

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.281	1814.530	1) Gujrat	2.747	-4.727
2) Hydro	11.488	189.506	2) Madhya Pradesh	7.642	129.467
3) Gas	10.855	142.644	3) Chattisgarh	5.860	79.600
Total MSPGCL	155.624	2146.680	4) Maharashtra Net	95.429	1390.190
B) 1) APML	51.282	780.125	5) Goa (Amona)	-0.662	-10.116
2) JSWEL	22.715	316.509	Total	111.016	1584.414
3) VIPL	12.454	153.400	a) Mumbai Schedule	16.125	231.362
4) RPL(AMT)	20.127	192.325	b) Mumbai Drawl	19.555	271.584
5) WPCL	4.378	55.701	c) MSEDCL Bilateral *	27.229	372.813
6) PGPL	0.000	8.843	Include PX	-0.017	-14.588
7) Other IPP	7.162	74.008	d) Mumbai Bilateral *	16.125	231.362
C) 1) TPCL Thermal	14.867	211.665	Include PX	0.646	18.883
2) TPCL Hydro	3.491	53.296	Include Standby	0.000	0.000
3) TPCL Gas	4.421	60.511	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.826	141.892	1) MSEDCL	370.539	5128.457
D) STATE			2) Mumbai Discoms	52.165	738.950
1) Thermal	276.092	3740.155	TOTAL STATE	422.704	5867.407
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.979	242.802			
3) Gas (A3+B6+C3)	15.276	211.998			
4) Wind	4.290	70.917			
6) SOLAR	1.046	17.119			
TOTAL STATE	311.683	4282.991			

* 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 17 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6268	5463	5626	5159
MSPGCL Hydro	1071	851	1246	109
MSPGCL Gas	456	426	435	462
MSPGCL Total Generation	7795	6740	7307	5730
Central Sector Receipt	5411	5575	5352	2314
WIND	90	25	60	490
CPP / IPP Thermal	5080	5503	5482	4384
CPP / IPP Gas	0	0	0	0
SOLAR	111	33	0	0
Exchange with Mumbai	-823	-830	-945	-504
MSEDCL DEMAND MET	17664	17046	17256	12414
Load Shedding	0	0	0	0
MSEDCL DEMAND	17664	17046	17256	12414
TPCL GENERATION	1127	1173	1155	697
R-INFRA GENERATION	386	506	508	386
MUMBAI DEMAND	2336	2509	2608	1587
STATE DEMAND MET	20000	19555	19864	14001
STATE DEMAND	20000	19555	19864	14001
Frequency (Hz)	49.94	49.90	50.03	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.00 Hrs	49.78 Hz at 19.34 Hrs	49.97	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/Nov/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	3.83	43.88	170	141
Unit 8	13.18	107.86	660	448
Total	17.01	151.74		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.84	150.78	510	370
Unit 5	10.75	150.31	510	370
Total	21.59	301.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.92	36.40	232	175
Unit 7	5.02	66.74	230	194
Total	9.94	103.14		
Chandrapur				
Unit 3	4.47	63.11	200	165
Unit 4	4.46	61.90	198	168
Unit 5	0.00	110.22	0	0
Unit 6	10.10	135.58	465	354
Unit 7	5.24	127.84	385	0
Unit 8	10.30	142.38	500	280
Total	34.58	641.02		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.25	75.29	243	192
Total	5.25	75.29		
Khaparkheda				
Unit 1	4.16	49.77	195	155
Unit 2	4.14	58.76	190	155
Unit 3	4.41	60.07	205	157
Unit 4	4.30	52.18	196	160
Unit 5	10.78	141.67	500	370
Total	27.79	362.45		
Nasik				
Unit 3	4.03	59.88	195	160
Unit 4	4.03	16.61	192	162
Unit 5	0.00	40.10	0	0
Total	8.06	116.59		
Uran				
All Units	10.86	142.64	477	423
Total	10.86	142.64		
PGPL				
Unit 1	0.00	5.47	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	3.37	0	0
Total	0.00	8.84		
PENCH (MS)				
Pench (MS)	0.22	7.84	48	0
Total	0.22	7.84		
Koyna				
Stage 1-2	4.24	54.26	500	40
Stage 4	3.26	65.46	503	0
Stage 3	1.47	25.15	160	0
Total	8.97	144.87		
Hydro				
KDPH	0.44	11.32	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.37	5.15	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.63	63	0
RNGR+BHTSA	0.38	4.46	16	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.73	7.07	31	30
GHATGHAR	0.48	14.00	250	0
Total	2.52	44.64		
Wind				
Total	4.29	70.92	0	0
Total	4.29	70.92		
CPP				
APML(Mus)	51.28	780.12	0	0
JSWEL(Mus)	22.72	316.51	0	0
VIPL(Mus)	12.45	153.40	0	0
RPLAMT(Mus)	20.13	192.32	0	0
WPCL(Mus)	4.38	55.70	0	0
Other(Mus)	7.16	74.01	0	0
Total	118.12	1572.07		
SOLAR				
Total	1.05	17.12	0	0
Total	1.05	17.12		
Tata				
Trombay 5	9.48	136.40	491	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	38.54	120	115
Trombay 7B	1.60	21.97	68	65
Trombay 8	5.38	75.26	251	200
TATA Hydro	3.49	53.30	277	2
Total	22.78	325.47		
R-INFRA				
1-2	9.83	141.89	508	385
Total	9.83	141.89		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	6.34	23.75
Koradi 9	0.00	24.83
Koradi 10	0.00	0.00
Parli 8	2.74	14.63

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	133.28	1814.53
MSPGCL Thml+Gas	144.14	1957.17
MSPGCL Hydro	11.49	189.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	155.62	2146.68
Koyna 1,2 & 4 Total	7.50	119.72
State Total	311.68	4282.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Nov/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	5124	109	458	5691	482	4347	0	0	3481	2921	-688	12753	0	12753	1769	14522	50.05
2	5158	109	470	5737	512	4348	0	0	3015	2642	-581	12658	0	12658	1664	14322	50.04
3	5159	109	462	5730	490	4384	0	0	2605	2314	-504	12414	0	12414	1587	14001	49.98
4	5214	109	477	5800	483	4374	0	0	2409	2394	-456	12595	0	12595	1537	14132	49.98
5	5222	104	468	5794	459	4369	0	0	2796	2712	-462	12872	0	12872	1545	14417	49.96
6	5243	114	477	5834	428	4384	0	0	3661	3610	-530	13726	0	13726	1611	15337	49.97
7	5215	164	460	5839	339	4386	0	0	4323	4368	-624	14308	0	14308	1705	16013	49.97
8	5740	599	463	6802	252	4610	0	20	5111	5572	-671	16585	0	16585	1840	18425	49.99
9	6223	504	474	7201	137	5041	0	71	5319	5463	-875	17038	0	17038	2159	19197	49.94
10	6268	1071	456	7795	90	5080	0	111	5303	5411	-823	17664	0	17664	2336	20000	49.94
11	6322	976	448	7746	66	5063	0	151	5294	5335	-1023	17338	0	17338	2596	19934	49.94
12	6369	565	435	7369	37	5056	0	157	5311	5095	-1042	16672	0	16672	2612	19284	49.95
13	6356	497	427	7280	20	5046	0	153	5295	5212	-1041	16670	0	16670	2606	19276	49.95
14	6194	491	424	7109	19	5066	0	152	5250	5270	-940	16676	0	16676	2481	19157	49.97
15	5640	689	435	6764	19	5225	0	119	5266	5409	-936	16600	0	16600	2502	19102	49.92
16	5521	876	423	6820	18	5473	0	76	5298	5459	-873	16973	0	16973	2523	19496	49.92
17	5463	851	426	6740	25	5503	0	33	5537	5575	-830	17046	0	17046	2509	19555	49.90
18	5585	957	456	6998	42	5495	0	3	5475	5253	-831	16960	0	16960	2502	19462	49.97
19	5626	1246	435	7307	60	5482	0	0	5700	5352	-945	17256	0	17256	2608	19864	50.03
20	5548	600	463	6611	80	5342	0	0	5863	5947	-913	17067	0	17067	2549	19616	49.97
21	5533	333	455	6321	80	5188	0	0	5396	5493	-938	16144	0	16144	2466	18610	49.99
22	5254	191	455	5900	52	5109	0	0	5306	5153	-940	15274	0	15274	2191	17465	50.00
23	4677	118	451	5246	49	4915	0	0	4913	5056	-1137	14129	0	14129	2224	16353	49.99
24	4627	106	457	5190	51	4832	0	0	4607	4003	-952	13124	0	13124	2038	15162	50.00
MUs	133.28	11.49	10.86	155.62	4.29	118.12	0.00	1.05	112.53	111.02	-19.55	370.54	0.00	370.54	52.16	422.70	49.97

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/Nov/2016

Position as on 6.30 Hrs of 15/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	
IPP	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	
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	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	10/11/2016	02.25	14/11/2016	08.33	Drum level low	
MSPGCL	Koradi Unit 9	660	10/11/2016	11.51		Continued.	Due to reheat NRV problem	
MSPGCL	Nasik Unit 5	210	12/11/2016	19.20		Continued.	Economizer Tube Leakage (continued under zero schedule).	
PGPL	PGPL U1	262	12/11/2016	19.25	15/11/2016	05.07	Due to no schedule	
PGPL	PGPL U2	126	12/11/2016	19.30		Continued.	Due to no schedule	
MSPGCL	Chandrapur Unit 5	500	12/11/2016	22.13		Continued.	B T L	
MSPGCL	Chandrapur Unit 9	500	14/11/2016	14.33		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	14/11/2016	14.33		Continued.	UAT Problem.	

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

Statement-VII

Position as on 6.30 Hrs of 15/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							
Dhule Sar'Sarovar I	InterState	13/11/2016	19.26	14/11/2016	06.52	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/11/2016	21.48	14/11/2016	07.07	HT	Over Voltage
Akola Wardha I	InterState	14/11/2016	08.40	14/11/2016	18.30	T	Code:914 line crossing work i/s code 959.
Akola Wardha li	InterState	14/11/2016	08.41	14/11/2016	18.58	T	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	14/11/2016	20.14		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-II	IntraState	13/11/2016	20.25		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	13/11/2016	21.39	14/11/2016	09.15	HT	Over Voltage
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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Pedambe-Nerle	IntraState	22/10/2016	14.11		Continued.	T	Distance Protection
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.
Kalwa - Mulund 1	IntraState	06/11/2016	10.56		Continued.	PO	Conductor Replacement.
Nashik-Airoli Knowledge Park	IntraState	14/11/2016	18.45		Continued.	PO	Divering 100kv padghe-sahapur line THR nasik-know park line.
Pusad-WardhaPG(Deoli)	IntraState	15/11/2016	05.18		Continued.	T	Distance Protection
Bhugaon- Wardha	IntraState	15/11/2016	05.18		Continued.	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)
100 KV LINE Outages/Trippings							
Padghe - Shahapur 1	IntraState	14/11/2016	08.50		Continued.	T	At loc. no 38 tower collapse.
Padghe - Shahapur 2	IntraState	14/11/2016	08.50	15/11/2016	05.30	T	At loc. no 38 tower collapse.

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