

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Nov/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.365	2339.368	1) Gujrat	-0.356	-0.294
2) Hydro	11.434	233.823	2) Madhya Pradesh	7.967	157.744
3) Gas	10.744	185.439	3) Chattisgarh	7.480	105.340
Total MSPGCL	153.543	2758.630	4) Maharashtra Net	95.488	1791.630
B) 1) APML	51.653	987.813	5) Goa (Amona)	-0.710	-12.972
2) JSWEL	16.127	391.549	Total	109.869	2041.448
3) VIPL	11.976	198.916	a) Mumbai Schedule	19.642	298.988
4) RPL(AMT)	0.000	228.754	b) Mumbai Drawl	24.472	367.742
5) WPCL	4.135	72.716	c) MSEDCL Bilateral *	27.295	480.330
6) PGPL	0.000	13.979	Include PX	-0.018	-17.454
7) Other IPP	8.396	106.147	d) Mumbai Bilateral *	19.642	298.988
C) 1) TPCL Thermal	13.069	268.378	Include PX	2.800	23.217
2) TPCL Hydro	5.079	72.897	Include Standby	0.000	0.000
3) TPCL Gas	4.031	77.412	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.502	179.787	1) MSEDCL	340.759	6556.532
D) STATE			2) Mumbai Discoms	56.153	966.215
1) Thermal	246.223	4773.428	TOTAL STATE	396.912	7522.747
(A1+C1+C4+(B1-B6))					
2) Hydro	16.513	306.720			
(A2+C2)					
3) Gas	14.775	276.830			
(A3+B6+C3)					
4) Wind	8.350	102.850			
6) SOLAR	1.182	21.472			
TOTAL STATE	287.043	5481.300			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5802	5870	5042	5261
MSPGCL Hydro	741	671	566	128
MSPGCL Gas	434	422	424	455
MSPGCL Total Generation	6977	6963	6032	5844
Central Sector Receipt	5830	5633	5518	3400
WIND	204	141	168	352
CPP / IPP Thermal	4150	4127	3843	3438
CPP / IPP Gas	0	0	0	0
SOLAR	173	180	1	0
Exchange with Mumbai	-1169	-1175	-1253	-1403
MSEDCL DEMAND MET	16165	15869	14309	11631
Load Shedding	74	85	0	0
MSEDCL DEMAND	16239	15954	14309	11631
TPCL GENERATION	1282	1247	1110	478
R-INFRA GENERATION	387	387	386	386
MUMBAI DEMAND	2838	2809	2749	2267
STATE DEMAND MET	19003	18678	17058	13898
STATE DEMAND	19077	18763	17058	13898
Frequency (Hz)	49.96	49.95	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 21.57 Hrs	49.75 Hz at 06.43 Hrs	49.95	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 18/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	0.12	54.21	102	0
Unit 8	11.99	157.06	540	470
Total	12.10	211.26		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	4.18	186.05	510	0
Unit 5	9.20	190.25	510	320
Total	13.38	376.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.93	55.87	229	186
Unit 7	0.00	79.96	0	0
Total	4.93	135.83		
Chandrapur				
Unit 3	4.32	80.71	199	165
Unit 4	4.37	79.56	199	168
Unit 5	7.47	117.69	430	0
Unit 6	9.36	174.67	435	350
Unit 7	9.22	157.00	435	355
Unit 8	9.91	183.26	491	355
Total	44.65	792.89		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.32	91.39	189	0
Total	0.32	91.39		
Khaparkheda				
Unit 1	4.15	66.20	195	155
Unit 2	4.20	75.33	195	160
Unit 3	4.32	77.05	207	159
Unit 4	4.21	68.83	192	162
Unit 5	10.45	183.69	500	374
Total	27.33	471.09		
Nasik				
Unit 3	4.06	76.12	200	165
Unit 4	4.03	32.83	199	162
Unit 5	0.00	40.10	0	0
Total	8.09	149.05		
Uran				
All Units	10.74	185.44	470	422
Total	10.74	185.44		
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)	0.18	8.98	40	0
Total	0.18	8.98		
Koyna				
Stage 1-2	5.67	71.20	520	45
Stage 4	1.88	75.97	250	0
Stage 3	1.81	31.25	160	0
Total	9.36	178.43		
Hydro				
KDPH	0.00	11.97	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.37	6.64	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	3.64	80	0
RNGR+BHTSA	0.38	5.88	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	9.93	41	26
GHATGHAR	0.32	17.34	110	0
Total	2.08	55.40		
Wind				
Total	8.35	102.85	0	0
Total	8.35	102.85		
CPP				
APML(Mus)	51.65	987.81	0	0
JSWEL(Mus)	16.13	391.55	0	0
VIPL(Mus)	11.98	198.92	0	0
RPLAMT(Mus)	0.00	228.75	0	0
WPCL(Mus)	4.14	72.72	0	0
Other(Mus)	8.40	106.15	0	0
Total	92.29	1985.90		
SOLAR				
Total	1.18	21.47	0	0
Total	1.18	21.47		
Tata				
Trombay 5	7.75	172.09	468	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	49.20	116	80
Trombay 7B	1.51	28.21	67	55
Trombay 8	5.32	96.29	252	198
TATA Hydro	5.08	72.90	459	0
Total	22.18	418.69		
R-INFRA				
1-2	9.50	179.79	508	384
Total	9.50	179.79		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	2.15	25.90
Koradi 9	14.65	49.73
Koradi 10	0.00	0.00
Parli 8	3.76	35.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.36	2339.37
MSPGCL Thml+Gas	142.11	2524.81
MSPGCL Hydro	11.43	233.82

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	153.54	2758.63
Koyna 1,2 & 4 Total	7.55	147.17
State Total	287.04	5481.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5233	91	455	5779	729	3448	0	0	2942	3315	-937	12334	0	12334	1984	14318	49.98
2	5071	256	447	5774	651	3448	0	0	2760	3028	-738	12163	0	12163	1807	13970	49.97
3	5068	397	467	5932	577	3446	0	0	2764	2972	-662	12265	0	12265	1715	13980	49.97
4	5117	333	446	5896	601	3456	0	0	2914	3094	-595	12452	0	12452	1652	14104	49.97
5	5230	309	468	6007	546	3454	0	0	2998	3245	-581	12671	0	12671	1650	14321	49.95
6	5323	750	457	6530	565	3614	0	1	3396	3579	-667	13622	0	13622	1760	15382	49.93
7	5834	876	466	7176	574	4005	0	4	4177	4208	-768	15199	0	15199	1904	17103	49.91
8	5979	790	458	7227	514	4115	0	20	5155	4966	-690	16152	27	16179	2025	18204	49.94
9	6038	736	470	7244	383	4141	0	55	5506	5173	-878	16118	74	16192	2368	18560	49.98
10	6038	482	450	6970	362	4169	0	112	5689	5498	-981	16130	114	16244	2574	18818	49.93
11	5712	545	448	6705	299	4149	0	151	5736	5760	-1068	15996	79	16075	2771	18846	49.97
12	5802	741	434	6977	204	4150	0	173	5900	5830	-1169	16165	74	16239	2838	19077	49.96
13	5870	671	422	6963	141	4127	0	180	5914	5633	-1175	15869	85	15954	2809	18763	49.95
14	5876	699	427	7002	109	4093	0	160	5795	5598	-1128	15834	63	15897	2720	18617	49.99
15	5791	560	425	6776	101	4164	0	141	5749	5698	-1086	15794	12	15806	2710	18516	49.92
16	5714	639	427	6780	122	4242	0	106	5612	5498	-1126	15622	0	15622	2755	18377	49.92
17	5597	574	429	6600	131	4238	0	60	5508	5155	-1060	15124	3	15127	2705	17832	49.87
18	5095	278	451	5824	150	3944	0	18	5276	5034	-1208	13762	10	13772	2678	16450	49.94
19	5042	566	424	6032	168	3843	0	1	5427	5518	-1253	14309	0	14309	2749	17058	49.97
20	5062	352	443	5857	180	3846	0	0	5583	5422	-1236	14069	0	14069	2669	16738	49.98
21	5111	150	454	5715	214	3820	0	0	4847	4762	-1359	13152	0	13152	2551	15703	49.95
22	5262	98	452	5812	270	3517	0	0	4585	4343	-1507	12435	0	12435	2394	14829	50.02
23	5261	128	455	5844	352	3438	0	0	3699	3400	-1403	11631	0	11631	2267	13898	49.95
24	5239	413	469	6121	407	3417	0	0	2803	3140	-1197	11888	0	11888	2098	13986	49.99
MUs	131.37	11.43	10.74	153.54	8.35	92.29	0.00	1.18	110.73	109.87	-24.47	340.76	0.54	341.30	56.15	397.45	49.95

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 18/Nov/2016

Position as on 6.30 Hrs of 19/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).	
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	18/11/2016	12.52	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	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Nov/2016

Position as on 6.30 Hrs of 19/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-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	
MSPGCL	Bhusawal Unit 4	500	18/11/2016	10.16		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	18/11/2016	13.37	18/11/2016	15.58	Low Air Flow.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	For COD Conformation.	
TPC-G	Trombay 5	500	18/11/2016	19.56		Continued.	Outage For Attending Leakage In Generator Hydrogen Cooling System.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 19/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							
Kolhapur Solapur(PG) I	InterState	17/11/2016	21.11	18/11/2016	07.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/11/2016	21.59	18/11/2016	07.11	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/11/2016	20.19		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)
Jaigad-Karad Ckt-II	IntraState	15/11/2016	21.56		Continued.	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	16/11/2016	09.43	18/11/2016	17.37	PO	Diagnostic Testing & Allied Bay Maintenance Work.
karad -kolhapur-I	IntraState	16/11/2016	20.58		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/11/2016	19.07	19/11/2016	05.42	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	18/11/2016	09.36		Continued.	PO	Testing And 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.
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	Divering 100kv padghe-sahapur line THR nasik-know park line.
Osmanabad - Solapur (Bale)	IntraState	17/11/2016	15.10	18/11/2016	17.05	T	Distance Protection
Lonand-Bothe	IntraState	18/11/2016	09.20	18/11/2016	15.10	PO	Repacement Of Conductor.
Talandge(400kv)- Sawantwadi(Insul	IntraState	18/11/2016	09.37	18/11/2016	12.56	PO	Insulator Washing Work And R&M Work.
Ghatghar - Bapgaon	IntraState	18/11/2016	11.48	18/11/2016	13.05	PO	Ghatgar Mock Drill Black Start.
New Koyana - Niwali	IntraState	18/11/2016	12.06	18/11/2016	15.34	EO	Line Maintenance work
Talandge-Hamidwada	IntraState	18/11/2016	14.38	18/11/2016	17.47	PO	Insulator Washing Work And R&M Work.
Telco- Chinchwad	IntraState	18/11/2016	23.04	19/11/2016	02.08	PO	To Carry Out The Stringing Work.
Kharghar Trombay	IntraState	18/11/2016	23.05	18/11/2016	23.24	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)
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	18/11/2016	09.16		Continued.	PO	Service Of OLTC And R&M Work.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	18/11/2016	10.17	18/11/2016	18.26	PO	Annual Maintenance Work
100 KV LINE 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 18/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Shahapur 1	IntraState	14/11/2016	08.50		Continued.	T	At loc. no 38 tower collapse.