

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Nov/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.721	1291.836	1) Gujrat	-3.145	-2.951
2) Hydro	8.456	140.346	2) Madhya Pradesh	6.788	97.123
3) Gas	10.925	105.243	3) Chattisgarh	2.620	63.350
Total MSPGCL	158.102	1537.425	4) Maharashtra Net	107.362	993.452
B) 1) APML	49.882	577.359	5) Goa (Amona)	-0.732	-7.400
2) JSWEL	22.950	225.339	Total	112.893	1143.574
3) VIPL	12.315	106.557	a) Mumbai Schedule	17.670	164.472
4) RPL(AMT)	20.612	112.795	b) Mumbai Drawl	19.144	193.249
5) WPCL	4.285	39.165	c) MSEDCL Bilateral *	26.870	267.770
6) PGPL	2.717	3.374	Include PX	-0.832	-9.263
7) Other IPP	6.349	46.214	d) Mumbai Bilateral *	17.670	164.472
C) 1) TPCL Thermal	15.230	152.343	Include PX	1.024	15.347
2) TPCL Hydro	4.486	41.999	Include Standby	0.000	0.000
3) TPCL Gas	4.344	43.856	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.680	106.831	1) MSEDCL	376.712	3661.767
D) STATE			2) Mumbai Discoms	53.884	538.275
1) Thermal	281.024	2658.439	TOTAL STATE	430.596	4200.042
(A1+C1+C4+(B1-B6))					
2) Hydro	12.942	182.345			
(A2+C2)					
3) Gas	17.986	152.473			
(A3+B6+C3)					
4) Wind	4.744	51.094			
6) SOLAR	1.007	12.120			
TOTAL STATE	317.703	3056.471			

* 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 17 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6497	6074	6108	5164
MSPGCL Hydro	713	631	1387	113
MSPGCL Gas	466	429	445	476
MSPGCL Total Generation	7676	7134	7940	5753
Central Sector Receipt	5078	5175	5452	3209
WIND	181	96	177	269
CPP / IPP Thermal	5359	4989	5278	4344
CPP / IPP Gas	233	231	159	0
SOLAR	102	38	0	0
Exchange with Mumbai	-873	-870	-890	-506
MSEDCL DEMAND MET	17756	16793	18116	13069
Load Shedding	0	0	0	0
MSEDCL DEMAND	17756	16793	18116	13069
TPCL GENERATION	1165	1298	1291	696
R-INFRA GENERATION	506	508	508	386
MUMBAI DEMAND	2544	2676	2689	1588
STATE DEMAND MET	20300	19469	20805	14657
STATE DEMAND	20300	19469	20805	14657
Frequency (Hz)	49.95	49.90	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05:03 Hrs	49.75 Hz at 15:19 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 10/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	4.00	28.56	175	155
Unit 8	6.98	53.36	500	0
Total	10.98	81.92		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.52	108.02	500	355
Unit 5	10.41	107.54	505	350
Total	20.94	215.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.18	28.33	230	188
Unit 7	5.05	46.98	234	180
Total	10.24	75.30		
Chandrapur				
Unit 3	4.55	45.30	203	165
Unit 4	4.50	44.22	196	172
Unit 5	10.14	91.75	460	349
Unit 6	9.15	101.00	470	299
Unit 7	9.41	94.67	419	360
Unit 8	10.86	104.02	500	370
Total	48.60	480.96		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	54.14	246	191
Total	5.36	54.14		
Khaparkheda				
Unit 1	4.15	39.40	185	155
Unit 2	4.27	42.32	195	160
Unit 3	4.36	44.63	203	158
Unit 4	4.35	35.05	196	161
Unit 5	11.00	98.86	500	369
Total	28.13	260.26		
Nasik				
Unit 3	4.30	43.46	200	165
Unit 4	0.00	10.62	0	0
Unit 5	4.29	32.89	206	160
Total	8.59	86.98		
Uran				
All Units	10.92	105.24	480	423
Total	10.92	105.24		
PGPL				
Unit 1	1.69	2.10	148	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	1.03	1.28	90	0
Total	2.72	3.37		
PENCH (MS)				
Pench (MS)	0.25	6.76	47	0
Total	0.25	6.76		
Koyna				
Stage 1-2	3.04	40.58	380	40
Stage 4	1.58	50.21	702	0
Stage 3	0.60	19.06	160	0
Total	5.22	109.84		
Hydro				
KDPH	0.89	8.44	38	37
VTRNA	0.00	0.00	0	0
TILLARI	0.37	3.66	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.93	80	0
RNGR+BHTSA	0.00	2.96	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.78	3.58	42	29
GHATGHAR	1.05	9.93	250	0
Total	3.24	30.50		
Wind				
Total	4.74	51.09	0	0
Total	4.74	51.09		
CPP				
APML(Mus)	49.88	577.36	0	0
JSWEL(Mus)	22.95	225.34	0	0
VIPL(Mus)	12.32	106.56	0	0
RPLAMT(Mus)	20.61	112.80	0	0
WPCL(Mus)	4.28	39.16	0	0
Other(Mus)	6.35	46.21	0	0
Total	116.39	1107.43		
SOLAR				
Total	1.01	12.12	0	0
Total	1.01	12.12		
Tata				
Trombay 5	9.82	98.48	494	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	27.89	116	114
Trombay 7B	1.58	15.97	67	65
Trombay 8	5.40	53.86	248	200
TATA Hydro	4.49	42.00	392	19
Total	24.06	238.20		
R-INFRA				
1-2	10.68	106.83	511	385
Total	10.68	106.83		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	5.50	24.83
Koradi 10	0.00	0.00
Parli 8	0.39	11.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	138.72	1291.84
MSPGCL Thml+Gas	149.65	1397.08
MSPGCL Hydro	8.46	140.35

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	158.10	1537.42
Koyna 1,2 & 4 Total	4.62	90.79
State Total	317.70	3056.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5288	113	475	5876	228	4343	0	0	3334	3472	-777	13142	0	13142	1855	14997	49.97
2	5253	108	467	5828	253	4370	0	0	3110	3280	-591	13140	0	13140	1673	14813	49.96
3	5164	113	476	5753	269	4344	0	0	3146	3209	-506	13069	0	13069	1588	14657	50.00
4	5106	113	468	5687	286	4354	0	0	3139	3311	-453	13185	0	13185	1534	14719	49.98
5	5108	113	478	5699	330	4353	0	0	3634	3875	-450	13807	0	13807	1532	15339	49.99
6	5262	113	469	5844	293	4378	21	0	4334	4393	-530	14399	0	14399	1612	16011	49.96
7	5748	107	480	6335	237	4562	36	0	4956	5077	-644	15603	0	15603	1747	17350	49.94
8	6259	217	470	6946	154	5078	177	21	5059	4971	-661	16685	0	16685	1963	18648	49.98
9	6428	292	479	7199	99	5346	229	67	5107	4993	-579	17354	0	17354	2161	19515	49.96
10	6497	713	466	7676	181	5359	233	102	5162	5078	-873	17756	0	17756	2544	20300	49.95
11	6382	409	446	7237	208	5268	232	155	5177	5211	-967	17344	0	17344	2704	20048	49.97
12	6056	319	434	6809	150	5055	232	139	5245	5143	-1068	16460	0	16460	2745	19205	49.92
13	6024	242	434	6700	138	5024	232	140	5298	5152	-928	16458	0	16458	2721	19179	49.93
14	6047	261	423	6731	114	5003	233	139	5190	5421	-927	16714	7	16721	2636	19357	49.97
15	6034	381	423	6838	127	5003	234	120	5286	5189	-882	16629	7	16636	2653	19289	49.88
16	6033	436	438	6907	114	4997	232	81	5336	5234	-920	16645	7	16652	2661	19313	49.87
17	6074	631	429	7134	96	4989	231	38	5167	5175	-870	16793	0	16793	2676	19469	49.90
18	6092	781	436	7309	113	5217	236	5	5058	4718	-822	16776	0	16776	2632	19408	49.91
19	6108	1387	445	7940	177	5278	159	0	5216	5452	-890	18116	0	18116	2689	20805	49.99
20	6042	660	447	7149	164	5185	0	0	5490	5771	-901	17368	0	17368	2645	20013	49.98
21	5895	491	460	6846	119	4953	0	0	5391	5198	-925	16191	0	16191	2439	18630	49.97
22	5603	229	455	6287	165	4849	0	0	5282	5337	-1052	15586	0	15586	2324	17910	49.98
23	5175	121	467	5763	336	4639	0	0	4864	4480	-996	14222	0	14222	2133	16355	49.98
24	5043	106	460	5609	393	4445	0	0	3773	3753	-932	13268	0	13268	2017	15285	49.98
MUs	138.72	8.46	10.92	158.10	4.74	116.39	2.72	1.01	112.75	112.89	-19.14	376.71	0.02	376.73	53.88	430.62	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 10/Nov/2016

Position as on 6.30 Hrs of 11/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	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	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-8	660	06/11/2016	20.16	10/11/2016	04:55	Coal mill problem	
PGPL	PGPL U1	262	09/11/2016	19.01	10/11/2016	05.06	Due to No Schedule.	
PGPL	PGPL U2	126	09/11/2016	19.01	10/11/2016	07.06	Due to No Schedule.	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 11/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	09/11/2016	20.04	10/11/2016	07.21	HT	Over Voltage
Koradi Bhilai	InterState	10/11/2016	10.25		Continued.	PO	RMW & CT Repalacement Work.
Dhule Sar'Sarovar I	InterState	10/11/2016	20.05		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	09/11/2016	02.13	10/11/2016	08.48	HT	Over Voltage
Girwali- Lonikand 2	IntraState	09/11/2016	14.09	10/11/2016	12.01	PO	Shifted on TBC.
Karad - Jaigad - II	IntraState	09/11/2016	18.10	10/11/2016	15.32	HT	Over Voltage
karad -kolhapur-I	IntraState	10/11/2016	08.32	10/11/2016	18.56	PO	OPGW Work.
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	10/11/2016	09.17	10/11/2016	20.15	PO	Nemirical Relay Replacement Work.
400/220kv 315MVA ICT-I@Parly	IntraState	10/11/2016	23.47		Continued.	PO	NDR Operated
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
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)
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.
Bableshtar - Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshtar -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.
Apta - Tambati	IntraState	10/11/2016	08.10	10/11/2016	10.38	PO	CT Oil Leakage Attending Work.
Sahara-Urse	IntraState	10/11/2016	08.18	10/11/2016	20.19	PO	Bay Shifting Work.
Osmanabad - Solapur (Bale)	IntraState	10/11/2016	08.20		Continued.	T	DP,Zone-1, R-Y-B,Current-5Kamp ,Distance-Normalise From Parali End.Load Affeted 159MW.
Urse - Talegaon (Ambi) Ckt 2	IntraState	10/11/2016	08.28	10/11/2016	20.17	PO	Bay Shifting Work.
Kalwa 52B Interconnector CB	IntraState	10/11/2016	09.45	10/11/2016	14.14	PO	RMW Work.
Flagship-Nandedcity	IntraState	10/11/2016	10.13	10/11/2016	15.55	PO	RMW Work.
Ghodbunder - Versova	IntraState	10/11/2016	13.34		Continued.	PO	Rellay Testing Work.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	10/11/2016	14.22	10/11/2016	19.33	EO	R Phase Jumper Replacement Work.
Chakan-Chinchwad	IntraState	10/11/2016	22.18		Continued.	PO	String Work Of Multicicut Tower.
Telco- Chinchwad	IntraState	10/11/2016	22.28		Continued.	PO	String Work Of Multicicut Tower.
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 10/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 11/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	10/11/2016	09.20	10/11/2016	18.52	PO	RMW Work.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	10/11/2016	10.13	10/11/2016	14.17	PO	RMW Work.