

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Nov/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.082	1421.918	1) Gujrat	-2.622	-5.573
2) Hydro	12.566	152.912	2) Madhya Pradesh	8.781	105.904
3) Gas	10.897	116.140	3) Chattisgarh	0.000	63.350
Total MSPGCL	153.545	1690.970	4) Maharashtra Net	104.585	1098.037
B) 1) APML	50.590	627.949	5) Goa (Amona)	-0.730	-8.130
2) JSWEL	22.596	247.935	Total	110.014	1253.588
3) VIPL	11.691	118.248	a) Mumbai Schedule	15.696	180.168
4) RPL(AMT)	20.210	133.005	b) Mumbai Drawl	21.145	214.394
5) WPCL	4.059	43.224	c) MSEDCL Bilateral *	25.491	293.304
6) PGPL	2.754	6.128	Include PX	-1.806	-11.926
7) Other IPP	6.994	53.208	d) Mumbai Bilateral *	15.696	180.168
C) 1) TPCL Thermal	14.044	166.387	Include PX	0.672	16.019
2) TPCL Hydro	4.695	46.694	Include Standby	0.000	0.000
3) TPCL Gas	3.543	47.399	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.735	116.566	1) MSEDCL	367.913	4029.680
D) STATE			2) Mumbai Discoms	53.162	591.437
1) Thermal	270.001	2928.440	TOTAL STATE	421.075	4621.117
(A1+C1+C4+(B1-B6))					
2) Hydro	17.261	199.606			
(A2+C2)					
3) Gas	17.194	169.667			
(A3+B6+C3)					
4) Wind	5.340	56.434			
6) SOLAR	1.265	13.385			
TOTAL STATE	311.061	3367.532			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5858	5831	5733	5105
MSPGCL Hydro	813	871	1388	141
MSPGCL Gas	468	432	459	462
MSPGCL Total Generation	7139	7134	7580	5708
Central Sector Receipt	5241	5158	5428	2885
WIND	160	121	162	394
CPP / IPP Thermal	5291	4857	5303	4387
CPP / IPP Gas	233	232	164	0
SOLAR	138	170	0	0
Exchange with Mumbai	-804	-1161	-1047	-427
MSEDCL DEMAND MET	17398	16511	17590	12947
Load Shedding	93	0	0	0
MSEDCL DEMAND	17491	16511	17590	12947
TPCL GENERATION	1165	1035	1117	695
R-INFRA GENERATION	510	386	500	388
MUMBAI DEMAND	2479	2582	2664	1510
STATE DEMAND MET	19877	19093	20254	14457
STATE DEMAND	19970	19093	20254	14457
Frequency (Hz)	49.97	49.98	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 12.03 Hrs	49.77 Hz at 12.41 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 11/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	3.79	32.35	170	145
Unit 8	13.44	66.80	622	478
Total	17.22	99.15		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.60	118.61	510	360
Unit 5	10.64	118.18	510	360
Total	21.24	236.79		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.34	29.67	201	0
Unit 7	4.87	51.85	223	184
Total	6.22	81.52		
Chandrapur				
Unit 3	4.51	49.81	205	164
Unit 4	4.40	48.62	196	165
Unit 5	9.93	101.68	460	359
Unit 6	7.48	108.48	340	294
Unit 7	9.50	104.17	436	359
Unit 8	10.89	114.91	500	363
Total	46.71	527.67		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.30	59.44	250	185
Total	5.30	59.44		
Khaparkheda				
Unit 1	2.50	41.91	185	0
Unit 2	4.22	46.54	195	160
Unit 3	3.66	48.30	195	0
Unit 4	4.28	39.33	191	161
Unit 5	10.50	109.36	500	290
Total	25.17	285.43		
Nasik				
Unit 3	4.12	47.58	200	165
Unit 4	0.00	10.62	0	0
Unit 5	4.07	36.96	202	159
Total	8.20	95.17		
Uran				
All Units	10.90	116.14	484	420
Total	10.90	116.14		
PGPL				
Unit 1	1.70	3.80	145	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	1.06	2.33	88	0
Total	2.75	6.13		
PENCH (MS)				
Pench (MS)	0.23	6.98	52	0
Total	0.23	6.98		
Koyna				
Stage 1-2	3.08	43.66	405	40
Stage 4	3.96	54.16	563	0
Stage 3	1.61	20.67	160	0
Total	8.65	118.50		
Hydro				
KDPH	0.89	9.34	38	37
VTRNA	0.00	0.00	0	0
TILLARI	0.37	4.03	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	2.23	80	0
RNGR+BHTSA	0.35	3.31	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.86	4.44	45	33
GHATGHAR	1.14	11.08	250	0
Total	3.91	34.42		
Wind				
Total	5.34	56.43	0	0
Total	5.34	56.43		
CPP				
APML(Mus)	50.59	627.95	0	0
JSWEL(Mus)	22.60	247.94	0	0
VIPL(Mus)	11.69	118.25	0	0
RPLAMT(Mus)	20.21	133.00	0	0
WPCL(Mus)	4.06	43.22	0	0
Other(Mus)	6.99	53.21	0	0
Total	116.14	1223.57		
SOLAR				
Total	1.26	13.38	0	0
Total	1.26	13.38		
Tata				
Trombay 5	8.86	107.35	496	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.31	30.20	116	0
Trombay 7B	1.23	17.20	67	0
Trombay 8	5.18	59.04	251	199
TATA Hydro	4.70	46.69	404	0
Total	22.28	260.48		
R-INFRA				
1-2	9.74	116.57	510	385
Total	9.74	116.57		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.03	0.03
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	130.08	1421.92
MSPGCL Thml+Gas	140.98	1538.06
MSPGCL Hydro	12.57	152.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	153.54	1690.97
Koyna 1,2 & 4 Total	7.04	97.83
State Total	311.06	3367.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	5064	112	471	5647	421	4378	0	0	3196	3144	-707	12883	0	12883	1789	14672	49.98
2	5072	112	465	5649	443	4379	0	0	2865	3040	-569	12942	0	12942	1651	14593	49.96
3	5115	126	472	5713	438	4377	0	0	2938	2882	-486	12924	0	12924	1568	14492	49.97
4	5105	141	462	5708	394	4387	0	0	2937	2885	-427	12947	0	12947	1510	14457	49.95
5	5099	126	478	5703	406	4374	0	0	3671	3268	-435	13316	0	13316	1517	14833	49.99
6	5119	136	466	5721	401	4384	30	0	4165	4107	-451	14193	0	14193	1576	15769	49.93
7	5203	585	484	6272	342	4578	46	2	4706	4757	-598	15398	23	15421	1733	17154	49.90
8	5383	651	470	6504	246	4969	140	37	5012	4892	-620	16167	23	16190	1893	18083	49.95
9	5780	835	477	7092	148	5293	217	89	5115	4618	-787	16670	61	16731	2289	19020	49.99
10	5858	813	468	7139	160	5291	233	138	5121	5241	-804	17398	93	17491	2479	19970	49.97
11	5866	781	444	7091	152	5046	232	171	5111	4769	-967	16494	104	16598	2701	19299	49.97
12	5899	464	446	6809	144	4967	233	181	5172	5192	-1144	16382	105	16487	2734	19221	49.96
13	5909	495	434	6838	132	4840	231	184	5234	5323	-1185	16364	0	16364	2682	19046	49.95
14	5831	871	432	7134	121	4857	232	170	5177	5158	-1161	16511	0	16511	2582	19093	49.98
15	5787	658	430	6875	104	4956	232	145	5200	5257	-1166	16403	0	16403	2588	18991	50.00
16	5672	636	423	6731	94	5072	232	96	5206	5215	-1193	16248	0	16248	2609	18857	50.00
17	5665	796	420	6881	90	5101	233	46	5114	5190	-1135	16406	0	16406	2616	19022	49.94
18	5693	891	423	7007	137	5194	231	6	5059	4884	-1086	16373	0	16373	2592	18965	49.93
19	5733	1388	459	7580	162	5303	164	0	5186	5428	-1047	17590	0	17590	2664	20254	49.99
20	5693	967	436	7096	147	5078	68	0	5412	5562	-1108	16843	0	16843	2594	19437	49.97
21	5459	398	452	6309	140	4980	0	0	5413	5636	-1096	15969	0	15969	2479	18448	49.99
22	4892	310	457	5659	166	4865	0	0	5251	5284	-1081	14893	0	14893	2251	17144	50.01
23	4669	139	469	5277	167	4833	0	0	4556	4389	-1025	13641	0	13641	2112	15753	49.99
24	4516	135	459	5110	185	4635	0	0	3812	3893	-867	12956	0	12956	1953	14909	49.97
MUs	130.08	12.57	10.90	153.55	5.34	116.14	2.75	1.27	110.63	110.01	-21.14	367.91	0.41	368.32	53.16	421.48	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 11/Nov/2016

Position as on 6.30 Hrs of 12/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	Chandrapur Unit 9	500	24/10/2016	21.37	11/11/2016	17.24	Bearing vibration high	
MSPGCL	Nasik Unit 4	210	03/11/2016	13.00		Continued.	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	
PGPL	PGPL U2	126	10/11/2016	14.27	11/11/2016	06.39	Due to No Schedule.	
PGPL	PGPL U1	262	10/11/2016	14.39	11/11/2016	05.11	Due to No Schedule.	
MSPGCL	Parli Unit 6	250	11/11/2016	07.12		Continued.	Gen. Differential Protection.	
MSPGCL	Khaparkheda Unit 1	210	11/11/2016	14.55		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	11/11/2016	17.00	11/11/2016	22.05	Hydraulic Control Value Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Nov/2016

Position as on 6.30 Hrs of 12/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	11/11/2016	17.00	11/11/2016	20.23	Hydraulic Control Valve Problem.	
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		Continued.	Y ph PG clamp temp.high	
MSPGCL	Uran Unit 6	108	12/11/2016	00.40		Continued.	Internal inspection work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 12/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	10/11/2016	20.05	11/11/2016	07.28	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/11/2016	21.24		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	10/11/2016	23.47	11/11/2016	11.32	PO	NDR Operated
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	11/11/2016	11.39	11/11/2016	18.22	PO	Quarterly 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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
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.
Nanded-Ghatodi	IntraState	06/11/2016	02.40		Continued.	PO	TO CONTROL WARDHA YEOTMAL L/L
Kalwa - Mulund 1	IntraState	06/11/2016	10.56		Continued.	PO	Conductor Replacement.
Osmanabad - Solapur (Bale)	IntraState	10/11/2016	08.20	11/11/2016	14.10	T	DP,Zone-1, R-Y-B,Current-5Kamp ,Distance-Normalise From Parali End.Load Affeted 159MW.
Ghodbunder - Versova	IntraState	10/11/2016	13.34	11/11/2016	17.06	PO	Relay Testing Work.
Chakan-Chinchwad	IntraState	10/11/2016	22.18	11/11/2016	01.57	PO	String Work Of Multicicut Tower.
Telco- Chinchwad	IntraState	10/11/2016	22.28	11/11/2016	02.08	PO	String Work Of Multicicut Tower.
Jambhul - Anandnagar	IntraState	11/11/2016	09.20	11/11/2016	17.27	PO	R&M Work.
Miraj - Ichalkaranji II	IntraState	11/11/2016	11.30	11/11/2016	18.36	HT	Hand tripped.
Kalwa - Taloja	IntraState	11/11/2016	14.27	11/11/2016	17.59	PO	Testing & RMW Work
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	11/11/2016	10.00	11/11/2016	15.52	PO	Daignostic Testing work.
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							
Boisar li - Palghar 2	IntraState	11/11/2016	09.02	11/11/2016	18.22	PO	Line Maintenance work
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	11/11/2016	09.53	11/11/2016	17.14	PO	Annual Maintenance Work

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