

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Oct/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.607	1263.480	1) Gujrat	3.601	90.294
2) Hydro	11.544	105.603	2) Madhya Pradesh	12.832	156.765
3) Gas	10.637	139.084	3) Chattisgarh	7.850	99.410
Total MSPGCL	120.788	1508.167	4) Maharashtra Net	93.732	1159.392
B) 1) APML	66.206	864.382	5) Goa (Amona)	-0.692	-9.574
2) JSWEL	20.256	284.994	Total	117.323	1496.287
3) VIPL	13.125	156.150	a) Mumbai Schedule	22.369	266.451
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.752	358.166
5) WPCL	5.128	52.169	c) MSEDCL Bilateral *	28.676	313.379
6) PGPL	0.000	0.000	Include PX	-1.173	-71.724
7) Other IPP	2.780	37.162	d) Mumbai Bilateral *	22.369	266.451
C) 1) TPCL Thermal	15.123	189.855	Include PX	0.931	4.854
2) TPCL Hydro	4.975	46.473	Include Standby	0.000	0.000
3) TPCL Gas	4.450	61.626	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.785	136.608	1) MSEDCL	323.977	4218.227
D) STATE			2) Mumbai Discoms	61.085	792.740
1) Thermal	232.010	2984.800	TOTAL STATE	385.062	5010.967
(A1+C1+C4+(B1-B6))					
2) Hydro	16.519	152.076			
(A2+C2)					
3) Gas	15.087	200.710			
(A3+B6+C3)					
4) Wind	2.778	163.029			
6) SOLAR	1.345	14.053			
TOTAL STATE	267.739	3514.668			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4424	4202	4230	3668
MSPGCL Hydro	642	874	1877	116
MSPGCL Gas	436	437	433	463
MSPGCL Total Generation	5502	5513	6540	4247
Central Sector Receipt	5004	4982	5562	3912
WIND	123	138	174	135
CPP / IPP Thermal	4575	4526	4507	4303
CPP / IPP Gas	0	0	0	0
SOLAR	111	11	0	0
Exchange with Mumbai	-969	-1246	-1184	-727
MSEDCL DEMAND MET	14346	13925	15599	11871
Load Shedding	0	0	0	0
MSEDCL DEMAND	14346	13925	15599	11871
TPCL GENERATION	1330	1188	1222	700
R-INFRA GENERATION	509	510	508	386
MUMBAI DEMAND	2808	2944	2914	1813
STATE DEMAND MET	17154	16869	18513	13684
STATE DEMAND	17154	16869	18513	13684
Frequency (Hz)	50.00	49.97	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.00 Hrs	49.77 Hz at 10.42 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 14/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	0.00	0.00	0	0
Unit 8	11.30	138.31	520	401
Total	11.30	138.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	30.86	0	0
Unit 4	4.32	44.71	186	166
Unit 5	9.74	127.47	435	370
Unit 6	10.24	130.20	460	360
Unit 7	9.38	124.85	428	355
Unit 8	10.40	129.78	498	310
Total	44.09	587.87		
Paras				
Unit 3	5.38	69.82	245	192
Unit 4	5.68	70.09	257	190
Total	11.06	139.92		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	18.33	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.24	140.76	500	370
Total	11.24	159.08		
Nasik				
Unit 3	4.36	30.42	200	165
Unit 4	4.41	58.35	203	166
Unit 5	0.00	27.27	0	0
Total	8.78	116.04		
Uran				
All Units	10.64	139.08	465	417
Total	10.64	139.08		
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)	1.08	10.60	54	26
Total	1.08	10.60		
Koyna				
Stage 1-2	4.14	38.74	490	40
Stage 4	3.77	20.96	755	0
Stage 3	2.01	14.69	240	0
Total	9.92	74.39		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.37	4.39	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	3.87	80	0
RNGR+BHTSA	0.00	1.30	0	0
BHANDARDRA	0.16	1.27	12	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	5.98	20	8
GHATGHAR	0.49	4.17	240	0
Total	1.62	31.21		
Wind				
Total	2.78	163.03	0	0
Total	2.78	163.03		
CPP				
APML(Mus)	66.21	864.38	0	0
JSWEL(Mus)	20.26	284.99	0	0
VIPL(Mus)	13.12	156.15	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.13	52.17	0	0
Other(Mus)	2.78	37.16	0	0
Total	107.50	1394.86		
SOLAR				
Total	1.34	14.05	0	0
Total	1.34	14.05		
Tata				
Trombay 5	9.53	118.21	488	292
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	39.03	120	115
Trombay 7B	1.62	22.59	69	66
Trombay 8	5.59	71.64	249	200
TATA Hydro	4.98	46.47	459	28
Total	24.55	297.95		
R-INFRA				
1-2	10.78	136.61	510	386
Total	10.78	136.61		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.85	50.59
Koradi 9	7.28	71.66
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	98.61	1263.48
MSPGCL Thml+Gas	109.24	1402.56
MSPGCL Hydro	11.54	105.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	120.79	1508.17
Koyna 1,2 & 4 Total	7.92	59.70
State Total	267.74	3514.67

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	3716	213	462	4391	111	4340	0	0	4417	4517	-997	12362	0	12362	2081	14443	49.96
2	3662	208	451	4321	109	4302	0	0	3904	4095	-802	12025	0	12025	1892	13917	50.00
3	3668	116	463	4247	135	4303	0	0	3878	3912	-727	11871	0	11871	1813	13684	49.99
4	3663	48	453	4164	161	4301	0	0	3833	4110	-662	12074	0	12074	1751	13825	50.00
5	3639	53	455	4147	168	4293	0	0	4015	4113	-670	12051	0	12051	1758	13809	50.00
6	4016	193	449	4658	128	4421	0	0	4375	4406	-723	12890	0	12890	1842	14732	49.97
7	4196	166	465	4827	92	4579	0	1	4894	4752	-703	13548	0	13548	2010	15558	49.97
8	4342	473	453	5268	142	4570	0	33	4925	5208	-700	14522	0	14522	2179	16701	50.01
9	4386	518	448	5352	73	4582	0	97	5053	4954	-923	14135	0	14135	2538	16673	50.01
10	4424	642	436	5502	123	4575	0	111	5183	5004	-969	14346	0	14346	2808	17154	50.00
11	4343	348	417	5108	128	4582	0	196	5198	5080	-1262	13832	0	13832	3095	16927	49.99
12	4302	164	454	4920	85	4573	0	208	5274	5207	-1377	13616	0	13616	3126	16742	50.03
13	4280	60	423	4763	54	4519	0	189	5283	5342	-1425	13442	0	13442	3103	16545	50.00
14	4183	240	420	4843	55	4509	0	180	5226	5240	-1451	13376	0	13376	2990	16366	50.02
15	4214	235	432	4881	54	4505	0	136	5230	5338	-1426	13488	0	13488	2984	16472	49.93
16	4161	324	425	4910	45	4525	0	122	5210	5293	-1328	13567	0	13567	3061	16628	49.98
17	4211	354	434	4999	116	4516	0	61	5165	5240	-1338	13594	0	13594	3029	16623	49.97
18	4202	874	437	5513	138	4526	0	11	5140	4982	-1246	13925	0	13925	2944	16869	49.97
19	4126	1716	438	6280	177	4520	0	0	5172	5502	-1193	15286	0	15286	2951	18237	49.98
20	4230	1877	433	6540	174	4507	0	0	5213	5562	-1184	15599	0	15599	2914	18513	50.01
21	4255	1361	443	6059	158	4514	0	0	5106	5125	-1237	14619	0	14619	2795	17414	49.99
22	4225	856	445	5526	130	4498	0	0	4988	4721	-1108	13767	0	13767	2599	16366	50.03
23	4122	392	451	4965	123	4509	0	0	5058	4806	-1117	13286	0	13286	2472	15758	50.00
24	4041	113	450	4604	99	4425	0	0	5087	4813	-1184	12757	0	12757	2350	15107	50.01
MUs	98.61	11.54	10.64	120.79	2.78	107.50	0.00	1.35	116.83	117.32	-25.75	323.98	0.00	323.98	61.08	385.06	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 14/Oct/2016

Position as on 6.30 Hrs of 15/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 6	250	25/06/2015	15.03		Continued.	Water Shortage (Zero Schedule by MSEDCL at 21:51 Hrs on 30.09.2016)	
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	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
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	
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		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	15/09/2016	18.09		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	15/09/2016	23.59		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	16/09/2016	00.06		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 1	210	17/09/2016	13.39		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 2	210	17/09/2016	13.43		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Oct/2016

Position as on 6.30 Hrs of 15/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	17/09/2016	20.48		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	22/09/2016	13.47		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Khaparkheda Unit 3	210	05/10/2016	20.56		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 3	210	12/10/2016	21.08		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U4	300	14/10/2016	11.51		Continued.	C.W.Duct Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 15/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							
Kolhapur Solapur (PG) II	InterState	13/10/2016	18.10	14/10/2016	07.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/10/2016	00.36	14/10/2016	06.53	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/10/2016	09.41	14/10/2016	16.53	PO	Line Maintenance work
Dhule Sar'Sarovar II	InterState	14/10/2016	21.40	15/10/2016	06.33	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/10/2016	21.45	15/10/2016	06.34	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/10/2016	21.30	14/10/2016	09.25	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)
Karad - Jaigad - II	IntraState	14/10/2016	00.09	14/10/2016	09.26	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/10/2016	03.32	14/10/2016	06.25	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	14/10/2016	08.15	14/10/2016	15.15	EO	Hot spot (Taken on TBC)
Karad-Jaigad - I	IntraState	14/10/2016	21.00		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	14/10/2016	21.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/10/2016	21.43		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	14/10/2016	10.29	14/10/2016	18.50	PO	Routine Maintenance Work
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)
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		Continued.	PO	Tower Erection Work.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Kalwa - Borivali	IntraState	28/09/2016	08.02		Continued.	PO	Balance tower erection work
Kharghar-PGPL	IntraState	12/10/2016	11.11		Continued.	PO	Bunching work @ Height Raising of Tower for cidco's metro rail bridge near Kharghar.
Kharghar - Tss Panvel	IntraState	12/10/2016	13.06		Continued.	PO	Bunching Work & Height Raising of Towers for Cidco's Metro Rail Bridge Near Kharghar.
Telco- Chinchwad	IntraState	13/10/2016	09.06		Continued.	PO	Annual Maintenance Work
Padghe - Jambhul 2	IntraState	14/10/2016	09.31	14/10/2016	14.05	EO	To attend Hot Spot
Gadchandur - Grace	IntraState	14/10/2016	10.21	14/10/2016	22.23	PO	Testing Work
Padghe - Kamba	IntraState	14/10/2016	12.12	14/10/2016	12.32	T	Distance Protection
Padghe - Wada	IntraState	14/10/2016	12.12	14/10/2016	12.29	T	Distance Protection
Apta - Talaja	IntraState	14/10/2016	13.03	14/10/2016	16.14	EO	To attend Hot Spot
Adlabs - Pedambe	IntraState	14/10/2016	13.32	14/10/2016	14.10	T	Distance Protection
Kalwa - Airoli Knowledge Park	IntraState	14/10/2016	14.24	14/10/2016	14.42	T	Distance Protection
Eklahare (Gcr) - Airoli Know Park	IntraState	14/10/2016	14.24	14/10/2016	21.43	T	B Phase LA Burst
Eklahare (Gcr) - Ghatghar	IntraState	15/10/2016	03.50	15/10/2016	04.23	T	Distance Protection

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 14/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 15/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
220/132kv 100MVA ICT-1@ Amalner	IntraState	26/09/2016	09.30		Continued.	PO	Augmentation work.
220/132kv 200MVA ICT-III @ Nanded	IntraState	13/10/2016	20.12	14/10/2016	00.42	PO	Attending Oil Leakage
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	14/10/2016	10.06	14/10/2016	17.10	PO	Measurment of Tan Delta and SFRA of ICT
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	14/10/2016	10.22	14/10/2016	17.15	PO	Testing Work
220/132KV 100MVA -1@Alephata	IntraState	14/10/2016	11.53	14/10/2016	15.50	EO	To attend Hot Spot
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	14/10/2016	12.50	14/10/2016	15.08	EO	Hot Spot (Taken on TBC)
132 KV LINE Outages/Trippings							
Mouda-Bhandara	IntraState	13/10/2016	10.57	14/10/2016	18.38	T	Distance Protection

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