

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Nov/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.847	763.909	1) Gujrat	-2.241	9.361
2) Hydro	16.458	76.590	2) Madhya Pradesh	9.521	60.894
3) Gas	10.907	61.820	3) Chattisgarh	6.730	41.490
Total MSPGCL	155.212	902.319	4) Maharashtra Net	101.698	587.925
B) 1) APML	58.110	373.489	5) Goa (Amona)	-0.592	-4.634
2) JSWEL	23.188	132.519	Total	115.116	695.036
3) VIPL	12.756	56.153	a) Mumbai Schedule	15.717	93.405
4) RPL(AMT)	11.447	27.650	b) Mumbai Drawl	14.024	116.714
5) WPCL	4.293	21.807	c) MSEDCL Bilateral *	25.788	157.666
6) PGPL	0.000	0.000	Include PX	-0.856	-8.541
7) Other IPP	4.443	23.885	d) Mumbai Bilateral *	15.717	93.405
C) 1) TPCL Thermal	15.683	90.058	Include PX	0.000	11.437
2) TPCL Hydro	1.673	22.632	Include Standby	0.000	0.000
3) TPCL Gas	4.343	26.428	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.865	63.455	1) MSEDCL	374.044	2154.215
D) STATE			2) Mumbai Discoms	46.588	319.286
1) Thermal	268.632	1552.925	TOTAL STATE	420.632	2473.501
(A1+C1+C4+(B1-B6))					
2) Hydro	18.131	99.222			
(A2+C2)					
3) Gas	15.250	88.248			
(A3+B6+C3)					
4) Wind	2.248	30.592			
6) SOLAR	1.255	7.479			
TOTAL STATE	305.516	1778.466			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5650	5589	5675	4719
MSPGCL Hydro	1009	1018	1945	108
MSPGCL Gas	449	424	450	461
MSPGCL Total Generation	7108	7031	8070	5288
Central Sector Receipt	5113	5227	5200	3828
WIND	88	33	102	105
CPP / IPP Thermal	5230	4681	4693	4735
CPP / IPP Gas	0	0	0	0
SOLAR	129	150	0	0
Exchange with Mumbai	-419	-488	-586	-529
MSEDCL DEMAND MET	17249	16634	17479	13427
Load Shedding	0	0	0	0
MSEDCL DEMAND	17249	16634	17479	13427
TPCL GENERATION	1016	987	1155	696
R-INFRA GENERATION	506	508	510	386
MUMBAI DEMAND	1941	1983	2251	1611
STATE DEMAND MET	19190	18617	19730	15038
STATE DEMAND	19190	18617	19730	15038
Frequency (Hz)	49.97	50.00	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.59 Hrs	49.86 Hz at 11.07 Hrs	49.99	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 06/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	3.34	13.30	156	125
Unit 8	3.80	46.38	270	0
Total	7.14	59.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.13	64.58	510	360
Unit 5	11.11	64.17	510	360
Total	22.24	128.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	17.40	0	0
Unit 7	4.87	27.88	220	194
Total	4.87	45.27		
Chandrapur				
Unit 3	4.55	26.98	205	163
Unit 4	4.41	26.38	195	169
Unit 5	9.93	51.01	450	365
Unit 6	10.32	60.77	465	356
Unit 7	9.48	56.68	424	360
Unit 8	10.95	60.55	500	370
Total	49.63	282.37		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.54	32.66	250	198
Total	5.54	32.66		
Khaparkheda				
Unit 1	4.18	22.62	185	160
Unit 2	4.24	25.30	190	155
Unit 3	4.53	26.69	202	160
Unit 4	4.36	17.53	190	163
Unit 5	11.19	65.35	500	380
Total	28.49	157.48		
Nasik				
Unit 3	4.39	25.86	205	160
Unit 4	0.00	10.62	0	0
Unit 5	4.37	15.30	203	158
Total	8.76	51.79		
Uran				
All Units	10.91	61.82	477	424
Total	10.91	61.82		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.71	5.74	36	26
Total	0.71	5.74		
Koyna				
Stage 1-2	4.52	23.05	455	40
Stage 4	6.38	24.85	998	0
Stage 3	2.46	10.32	240	0
Total	13.36	58.22		
Hydro				
KDPH	0.89	4.88	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.37	2.23	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	1.07	70	0
RNGR+BHTSA	0.39	2.34	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	1.82	23	10
GHATGHAR	0.97	6.04	250	0
Total	3.10	18.38		
Wind				
Total	2.25	30.59	0	0
Total	2.25	30.59		
CPP				
APML(Mus)	58.11	373.49	0	0
JSWEL(Mus)	23.19	132.52	0	0
VIPL(Mus)	12.76	56.15	0	0
RPLAMT(Mus)	11.45	27.65	0	0
WPCL(Mus)	4.29	21.81	0	0
Other(Mus)	4.44	23.88	0	0
Total	114.24	635.50		
SOLAR				
Total	1.26	7.48	0	0
Total	1.26	7.48		
Tata				
Trombay 5	10.22	58.11	496	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	16.81	116	114
Trombay 7B	1.58	9.62	67	65
Trombay 8	5.47	31.94	247	199
TATA Hydro	1.67	22.63	240	19
Total	21.70	139.12		
R-INFRA				
1-2	10.86	63.46	510	385
Total	10.86	63.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	0.00	MSPGCL Thermal	127.85	763.91	MSPGCL Total	155.21	902.32
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	138.75	825.73	Koyna 1,2 & 4 Total	10.90	47.90
Koradi 10	0.00	0.00	MSPGCL Hydro	16.46	76.59	State Total	305.52	1778.47
Parli 8	1.17	5.89						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4510	118	471	5099	129	4847	0	0	4324	4082	-869	13288	0	13288	1948	15236	49.98
2	4604	103	461	5168	99	4779	0	0	4216	4192	-674	13564	0	13564	1760	15324	49.99
3	4641	118	474	5233	106	4743	0	0	4176	3972	-587	13467	0	13467	1668	15135	49.99
4	4719	108	461	5288	105	4735	0	0	4170	3828	-529	13427	0	13427	1611	15038	49.98
5	4747	108	474	5329	121	4748	0	0	4337	4114	-508	13804	0	13804	1593	15397	49.95
6	4850	313	461	5624	137	4762	0	0	4443	4505	-574	14454	0	14454	1658	16112	49.98
7	5391	173	477	6041	122	4886	0	2	5002	5091	-588	15554	0	15554	1671	17225	50.01
8	5692	253	466	6411	137	5100	0	27	5051	4927	-515	16087	0	16087	1714	17801	49.96
9	5718	583	477	6778	100	5232	0	82	5061	5349	-405	17136	0	17136	1838	18974	49.98
10	5650	1009	449	7108	88	5230	0	129	5068	5113	-419	17249	0	17249	1941	19190	49.97
11	5643	961	444	7048	84	4979	0	164	5085	4853	-539	16589	0	16589	2068	18657	49.97
12	5666	952	437	7055	76	4689	0	184	5101	5246	-574	16676	0	16676	2096	18772	49.98
13	5605	833	436	6874	62	4663	0	186	5108	5029	-530	16284	0	16284	2049	18333	49.97
14	5592	979	441	7012	44	4690	0	175	5099	5041	-507	16455	0	16455	2025	18480	50.03
15	5589	1018	424	7031	33	4681	0	150	5114	5227	-488	16634	0	16634	1983	18617	50.00
16	5607	1039	443	7089	28	4676	0	101	5137	5202	-461	16635	0	16635	1962	18597	50.01
17	5624	1044	427	7095	40	4696	0	47	5153	5126	-436	16568	0	16568	1938	18506	49.99
18	5620	1251	444	7315	77	4681	0	8	5148	5000	-460	16621	0	16621	1986	18607	50.00
19	5671	2007	446	8124	125	4689	0	0	5183	5162	-561	17539	0	17539	2190	19729	50.01
20	5675	1945	450	8070	102	4693	0	0	5176	5200	-586	17479	0	17479	2251	19730	50.02
21	5521	735	450	6706	80	4662	0	0	5211	5017	-601	15864	0	15864	2250	18114	49.98
22	5486	489	464	6439	83	4551	0	0	5163	4931	-748	15256	0	15256	2228	17484	50.02
23	5373	139	456	5968	101	4455	0	0	4815	4521	-946	14099	0	14099	2155	16254	49.99
24	4653	180	474	5307	169	4370	0	0	4291	4388	-919	13315	0	13315	2005	15320	50.01
MUs	127.85	16.46	10.91	155.21	2.25	114.24	0.00	1.25	116.63	115.12	-14.02	374.04	0.00	374.04	46.59	420.63	49.99

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 06/Nov/2016

Position as on 6.30 Hrs of 07/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	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05	07/11/2016	08.19	Zero Schedule By MSEDCL.	
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	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03	07/11/2016	06.21	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
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	Koradi Unit 9	660	29/10/2016	23.37	07/11/2016	23.09	Generator Seal Oil Leakage	
MSPGCL	Parli Unit 8	250	02/11/2016	22.13	06/11/2016	01.00	Air heater problem	
MSPGCL	Nasik Unit 4	210	03/11/2016	13.00		Continued.	Interchange With Unit-5	
MSPGCL	Parli Unit 6	250	04/11/2016	16.43		Continued.	Boiler Feed Pump Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Nov/2016

Position as on 6.30 Hrs of 07/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	05/11/2016	22.28	06/11/2016	00.36	High Metal Temperature.	
MSPGCL	Parli Unit 8	250	06/11/2016	08.44	06/11/2016	18.36	vaccum problem.	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	06/11/2016	20.16	06/11/2016	00.36	Coal mill broblem	
MSPGCL	Khaparkheda Unit 5	500	07/11/2016	10.13	07/11/2016	22.30	DCS network problem.	
MSPGCL	Uran Unit B0	120	07/11/2016	11.50	07/11/2016	13.18	Control fluid press low.	
MSPGCL	Parli Unit 8	250	07/11/2016	18.18	07/11/2016	12.30	BFP tripped	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 07/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 I	InterState	05/11/2016	19.45	06/11/2016	10.46	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/11/2016	17.25	07/11/2016	07.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/11/2016	19.07		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/11/2016	22.01		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/11/2016	23.01	06/11/2016	08.56	HT	Over Voltage
Padghe - Kalwa- I	IntraState	06/11/2016	11.20	06/11/2016	12.11	PO	Attending Hot Spot
Parly(MS)- Nanded	IntraState	06/11/2016	11.21	06/11/2016	16.42	PO	Quarterly Maintainance Work
Lonikand I - Koyna stage-IV	IntraState	06/11/2016	23.44	07/11/2016	08.01	HT	Over Voltage
karad -kolhapur-II	IntraState	06/11/2016	23.47	07/11/2016	09.31	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	05/11/2016	21.04	06/11/2016	01.03	PO	Attend Hot Spot Y Phase LV Side CB Problem.
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	06/11/2016	18.33	06/11/2016	18.36	PO	Switch problem.
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)
Bus B at Padgha	InterState	06/11/2016	11.56	06/11/2016	16.36	PO	Attending Hot Spot
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 on 28.10.2016 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	03/11/2016	18.07	06/11/2016	00.23	HT	H/T to controlwardha -ytml L/L
Pusad-Ghatodi	IntraState	06/11/2016	00.09	06/11/2016	02.43	HT	H/T in view of outage on wardha yeotmal ckt.
Nanded-Ghatodi	IntraState	06/11/2016	02.40		Continued.	PO	TO CONTROL WARDHA YEOTMAL L/L
Padgha-Temghar-II	IntraState	06/11/2016	08.58	06/11/2016	19.30	T	Bus outages.
Padgha - Temghar I	IntraState	06/11/2016	08.58	06/11/2016	19.30	HT	Bus outages.
Kalwa - Mulund 1	IntraState	06/11/2016	10.56		Continued.	PO	Conductor Replacement.
Kalwa-Salsette-VI	IntraState	06/11/2016	13.35	06/11/2016	17.52	PO	Attending Hot Spot
Halkarni-Mahalaxmiline	IntraState	07/11/2016	03.06	07/11/2016	04.11	T	Over Voltage
220kv Halkarni- Tillary	IntraState	07/11/2016	03.06	07/11/2016	04.04	T	Over Voltage
Bableswhar- Alephata	IntraState	07/11/2016	04.03		Continued.	T	CC failed at bableswhar end.
Pedhambe - Oni	IntraState	07/11/2016	04.11		Continued.	T	Distance Protection
Ghodbunder - Versova	IntraState	07/11/2016	09.11	07/11/2016	20.33	PO	Quarterly Maintainance Work

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 06/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 07/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Badnera Tss-I	IntraState	07/11/2016	11.28	07/11/2016	18.15	PO	Measurement of breaker timings.
Tata Borivli MSETCL Borivli 4	IntraState	07/11/2016	15.35	07/11/2016	16.54	PO	Attending Hot Spot
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)
Borivli : 220 / 110 / 22 250 MVA ICT 1	IntraState	06/11/2016	06.25	06/11/2016	18.35	PO	Measurment of Tan Delta and SFRA of ICT
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	06/11/2016	06.25	06/11/2016	18.35	PO	Diagonostic Testing.
220/132kV 200MVA ICT-III @ Nanded	IntraState	07/11/2016	11.50	07/11/2016	13.50	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Ambazari-Arvi	IntraState	07/11/2016	18.05	07/11/2016	18.30	T	Distance Protection

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