermediate tube temp.high	
MSPGCL	Uran Unit 5	108	28/10/2016	02.03	28/10/2016	04.34	Damper Discrepancy	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Oct/2016

Position as on 6.30 Hrs of 29/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	29/10/2016	03.53	29/10/2016	07.12	HPT Exhaust Temp.High	
MSPGCL	Parli Unit 7	250	29/10/2016	07.13		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	29/10/2016	18.15	29/10/2016	21.21	Turbine Problem	
MSPGCL	Koradi Unit 7	210	29/10/2016	20.13		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	29/10/2016	22.00		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	29/10/2016	23.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	29/10/2016	23.37		Continued.	Generator Seal Oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 29/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	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	29/10/2016	08.24	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/10/2016	21.04		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)
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	29/10/2016	09.31	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/10/2016	23.57		Continued.	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	29/10/2016	10.11	29/10/2016	14.23	PO	Quarterly Maintainance Work
Bhusawal-Aurangabad	IntraState	29/10/2016	14.04	29/10/2016	16.05	EO	To attend Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	29/10/2016	11.43	29/10/2016	13.47	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
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)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Borivali - Tarapur	InterState	28/10/2016	23.36	29/10/2016	01.10	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 - 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.
Nagar-Bose I	IntraState	28/10/2016	07.28	28/10/2016	16.58	T	Under Breakdown
Chandrapur GCR - Sicom I	IntraState	29/10/2016	08.17	29/10/2016	13.10	PO	Routine Maintenance Work
Pophli Pedhmbe Line- 1	IntraState	29/10/2016	09.10	29/10/2016	11.55	PO	Oil Top Up in CT
Koradi II - Kawlewada	IntraState	29/10/2016	09.14	29/10/2016	11.58	EO	To attend Hot Spot
Tata Borivli MSETCL Borivli 5	IntraState	29/10/2016	09.49	29/10/2016	12.25	EO	To attend Hot Spot
Butibori - Khaperkheda	IntraState	29/10/2016	10.27	29/10/2016	12.31	PO	Repl.of Isolator Blade
Nanded-Parbhani	IntraState	29/10/2016	17.02	29/10/2016	19.37	HT	Heavy Sparking
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							
Partur - Jalna (Old)	IntraState	28/10/2016	00.33	28/10/2016	13.20	T	Distance Protection
132KV Niwali - Vikassugar	IntraState	28/10/2016	20.24	29/10/2016	17.34	T	Line Diff.Prot.operated
Dondaicha-Nandurbar	IntraState	29/10/2016	11.45	29/10/2016	12.03	T	Master Trip Relay operated

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