

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 12/Nov/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.285	1552.203	1) Gujrat	-2.061	-7.634
2) Hydro	14.280	167.192	2) Madhya Pradesh	7.878	113.782
3) Gas	7.012	123.152	3) Chattisgarh	4.520	67.870
Total MSPGCL	151.577	1842.547	4) Maharashtra Net	100.140	1198.177
B) 1) APML	50.577	678.526	5) Goa (Amona)	-0.706	-8.836
2) JSWEL	22.987	270.922	Total	109.771	1363.359
3) VIPL	11.568	129.816	a) Mumbai Schedule	19.323	199.491
4) RPL(AMT)	20.165	153.170	b) Mumbai Drawl	20.622	235.016
5) WPCL	3.960	47.184	c) MSEDCL Bilateral *	25.371	318.674
6) PGPL	2.715	8.843	Include PX	-2.190	-14.116
7) Other IPP	6.949	60.157	d) Mumbai Bilateral *	19.323	199.491
C) 1) TPCL Thermal	15.444	181.831	Include PX	2.217	18.236
2) TPCL Hydro	2.585	49.279	Include Standby	0.000	0.000
3) TPCL Gas	4.388	51.787	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	7.317	123.883	1) MSEDCL	365.993	4395.673
D) STATE			2) Mumbai Discoms	50.356	641.793
1) Thermal	269.252	3197.692	TOTAL STATE	416.349	5037.466
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	16.865	216.471			
3) Gas (A3+B6+C3)	14.115	183.782			
4) Wind	4.825	61.259			
6) SOLAR	1.521	14.906			
TOTAL STATE	306.578	3674.110			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5946	5900	6072	4555
MSPGCL Hydro	917	992	1628	177
MSPGCL Gas	288	270	279	289
MSPGCL Total Generation	7151	7162	7979	5021
Central Sector Receipt	5219	5072	4605	3274
WIND	155	104	174	273
CPP / IPP Thermal	5248	5177	5359	4384
CPP / IPP Gas	231	232	209	0
SOLAR	209	7	0	0
Exchange with Mumbai	-995	-1008	-1107	-431
MSEDCL DEMAND MET	17218	16745	17219	12521
Load Shedding	0	0	0	0
MSEDCL DEMAND	17218	16745	17219	12521
TPCL GENERATION	1154	1121	1141	697
R-INFRA GENERATION	324	252	251	387
MUMBAI DEMAND	2473	2381	2499	1515
STATE DEMAND MET	19690	19126	19718	14036
STATE DEMAND	19690	19126	19718	14036
Frequency (Hz)	49.95	49.97	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.73 Hz at 14.24 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 12/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	3.91	36.26	175	150
Unit 8	13.59	80.38	660	333
Total	17.49	116.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.84	129.46	510	360
Unit 5	10.76	128.94	510	365
Total	21.60	258.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	29.67	0	0
Unit 7	4.95	56.79	230	184
Total	4.95	86.46		
Chandrapur				
Unit 3	4.43	54.25	205	165
Unit 4	4.44	53.07	198	166
Unit 5	8.54	110.22	445	0
Unit 6	7.25	115.72	311	291
Unit 7	9.28	113.44	417	360
Unit 8	10.64	125.55	500	360
Total	44.58	572.25		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	64.80	242	197
Total	5.36	64.80		
Khaparkheda				
Unit 1	0.00	41.91	0	0
Unit 2	4.10	50.63	185	135
Unit 3	3.00	51.30	200	0
Unit 4	4.29	43.62	190	162
Unit 5	10.90	120.26	500	375
Total	22.29	307.72		
Nasik				
Unit 3	4.21	51.80	200	165
Unit 4	0.00	10.62	0	0
Unit 5	3.13	40.10	170	0
Total	7.34	102.52		
Uran				
All Units	7.01	123.15	388	265
Total	7.01	123.15		
PGPL				
Unit 1	1.67	5.47	142	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	1.04	3.37	90	0
Total	2.72	8.84		
PENCH (MS)				
Pench (MS)	0.44	7.42	44	0
Total	0.44	7.42		
Koyna				
Stage 1-2	3.38	47.04	370	45
Stage 4	5.10	59.27	892	0
Stage 3	1.61	22.28	210	0
Total	10.09	128.59		
Hydro				
KDPH	0.89	10.23	38	37
VTRNA	0.00	0.00	0	0
TILLARI	0.37	4.40	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.39	80	0
RNGR+BHTSA	0.38	3.69	16	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.15	5.59	48	47
GHATGHAR	1.23	12.31	250	0
Total	4.19	38.61		
Wind				
Total	4.82	61.26	0	0
Total	4.82	61.26		
CPP				
APML(Mus)	50.58	678.53	0	0
JSWEL(Mus)	22.99	270.92	0	0
VIPL(Mus)	11.57	129.82	0	0
RPLAMT(Mus)	20.16	153.17	0	0
WPCL(Mus)	3.96	47.18	0	0
Other(Mus)	6.95	60.16	0	0
Total	116.21	1339.78		
SOLAR				
Total	1.52	14.91	0	0
Total	1.52	14.91		
Tata				
Trombay 5	9.98	117.33	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	33.00	120	111
Trombay 7B	1.59	18.79	69	65
Trombay 8	5.46	64.50	251	199
TATA Hydro	2.58	49.28	229	47
Total	22.42	282.90		
R-INFRA				
1-2	7.32	123.88	387	194
Total	7.32	123.88		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	6.66	6.69
Koradi 9	0.00	24.83
Koradi 10	0.00	0.00
Parli 8	0.00	11.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.28	1552.20
MSPGCL Thml+Gas	137.30	1675.36
MSPGCL Hydro	14.28	167.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	151.58	1842.55
Koyna 1,2 & 4 Total	8.48	106.31
State Total	306.58	3674.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4551	146	388	5085	187	4386	0	0	3314	3420	-744	12334	0	12334	1824	14158	49.97
2	4535	386	289	5210	206	4382	0	0	3052	3465	-559	12704	0	12704	1640	14344	49.99
3	4536	212	309	5057	233	4386	0	0	3102	3374	-492	12558	0	12558	1573	14131	50.00
4	4555	177	289	5021	273	4384	0	0	3090	3274	-431	12521	0	12521	1515	14036	49.99
5	4571	317	310	5198	310	4388	0	0	3325	3502	-440	12958	0	12958	1521	14479	49.97
6	4653	146	290	5089	367	4467	25	0	4382	4314	-503	13759	0	13759	1583	15342	49.99
7	4952	341	315	5608	400	4790	61	1	4577	4585	-600	14845	0	14845	1681	16526	50.02
8	5556	465	303	6324	353	4917	115	39	4931	4919	-641	16026	0	16026	1779	17805	50.00
9	5807	806	310	6923	221	5305	175	103	4977	5246	-706	17267	0	17267	2057	19324	49.95
10	5873	1053	277	7203	109	5336	230	156	5174	5095	-725	17404	0	17404	2209	19613	49.95
11	5946	917	288	7151	155	5248	231	209	5196	5219	-995	17218	0	17218	2473	19690	49.95
12	5892	494	270	6656	136	5018	231	221	5275	5386	-1125	16523	0	16523	2501	19024	49.95
13	5992	379	276	6647	84	5022	232	209	5283	4986	-1079	16100	0	16100	2470	18570	49.95
14	6102	490	270	6862	52	4896	232	213	5289	5105	-1036	16323	0	16323	2407	18730	49.95
15	6108	684	265	7057	54	4917	232	172	5191	5211	-997	16646	0	16646	2383	19029	49.89
16	6029	850	291	7170	63	4935	231	126	5152	4989	-1005	16510	0	16510	2395	18905	49.88
17	5843	1229	281	7353	87	4994	232	65	5053	5005	-998	16738	0	16738	2379	19117	49.93
18	5900	992	270	7162	104	5177	232	7	4948	5072	-1008	16745	0	16745	2381	19126	49.97
19	6072	1628	279	7979	174	5359	209	0	4782	4605	-1107	17219	0	17219	2499	19718	49.98
20	5964	1500	286	7750	152	5123	48	0	4909	4965	-1143	16895	0	16895	2492	19387	49.99
21	5919	425	280	6624	135	4944	0	0	4906	4986	-1073	15616	0	15616	2349	17966	50.01
22	5715	151	291	6157	264	4832	0	0	4789	4711	-1036	14928	0	14928	2242	17170	50.03
23	4736	291	302	5329	322	4616	0	0	4425	4410	-1091	13586	0	13586	2030	15616	49.97
24	4478	201	283	4962	384	4387	0	0	4175	3927	-1088	12572	0	12572	1973	14545	49.99
MUs	130.28	14.28	7.01	151.58	4.83	116.21	2.72	1.52	109.30	109.77	-20.62	365.99	0.00	365.99	50.36	416.35	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 12/Nov/2016

Position as on 6.30 Hrs of 13/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	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 4	210	03/11/2016	13.00	13/11/2016	10.05	Interchange With Unit-5	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	10/11/2016	11.51		Continued.	Due to reheat NRV problem	
MSPGCL	Parli Unit 6	250	11/11/2016	07.12	13/11/2016	11.12	Gen. Differential Protection.	
MSPGCL	Khaparkheda Unit 1	210	11/11/2016	14.55	13/11/2016	01.27	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	11/11/2016	17.50	12/11/2016	04.26	control drain valve leakage	
PGPL	PGPL U1	262	11/11/2016	19.33	12/11/2016	05.00	Due to No Schedule.	
PGPL	PGPL U2	126	11/11/2016	19.34	12/11/2016	06.38	Due to No Schedule.	
MSPGCL	Khaparkheda Unit 3	210	11/11/2016	20.29	12/11/2016	07.16	Y ph PG clamp temp.high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Nov/2016

Position as on 6.30 Hrs of 13/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	12/11/2016	00.40	13/11/2016	10.44	Internal inspection work	
RINFRA-G	REL Unit 1	250	12/11/2016	10.55	13/11/2016	07.16	Turbine balancing work.	
MSPGCL	Koyana Unit 6	75	12/11/2016	17.05	12/11/2016	19.20	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.	
MSPGCL	Koyana Unit 7	80	12/11/2016	17.05	12/11/2016	20.20	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.	
MSPGCL	Koyana Unit 8	80	12/11/2016	17.05	12/11/2016	19.50	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.	
MSPGCL	Koyana Unit 5	80	12/11/2016	17.05	12/11/2016	20.15	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.	
MSPGCL	Nasik Unit 5	210	12/11/2016	19.20		Continued.	Economizer Tube Leakage.	
PGPL	PGPL U1	262	12/11/2016	19.25		Continued.	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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 13/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							
Koradi Bhilai	InterState	10/11/2016	10.25	12/11/2016	07.04	PO	RMW & CT Repalacement Work.
Dhule Sar'Sarovar I	InterState	11/11/2016	21.24	12/11/2016	09.44	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/11/2016	19.16	13/11/2016	07.48	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	13/11/2016	19.26		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/11/2016	21.48		Continued.	HT	Over Voltage
Ektuni-Bableswhar 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	11/11/2016	21.47	12/11/2016	09.39	HT	I/S
Koradi-Khaperkheda li	IntraState	12/11/2016	11.11	12/11/2016	18.00	PO	Attending Hot Spot
Chandrapur - Parli	IntraState	12/11/2016	12.27	12/11/2016	18.54	PO	Attending Hot Spot
Karad - Jaigad - II	IntraState	12/11/2016	21.36	13/11/2016	08.46	HT	Over Voltage
karad -kolhapur-I	IntraState	12/11/2016	23.34	13/11/2016	08.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/11/2016	23.51	13/11/2016	06.38	HT	Over Voltage
Padghe - Kalwa-II	IntraState	13/11/2016	09.02	13/11/2016	14.35	EO	Attending Hot Spot On R Phase Wave Trap Jumper.
Padghe - Kalwa-II	IntraState	13/11/2016	14.35	13/11/2016	21.27	T	B phase insulator decapping
karad -kolhapur-II	IntraState	13/11/2016	20.25		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	13/11/2016	21.39		Continued.	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.
Bableswhar- 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
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.
Kalwa - Mulund 1	IntraState	06/11/2016	10.56		Continued.	PO	Conductor Replacement.
Ghodbunder - Versova	IntraState	12/11/2016	07.19	12/11/2016	21.22	PO	Replacement og B P H clam.
Nagothane - Spcl	IntraState	12/11/2016	14.42	12/11/2016	19.33	EO	Testing Work
Pophali - Pedambe II	IntraState	12/11/2016	17.05	12/11/2016	18.55	T	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.
Pophali - New Koyna	IntraState	12/11/2016	17.05	12/11/2016	19.25	T	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.
Bus Section II @ Pophali	IntraState	12/11/2016	17.05	12/11/2016	18.55	T	220kv R ph LA burst of tf no 1 and bus bar operated .load affected nil.
Pophali - Nerale	IntraState	12/11/2016	17.05	12/11/2016	20.00	T	220kv R ph LA burst of tf no 1 and bus bar operated .load affected

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 12/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 13/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							nil.
Mumewadi -Halkarni II	IntraState	13/11/2016	13.35	13/11/2016	19.28	T	TRIPPED ON D.P.B.PH DECAPPING.
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)