

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Oct/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.616	3414.125	1) Gujrat	3.866	157.057
2) Hydro	5.237	289.049	2) Madhya Pradesh	9.354	344.667
3) Gas	10.517	315.284	3) Chattisgarh	6.540	216.800
Total MSPGCL	139.370	4018.458	4) Maharashtra Net	81.752	2875.213
B) 1) APML	63.141	1969.307	5) Goa (Amona)	-0.686	-19.944
2) JSWEL	18.909	632.670	Total	100.826	3573.793
3) VIPL	6.454	363.396	a) Mumbai Schedule	13.455	612.064
4) RPL(AMT)	0.000	58.913	b) Mumbai Drawl	21.922	760.952
5) WPCL	2.925	130.207	c) MSEDCL Bilateral *	20.874	754.842
6) PGPL	0.000	0.000	Include PX	-0.001	-100.048
7) Other IPP	3.780	102.426	d) Mumbai Bilateral *	13.455	612.064
C) 1) TPCL Thermal	12.872	449.823	Include PX	0.000	19.030
2) TPCL Hydro	1.514	123.307	Include Standby	0.000	0.000
3) TPCL Gas	4.371	137.032	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.433	317.071	1) MSEDCL	324.434	10356.595
D) STATE			2) Mumbai Discoms	50.112	1788.197
1) Thermal	241.130	7437.938	TOTAL STATE	374.546	12144.792
(A1+C1+C4+(B1-B6))					
2) Hydro	6.751	412.356			
(A2+C2)					
3) Gas	14.888	452.316			
(A3+B6+C3)					
4) Wind	9.640	232.823			
6) SOLAR	1.311	35.554			
TOTAL STATE	273.720	8570.987			

* 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 4 Hrs
MSPGCL Thermal	5626	5639	5677	4653
MSPGCL Hydro	227	174	371	86
MSPGCL Gas	438	435	456	451
MSPGCL Total Generation	6291	6248	6504	5190
Central Sector Receipt	4788	4846	5497	2416
WIND	361	187	241	702
CPP / IPP Thermal	4079	4129	4151	3696
CPP / IPP Gas	0	0	0	0
SOLAR	137	11	0	0
Exchange with Mumbai	-926	-899	-839	-614
MSEDCL DEMAND MET	14730	14522	15554	11390
Load Shedding	0	0	0	0
MSEDCL DEMAND	14730	14522	15554	11390
TPCL GENERATION	764	874	1105	695
R-INFRA GENERATION	385	386	485	386
MUMBAI DEMAND	2075	2159	2429	1695
STATE DEMAND MET	16805	16681	17983	13085
STATE DEMAND	16805	16681	17983	13085
Frequency (Hz)	50.00	49.93	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06:01 Hrs	49.78 Hz at 17:39 Hrs	49.98	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 31/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	33.35	0	0
Unit 8	7.39	322.70	315	298
Total	7.39	356.05		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.90	116.92	500	360
Unit 5	9.87	85.94	500	360
Total	19.78	202.86		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.91	23.04	230	188
Unit 7	0.00	43.55	0	0
Total	4.91	66.59		
Chandrapur				
Unit 3	4.40	96.95	202	163
Unit 4	4.38	118.35	195	172
Unit 5	9.79	297.04	450	365
Unit 6	9.96	305.15	470	360
Unit 7	9.14	283.99	415	358
Unit 8	10.98	305.54	500	380
Total	48.65	1407.03		
Paras				
Unit 3	0.00	127.76	0	0
Unit 4	5.44	149.63	253	190
Total	5.44	277.40		
Khaparkheda				
Unit 1	4.10	60.58	195	150
Unit 2	4.16	61.94	200	160
Unit 3	4.12	84.52	195	160
Unit 4	4.15	68.90	194	159
Unit 5	10.92	325.35	500	370
Total	27.45	601.29		
Nasik				
Unit 3	4.02	103.54	195	160
Unit 4	4.01	132.25	198	160
Unit 5	0.00	27.27	0	0
Total	8.03	263.07		
Uran				
All Units	10.52	315.28	465	415
Total	10.52	315.28		
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)	0.87	26.05	53	23
Total	0.87	26.05		
Koyna				
Stage 1-2	2.64	103.15	325	40
Stage 4	0.00	76.27	0	0
Stage 3	0.58	41.18	80	0
Total	3.22	220.60		
Hydro				
KDPH	0.33	10.62	19	0
VTRNA	0.00	5.00	0	0
TILLARI	0.37	9.44	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	8.92	63	0
RNGR+BHTSA	0.39	5.33	17	16
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	11.59	17	5
GHATGHAR	0.64	16.10	222	0
Total	2.02	68.45		
Wind				
Total	9.64	232.82	0	0
Total	9.64	232.82		
CPP				
APML(Mus)	63.14	1969.31	0	0
JSWEL(Mus)	18.91	632.67	0	0
VIPL(Mus)	6.45	363.40	0	0
RPLAMT(Mus)	0.00	58.91	0	0
WPCL(Mus)	2.92	130.21	0	0
Other(Mus)	3.78	102.43	0	0
Total	95.21	3256.92		
SOLAR				
Total	1.31	35.55	0	0
Total	1.31	35.55		
Tata				
Trombay 5	7.97	286.31	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	87.03	120	115
Trombay 7B	1.60	50.00	68	65
Trombay 8	4.90	163.51	239	197
TATA Hydro	1.51	123.31	243	11
Total	18.76	710.16		
R-INFRA				
1-2	9.43	317.07	485	385
Total	9.43	317.07		

* 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	123.62	3414.12	MSPGCL Total	139.37	4018.46
Koradi 9	0.00	145.98	MSPGCL Thml+Gas	134.13	3729.41	Koyna 1,2 & 4 Total	2.64	179.42
Koradi 10	0.00	0.00	MSPGCL Hydro	5.24	289.05	State Total	273.72	8570.99
Parli 8	1.97	4.01						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/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	4709	87	448	5244	583	3703	0	0	3240	2930	-936	11524	0	11524	2021	13545	49.97
2	4658	96	460	5214	647	3685	0	0	2694	2557	-750	11353	0	11353	1833	13186	50.00
3	4673	81	440	5194	657	3679	0	0	2488	2495	-674	11351	0	11351	1759	13110	49.99
4	4653	86	451	5190	702	3696	0	0	2267	2416	-614	11390	0	11390	1695	13085	49.98
5	4708	201	450	5359	680	3690	0	0	2264	2500	-605	11624	0	11624	1686	13310	49.95
6	4695	366	449	5510	616	3743	0	0	3117	3218	-688	12399	0	12399	1771	14170	49.94
7	4845	86	463	5394	525	3935	0	0	4334	4183	-728	13309	0	13309	1809	15118	49.96
8	5216	101	465	5782	369	4027	0	18	4805	4613	-761	14048	0	14048	1844	15892	50.00
9	5341	230	428	5999	336	4076	0	83	4851	5000	-830	14664	0	14664	1926	16590	50.00
10	5626	227	438	6291	361	4079	0	137	4818	4788	-926	14730	0	14730	2075	16805	50.00
11	5193	174	437	5804	440	4057	0	177	4806	4494	-969	14003	0	14003	2174	16177	50.00
12	4888	243	423	5554	331	4084	0	202	4739	4824	-1028	13967	0	13967	2241	16208	50.03
13	4928	319	417	5664	240	4073	0	183	4738	4922	-1025	14057	0	14057	2220	16277	50.01
14	5286	434	415	6135	168	4052	0	186	4755	4741	-1025	14257	0	14257	2176	16433	49.99
15	5568	169	418	6155	146	4052	0	161	4737	4756	-1015	14255	0	14255	2172	16427	50.01
16	5642	169	417	6228	132	4050	0	106	4745	4631	-1005	14142	0	14142	2164	16306	49.97
17	5665	159	415	6239	149	4093	0	47	4726	4734	-971	14291	0	14291	2137	16428	49.96
18	5639	174	435	6248	187	4129	0	11	4763	4846	-899	14522	0	14522	2159	16681	49.93
19	5779	422	428	6629	213	4191	0	0	5208	5174	-785	15422	0	15422	2368	17790	50.03
20	5677	371	456	6504	241	4151	0	0	5269	5497	-839	15554	0	15554	2429	17983	50.00
21	5340	404	430	6174	256	4060	0	0	5216	5608	-1143	14955	0	14955	2427	17382	49.99
22	5319	356	438	6113	402	4076	0	0	4728	4980	-1260	14311	0	14311	2406	16717	49.97
23	4819	221	446	5486	609	4023	0	0	3959	3816	-1264	12670	0	12670	2349	15019	49.97
24	4749	61	450	5260	650	3807	0	0	3893	3103	-1182	11638	0	11638	2271	13909	49.96
MUs	123.62	5.24	10.52	139.37	9.64	95.21	0.00	1.31	101.16	100.83	-21.92	324.43	0.00	324.43	50.11	374.55	49.98

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 31/Oct/2016

Position as on 6.30 Hrs of 01/Nov/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 7	250	29/10/2016	07.13	01/11/2016	05.30	Boiler Tube Leakage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Oct/2016

Position as on 6.30 Hrs of 01/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
IPP	WPCL U-3	135	30/10/2016	06.55		Continued.	ID Fan Problem	
IPP	VIPL U-2	300	31/10/2016	05:16		Continued.	Water tube leakage	
MSPGCL	Parli Unit 8	250	31/10/2016	10.37	31/10/2016	12.38	Turbine emergency.	
IPP	JSW (J) U4	300	31/10/2016	19.35	31/10/2016	21.38	Turbine Vibration	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 01/Nov/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	28/10/2016	12.48		Continued.	T	Distance Protection(RFC 07.40Hrs)
Dhule Sar'Sarovar I	InterState	30/10/2016	21.01		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/10/2016	23.04	31/10/2016	06.04	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	31/10/2016	22.04		Continued.	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	28/10/2016	23.57		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	30/10/2016	02.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/10/2016	00.06	31/10/2016	07.00	HT	Over Voltage
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 - 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.
Ghatghar - Jindal	IntraState	30/10/2016	16.59	31/10/2016	20.14	T	Distance Protection
Karad - Sadawagpur I	IntraState	31/10/2016	21.01	31/10/2016	22.07	T	Distance Protection
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							
Mangrulpir-Karanja Ckt I	IntraState	31/10/2016	08.52		Continued.	T	Bus section open at mangruksir S/S to control balapur patur I/L.

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