

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Nov/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.962	2208.003	1) Gujrat	1.339	0.062
2) Hydro	7.375	222.389	2) Madhya Pradesh	7.414	149.777
3) Gas	10.592	174.695	3) Chattisgarh	6.370	97.860
Total MSPGCL	153.929	2605.087	4) Maharashtra Net	98.641	1696.142
B) 1) APML	50.123	936.160	5) Goa (Amona)	-0.730	-12.262
2) JSWEL	16.033	375.422	Total	113.034	1931.579
3) VIPL	10.326	186.940	a) Mumbai Schedule	15.272	279.346
4) RPL(AMT)	3.607	228.754	b) Mumbai Drawl	25.671	343.270
5) WPCL	4.231	68.581	c) MSEDCL Bilateral *	27.390	453.035
6) PGPL	0.000	13.979	Include PX	-0.161	-17.436
7) Other IPP	8.189	97.751	d) Mumbai Bilateral *	15.272	279.346
C) 1) TPCL Thermal	13.909	255.309	Include PX	0.612	20.417
2) TPCL Hydro	4.689	67.818	Include Standby	0.000	0.000
3) TPCL Gas	4.126	73.381	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.257	170.285	1) MSEDCL	348.185	6215.773
D) STATE			2) Mumbai Discoms	57.650	910.062
1) Thermal	251.637	4527.205	TOTAL STATE	405.835	7125.835
(A1+C1+C4+(B1-B6))					
2) Hydro	12.064	290.207			
(A2+C2)					
3) Gas	14.718	262.055			
(A3+B6+C3)					
4) Wind	13.180	94.500			
6) SOLAR	1.204	20.290			
TOTAL STATE	292.803	5194.257			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5901	6240	5368	5227
MSPGCL Hydro	359	397	794	92
MSPGCL Gas	423	416	442	453
MSPGCL Total Generation	6683	7053	6604	5772
Central Sector Receipt	5931	5540	5654	3071
WIND	667	383	348	732
CPP / IPP Thermal	4024	4156	3837	3439
CPP / IPP Gas	0	0	0	0
SOLAR	183	136	0	0
Exchange with Mumbai	-1206	-1143	-1346	-1142
MSEDCL DEMAND MET	16282	16125	15097	11872
Load Shedding	0	2	8	0
MSEDCL DEMAND	16282	16127	15105	11872
TPCL GENERATION	1299	1284	1088	667
R-INFRA GENERATION	385	386	385	386
MUMBAI DEMAND	2890	2813	2819	2195
STATE DEMAND MET	19172	18938	17916	14067
STATE DEMAND	19172	18940	17924	14067
Frequency (Hz)	49.97	49.93	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22:00 Hrs	49.78 Hz at 05:40 Hrs	49.96	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 17/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	3.78	54.09	175	140
Unit 8	11.86	145.07	550	420
Total	15.64	199.16		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.71	181.88	510	360
Unit 5	9.23	181.05	510	320
Total	18.94	362.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	50.94	228	186
Unit 7	4.26	79.96	223	0
Total	8.94	130.90		
Chandrapur				
Unit 3	4.32	76.39	200	163
Unit 4	4.37	75.19	199	167
Unit 5	0.00	110.22	0	0
Unit 6	9.82	165.31	470	355
Unit 7	9.31	147.78	435	360
Unit 8	9.82	173.35	500	360
Total	37.64	748.24		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.08	91.07	250	188
Total	5.08	91.07		
Khaparkheda				
Unit 1	3.94	62.05	200	155
Unit 2	3.91	71.14	185	160
Unit 3	3.95	72.73	200	160
Unit 4	3.96	64.61	190	162
Unit 5	9.94	173.24	500	370
Total	25.70	443.76		
Nasik				
Unit 3	3.98	72.06	170	165
Unit 4	3.99	28.80	170	160
Unit 5	0.00	40.10	0	0
Total	7.97	140.96		
Uran				
All Units	10.59	174.70	463	416
Total	10.59	174.70		
PGPL				
Unit 1	0.00	8.67	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	5.31	0	0
Total	0.00	13.98		
PENCH (MS)				
Pench (MS)	0.22	8.80	50	0
Total	0.22	8.80		
Koyna				
Stage 1-2	3.00	65.54	410	40
Stage 4	0.78	74.09	339	0
Stage 3	1.37	29.44	240	0
Total	5.16	169.07		
Hydro				
KDPH	0.00	11.97	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.37	6.27	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	3.35	80	0
RNGR+BHTSA	0.38	5.50	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	9.22	38	25
GHATGHAR	0.47	17.02	159	0
Total	2.22	53.32		
Wind				
Total	13.18	94.50	0	0
Total	13.18	94.50		
CPP				
APML(Mus)	50.12	936.16	0	0
JSWEL(Mus)	16.03	375.42	0	0
VIPL(Mus)	10.33	186.94	0	0
RPLAMT(Mus)	3.61	228.75	0	0
WPCL(Mus)	4.23	68.58	0	0
Other(Mus)	8.19	97.75	0	0
Total	92.51	1893.61		
SOLAR				
Total	1.20	20.29	0	0
Total	1.20	20.29		
Tata				
Trombay 5	8.86	164.34	467	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	46.68	120	95
Trombay 7B	1.54	26.70	69	60
Trombay 8	5.05	90.97	249	158
TATA Hydro	4.69	67.82	438	2
Total	22.72	396.51		
R-INFRA				
1-2	9.26	170.28	387	384
Total	9.26	170.28		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	23.75
Koradi 9	9.98	35.08
Koradi 10	0.00	0.00
Parli 8	6.08	32.15

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	135.96	2208.00
MSPGCL Thml+Gas	146.55	2382.70
MSPGCL Hydro	7.38	222.39

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	153.93	2605.09
Koyna 1,2 & 4 Total	3.78	139.63
State Total	292.80	5194.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5095	80	452	5627	764	3636	0	0	3835	3660	-970	12717	0	12717	2026	14743	49.98
2	5211	86	444	5741	802	3637	0	0	3546	3403	-831	12752	0	12752	1895	14647	49.99
3	5208	81	463	5752	765	3622	0	0	3554	3311	-713	12737	0	12737	1761	14498	50.00
4	5298	82	443	5823	676	3624	0	0	3502	3173	-643	12653	0	12653	1692	14345	49.97
5	5394	107	463	5964	645	3622	0	0	3629	3543	-618	13156	0	13156	1694	14850	49.97
6	5494	182	453	6129	622	3648	0	0	4401	4321	-713	14007	0	14007	1788	15795	49.93
7	5846	452	460	6758	588	3973	0	0	4783	4563	-869	15013	0	15013	1949	16962	49.96
8	6319	392	439	7150	483	4199	0	20	5302	5079	-936	15995	0	15995	2072	18067	49.95
9	6437	393	462	7292	399	4325	0	67	5570	5594	-1071	16606	0	16606	2447	19053	49.95
10	5889	605	429	6923	576	4164	0	128	5736	5661	-1077	16375	0	16375	2618	18993	49.96
11	5916	341	442	6699	659	4035	0	166	5499	5621	-1217	15963	0	15963	2882	18845	49.95
12	5901	359	423	6683	667	4024	0	183	5580	5931	-1206	16282	0	16282	2890	19172	49.97
13	5911	422	423	6756	557	4041	0	178	5476	5410	-1239	15703	0	15703	2885	18588	49.97
14	6181	190	421	6792	410	4150	0	174	5460	5535	-1153	15908	0	15908	2778	18686	49.97
15	6240	397	416	7053	383	4156	0	136	5482	5540	-1143	16125	2	16127	2813	18940	49.93
16	6177	683	426	7286	334	4110	0	99	5456	5443	-1205	16067	8	16075	2836	18911	49.95
17	6058	622	422	7102	306	4154	0	46	5459	5289	-1175	15722	8	15730	2800	18530	49.89
18	5545	267	422	6234	310	3885	0	7	5318	5399	-1276	14559	8	14567	2795	17362	49.80
19	5368	794	442	6604	348	3837	0	0	5725	5654	-1346	15097	8	15105	2819	17924	49.94
20	5322	386	442	6150	369	3801	0	0	5892	5540	-1319	14541	8	14549	2716	17265	50.01
21	5326	183	448	5957	482	3519	0	0	4954	4971	-1295	13634	8	13642	2592	16234	49.97
22	5338	92	450	5880	556	3462	0	0	4378	4117	-1271	12744	2	12746	2413	15159	49.99
23	5261	87	454	5802	747	3443	0	0	3760	3205	-1243	11954	0	11954	2296	14250	49.99
24	5227	92	453	5772	732	3439	0	0	3153	3071	-1142	11872	0	11872	2195	14067	49.97
MUs	135.96	7.38	10.59	153.93	13.18	92.51	0.00	1.20	115.45	113.03	-25.67	348.18	0.05	348.24	57.65	405.89	49.96

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 17/Nov/2016

Position as on 6.30 Hrs of 18/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	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).	
MSPGCL	Chandrapur Unit 5	500	12/11/2016	22.13	18/11/2016	01.13	B T L	
MSPGCL	Chandrapur Unit 9	500	14/11/2016	14.33		Continued.	Boiler Tube Leakage	
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.	
PGPL	PGPL U2	126	16/11/2016	19.30		Continued.	due to no Schedule	
PGPL	PGPL U1	262	16/11/2016	19.31		Continued.	due to no Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Nov/2016

Position as on 6.30 Hrs of 18/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	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	Parli Unit 7	250	17/11/2016	22.10		Continued.	Furnace Pressure High	
MSPGCL	Koradi Unit 7	210	18/11/2016	01.09		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	18/11/2016	01.16	18/11/2016	03.45	Furnace Pressure High	
MSPGCL	Paras Unit 4	250	18/11/2016	04.42		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/11/2016	20.24		Continued.	PO	Thyrister Protective Fire Alaram Check.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	16/11/2016	19.12	17/11/2016	07.13	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	17/11/2016	21.11		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/11/2016	21.59		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)
Jaigad-Karad Ckt-II	IntraState	15/11/2016	21.56		Continued.	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	16/11/2016	09.43		Continued.	PO	Diagnostic Testing & Allied Bay Maintenance Work.
karad -kolhapur-I	IntraState	16/11/2016	20.58		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	17/11/2016	10.06	17/11/2016	19.55	PO	Brokan Conductor Replacement Work.
Girwali- Lonikand 2	IntraState	17/11/2016	11.00	17/11/2016	15.54	PO	Bay Maintenance & RMW Work.
400 KV ICT Outages/Trippings							
Ict Spare Single Unit 167 Mva Ict @Jejuri	IntraState	17/11/2016	09.51	17/11/2016	16.01	PO	Annual Testing Work.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	17/11/2016	12.41	17/11/2016	18.50	PO	Shifted On TBC.
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 conducting 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	17/11/2016	20.03	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	17/11/2016	20.00	PO	Conductor Replacement.
Nashik-Airoli Knowledge Park	IntraState	14/11/2016	18.45		Continued.	PO	Diverting 100kv padghe-sahapur line THR nasik-know park line.
Talandge(400)- Mudshingi 2 Line	IntraState	17/11/2016	09.01	17/11/2016	13.02	PO	Insuletor Cleanig Work.
Mumewadi -Halkarni I	IntraState	17/11/2016	09.51	17/11/2016	11.19	PO	Old Insuletor Replacement Work.
Main bus section-II @ Pedambe	IntraState	17/11/2016	11.00	17/11/2016	19.33	PO	FOR Nerale-Pedhambhe Line Jumper Replacement Work.
Bombay Dyeing - Sahara	IntraState	17/11/2016	12.04	17/11/2016	16.46	PO	RMW & Testing Work.
Urse - Talegaon (Ambi) Ckt 1	IntraState	17/11/2016	13.18	17/11/2016	15.55	T	R-Phase L.A Burst At Talegaon Ambi End.
Osmanabad - Solapur (Bale)	IntraState	17/11/2016	15.10		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

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 17/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/132KV 100MVA -1@Alephata	IntraState	17/11/2016	09.01	17/11/2016	13.30	PO	RMW & Testing Work.
100MVA ICT -1@Magarpatta	IntraState	17/11/2016	10.20	17/11/2016	16.38	PO	RMW & Testing Work.
100 KV LINE Outages/Trippings							
Padghe - Shahapur 1	IntraState	14/11/2016	08.50		Continued.	T	At loc. no 38 tower collapse.