

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Nov/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.038	3321.631	1) Gujrat	-0.931	-3.353
2) Hydro	18.943	357.706	2) Madhya Pradesh	9.132	219.616
3) Gas	10.665	258.935	3) Chattisgarh	8.150	163.080
Total MSPGCL	168.646	3938.272	4) Maharashtra Net	98.359	2456.361
B) 1) APML	52.200	1353.361	5) Goa (Amona)	-0.752	-17.924
2) JSWEL	15.583	501.417	Total	113.958	2817.780
3) VIPL	10.078	276.163	a) Mumbai Schedule	15.591	424.224
4) RPL(AMT)	0.000	228.754	b) Mumbai Drawl	23.533	526.152
5) WPCL	4.032	101.980	c) MSEDCL Bilateral *	15.947	659.739
6) PGPL	0.000	16.149	Include PX	-0.128	-18.311
7) Other IPP	11.744	167.875	d) Mumbai Bilateral *	15.591	424.224
C) 1) TPCL Thermal	13.330	350.738	Include PX	1.211	39.867
2) TPCL Hydro	3.363	100.461	Include Standby	0.000	0.000
3) TPCL Gas	4.020	106.393	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.744	252.056	1) MSEDCL	365.032	9048.427
D) STATE			2) Mumbai Discoms	53.990	1335.797
1) Thermal	255.749	6553.975	TOTAL STATE	419.022	10384.224
(A1+C1+C4+(B1-B6))					
2) Hydro	22.306	458.167			
(A2+C2)					
3) Gas	14.685	381.477			
(A3+B6+C3)					
4) Wind	11.034	142.498			
6) SOLAR	1.290	30.330			
TOTAL STATE	305.064	7566.447			

* 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	6069	6191	6186	5339
MSPGCL Hydro	1670	1432	1375	76
MSPGCL Gas	445	440	449	469
MSPGCL Total Generation	8184	8063	8010	5884
Central Sector Receipt	5599	5684	5339	2812
WIND	446	186	252	828
CPP / IPP Thermal	4087	3993	4046	3564
CPP / IPP Gas	0	0	0	0
SOLAR	141	5	0	0
Exchange with Mumbai	-1183	-1058	-1123	-545
MSEDCL DEMAND MET	17274	16873	16524	12543
Load Shedding	0	0	0	0
MSEDCL DEMAND	17274	16873	16524	12543
TPCL GENERATION	971	1101	1100	672
R-INFRA GENERATION	384	507	507	386
MUMBAI DEMAND	2538	2666	2730	1603
STATE DEMAND MET	19812	19539	19254	14146
STATE DEMAND	19812	19539	19254	14146
Frequency (Hz)	49.94	49.96	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.02 Hrs	49.73 Hz at 16.42 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 25/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	0.00	54.21	0	0
Unit 8	12.78	241.62	575	484
Total	12.78	295.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.42	226.56	505	360
Unit 5	9.44	258.25	430	350
Total	19.86	484.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.81	89.78	234	190
Unit 7	4.65	102.46	223	115
Total	9.46	192.24		
Chandrapur				
Unit 3	4.42	111.11	200	166
Unit 4	4.42	110.40	197	166
Unit 5	9.73	185.12	445	355
Unit 6	9.97	243.46	470	355
Unit 7	9.03	220.54	410	352
Unit 8	10.44	252.90	500	360
Total	48.00	1123.53		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.98	123.58	242	157
Total	4.98	123.58		
Khaparkheda				
Unit 1	3.72	93.98	180	115
Unit 2	3.99	103.66	190	155
Unit 3	3.99	105.95	190	160
Unit 4	4.00	88.76	190	160
Unit 5	10.60	257.55	500	368
Total	26.31	649.90		
Nasik				
Unit 3	4.01	104.56	170	165
Unit 4	4.01	60.45	177	161
Unit 5	0.00	40.10	0	0
Total	8.02	205.12		
Uran				
All Units	10.66	258.94	469	409
Total	10.66	258.94		
PGPL				
Unit 1	0.00	10.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	6.15	0	0
Total	0.00	16.15		
PENCH (MS)				
Pench (MS)	0.39	11.05	53	0
Total	0.39	11.05		
Koyna				
Stage 1-2	5.42	108.23	530	40
Stage 4	7.62	126.40	743	0
Stage 3	2.87	49.70	240	0
Total	15.91	284.33		
Hydro				
KDPH	0.25	12.22	18	0
VTRNA	0.00	0.20	0	0
TILLARI	0.37	9.14	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.06	77	0
RNGR+BHTSA	0.38	7.78	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.55	13.61	34	20
GHATGHAR	1.25	25.36	250	0
Total	3.03	73.38		
Wind				
Total	11.03	142.50	0	0
Total	11.03	142.50		
CPP				
APML(Mus)	52.20	1353.36	0	0
JSWEL(Mus)	15.58	501.42	0	0
VIPL(Mus)	10.08	276.16	0	0
RPLAMT(Mus)	0.00	228.75	0	0
WPCL(Mus)	4.03	101.98	0	0
Other(Mus)	11.74	167.88	0	0
Total	93.64	2629.55		
SOLAR				
Total	1.29	30.33	0	0
Total	1.29	30.33		
Tata				
Trombay 5	8.42	217.95	493	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.51	67.41	115	90
Trombay 7B	1.51	38.98	66	58
Trombay 8	4.91	132.79	232	199
TATA Hydro	3.36	100.46	339	7
Total	20.71	557.59		
R-INFRA				
1-2	9.74	252.06	508	384
Total	9.74	252.06		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	75.72
Koradi 9	9.62	135.01
Koradi 10	0.00	0.00
Parli 8	0.00	35.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	139.04	3321.63
MSPGCL Thml+Gas	149.70	3580.57
MSPGCL Hydro	18.94	357.71

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	168.65	3938.27
Koyna 1,2 & 4 Total	13.05	234.63
State Total	305.06	7566.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5293	86	459	5838	608	3785	0	0	3938	3299	-724	12806	0	12806	1805	14611	50.05
2	5322	76	460	5858	795	3604	0	0	3516	3101	-609	12749	0	12749	1690	14439	50.00
3	5339	76	469	5884	828	3564	0	0	3231	2812	-545	12543	0	12543	1603	14146	50.00
4	5351	76	460	5887	845	3575	0	0	2749	2799	-497	12609	0	12609	1553	14162	49.98
5	5319	356	460	6135	879	3559	0	0	2819	2829	-480	12922	0	12922	1546	14468	49.99
6	5333	389	469	6191	783	3709	0	0	3893	3707	-571	13819	0	13819	1652	15471	49.99
7	5776	502	458	6736	697	3979	0	1	4902	4903	-756	15560	0	15560	1838	17398	49.98
8	6115	877	469	7461	605	4082	0	25	5244	5423	-815	16781	0	16781	1918	18699	49.97
9	6069	1242	447	7758	439	4083	0	77	5319	5679	-1041	16995	0	16995	2252	19247	49.96
10	6069	1670	445	8184	446	4087	0	141	5366	5599	-1183	17274	0	17274	2538	19812	49.94
11	6200	1731	424	8355	393	4078	0	167	5464	5295	-1273	17015	0	17015	2676	19691	49.96
12	6084	1347	430	7861	340	4068	0	194	5543	5499	-1367	16595	0	16595	2766	19361	49.96
13	6104	1031	421	7556	335	4072	0	188	5524	5559	-1287	16423	0	16423	2715	19138	49.97
14	6100	1094	409	7603	347	4028	0	175	5467	5506	-1275	16384	0	16384	2614	18998	49.99
15	6124	1167	420	7711	278	4026	0	154	5445	5380	-1306	16243	0	16243	2643	18886	49.95
16	6208	1049	421	7678	247	4028	0	106	5440	5304	-1219	16144	0	16144	2667	18811	49.92
17	6182	1277	418	7877	192	4021	0	57	5399	5101	-1093	16155	0	16155	2659	18814	49.87
18	6191	1432	440	8063	186	3993	0	5	5397	5684	-1058	16873	0	16873	2666	19539	49.96
19	6186	1375	449	8010	252	4046	0	0	5541	5339	-1123	16524	0	16524	2730	19254	49.95
20	5835	537	447	6819	243	4010	0	0	5596	5484	-1110	15446	0	15446	2578	18024	49.99
21	5603	305	439	6347	232	3918	0	0	5428	5596	-1135	14958	0	14958	2455	17413	49.95
22	5504	477	447	6428	284	3896	0	0	5157	5467	-1054	15021	0	15021	2278	17299	49.98
23	5392	358	452	6202	363	3844	0	0	4635	4758	-1059	14108	0	14108	2131	16239	49.94
24	5339	413	452	6204	417	3582	0	0	3793	3835	-953	13085	0	13085	2017	15102	49.98
MUs	139.04	18.94	10.66	168.65	11.03	93.64	0.00	1.29	114.81	113.96	-23.53	365.03	0.00	365.03	53.99	419.02	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 25/Nov/2016

Position as on 6.30 Hrs of 26/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	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/11/2016	19.20		Continued.	Economizer Tube Leakage (continued under zero schedule).	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	18/11/2016	01.09		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	For COD Conformation.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Nov/2016

Position as on 6.30 Hrs of 26/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 9	500	23/11/2016	12.43		Continued.	Boiler Tube Leakage	
PGPL	PGPL U1	262	23/11/2016	19.30		Continued.	No schedule.	
PGPL	PGPL U2	126	23/11/2016	19.33		Continued.	No schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 26/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 II	InterState	24/11/2016	18.50	25/11/2016	06.04	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/11/2016	22.06	25/11/2016	05.33	HT	Over Voltage
Koradi Satpur	InterState	24/11/2016	23.55	25/11/2016	02.12	T	Tripped only from Sarni end on D.P & AR successful from Koradi end. Trial taken from sarni end at 01:06hrs but tripped from Koradi End.
Kolhapur Solapur (PG) II	InterState	25/11/2016	09.32	25/11/2016	09.45	T	MalOperation.
Dhule Sar'Sarovar I	InterState	25/11/2016	17.21		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)
Padghe - Kalwa- I	IntraState	21/11/2016	12.50		Continued.	PO	Outage up to 29.11.2016 for construction work.
Jaigad-Karad Ckt-I	IntraState	21/11/2016	16.43	25/11/2016	10.11	HT	Over Voltage
karad -kolhapur-I	IntraState	24/11/2016	10.10	25/11/2016	09.35	PO	Annual Maintenance Work (RFC at 18:07hrs)
Parly(MS)- Nanded	IntraState	25/11/2016	09.37	25/11/2016	17.07	PO	Cold Welding And Bay Maintenance.
karad -kolhapur-II	IntraState	25/11/2016	10.31		Continued.	PO	Annual Maintenance Work
Karad - Jaigad - II	IntraState	25/11/2016	20.03		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00	25/11/2016	00.39	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016) Opportunity Outage availed from 24.11.2016 at 15:00Hrs to 25.11.2016 at 00:39Hrs
Mudshingi - Chikodi	InterState	01/09/2016	00.00	25/11/2016	00.56	HT	No schedule from Karnataka(H/T from Chikodi end) Opportunity outage availed from 24.11.2016 at 19:15 Hrs to 25.11.2016 at 00:56Hrs
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.
Nashik-Airoli Knowledge Park	IntraState	14/11/2016	18.45		Continued.	PO	Diverting 100kv padghe-sahapur line THR nasik-know park line.
Kalwa - Mulund 1	IntraState	22/11/2016	15.27		Continued.	PO	High Ampacity Conductor Replacement.
Versova Aarey Line 1	IntraState	25/11/2016	07.08	25/11/2016	19.30	PO	Marshalling Box Replacement Work.
Kalwa - Colourchem	IntraState	25/11/2016	08.40	25/11/2016	18.50	PO	Testing,O/H & Alignment Of TBC & PT Bay.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	25/11/2016	09.00	25/11/2016	18.21	PO	Replace Of Disc Insulator By Polymer & Maintenace.
Jambhul - Pal	IntraState	25/11/2016	09.50	25/11/2016	18.09	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							

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 25/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 26/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	25/11/2016	06.15	25/11/2016	16.21	PO	Testing & R&M Work.
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	25/11/2016	11.18	25/11/2016	16.62	PO	Testing Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	25/11/2016	12.23	25/11/2016	20.53	PO	Annual Maintenance Work
100 KV LINE Outages/Trippings							
Padghe - Shahapur 1	IntraState	14/11/2016	08.50		Continued.	T	At loc. no 38 tower collapse.