

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Nov/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.330	1013.007	1) Gujrat	-3.236	3.485
2) Hydro	18.272	119.255	2) Madhya Pradesh	10.012	82.446
3) Gas	10.883	83.428	3) Chattisgarh	6.310	54.400
Total MSPGCL	159.485	1215.690	4) Maharashtra Net	99.840	786.525
B) 1) APML	51.369	476.997	5) Goa (Amona)	-0.708	-5.982
2) JSWEL	23.385	179.084	Total	112.218	920.874
3) VIPL	12.750	81.739	a) Mumbai Schedule	17.947	128.933
4) RPL(AMT)	22.870	69.178	b) Mumbai Drawl	19.189	154.602
5) WPCL	4.412	30.608	c) MSEDCL Bilateral *	28.248	213.623
6) PGPL	0.000	0.000	Include PX	0.000	-7.685
7) Other IPP	5.268	33.802	d) Mumbai Bilateral *	17.947	128.933
C) 1) TPCL Thermal	15.549	121.585	Include PX	1.013	13.215
2) TPCL Hydro	5.194	33.268	Include Standby	0.000	0.000
3) TPCL Gas	4.345	35.164	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.858	85.322	1) MSEDCL	380.063	2904.802
D) STATE			2) Mumbai Discoms	55.135	429.940
1) Thermal	276.791	2091.322	TOTAL STATE	435.198	3334.742
(A1+C1+C4+(B1-B6))					
2) Hydro	23.466	152.523			
(A2+C2)					
3) Gas	15.228	118.592			
(A3+B6+C3)					
4) Wind	6.359	41.329			
6) SOLAR	1.136	10.103			
TOTAL STATE	322.980	2413.869			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5607	5594	5952	4730
MSPGCL Hydro	1899	1579	1790	116
MSPGCL Gas	457	424	430	476
MSPGCL Total Generation	7963	7597	8172	5322
Central Sector Receipt	5034	5019	5156	3588
WIND	256	155	134	334
CPP / IPP Thermal	5298	5289	5328	4321
CPP / IPP Gas	0	0	0	0
SOLAR	113	121	0	0
Exchange with Mumbai	-893	-932	-934	-498
MSEDCL DEMAND MET	17771	17249	17856	13067
Load Shedding	0	41	0	0
MSEDCL DEMAND	17771	17290	17856	13067
TPCL GENERATION	1175	1279	1347	694
R-INFRA GENERATION	504	507	502	387
MUMBAI DEMAND	2572	2718	2783	1579
STATE DEMAND MET	20343	19967	20639	14646
STATE DEMAND	20343	20008	20639	14646
Frequency (Hz)	49.97	49.95	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.01 Hrs	49.78 Hz at 10.15 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 08/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	3.87	20.65	170	150
Unit 8	0.00	46.38	0	0
Total	3.87	67.04		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.00	86.70	515	365
Unit 5	11.03	86.32	510	360
Total	22.03	173.02		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.68	18.08	180	0
Unit 7	4.92	37.38	223	173
Total	5.60	55.47		
Chandrapur				
Unit 3	4.57	36.19	205	165
Unit 4	4.45	35.26	200	165
Unit 5	10.17	71.29	460	365
Unit 6	10.39	81.52	470	358
Unit 7	9.69	76.08	430	364
Unit 8	10.83	82.45	500	360
Total	50.10	382.79		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.29	43.41	241	193
Total	5.29	43.41		
Khaparkheda				
Unit 1	4.28	31.06	195	155
Unit 2	4.31	33.78	200	135
Unit 3	4.57	35.80	207	161
Unit 4	4.39	26.31	200	162
Unit 5	7.39	77.35	380	155
Total	24.93	204.31		
Nasik				
Unit 3	4.42	34.71	205	160
Unit 4	0.00	10.62	0	0
Unit 5	4.41	24.19	202	162
Total	8.83	69.52		
Uran				
All Units	10.88	83.43	487	423
Total	10.88	83.43		
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)	0.26	6.26	52	0
Total	0.26	6.26		
Koyna				
Stage 1-2	4.11	34.12	525	40
Stage 4	8.59	44.47	937	0
Stage 3	2.54	16.66	240	0
Total	15.24	95.24		
Hydro				
KDPH	0.89	6.66	38	37
VTRNA	0.00	0.00	0	0
TILLARI	0.37	2.92	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	1.51	80	0
RNGR+BHTSA	0.24	2.96	17	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	2.31	21	7
GHATGHAR	1.02	7.65	248	0
Total	3.03	24.01		
Wind				
Total	6.36	41.33	0	0
Total	6.36	41.33		
CPP				
APML(Mus)	51.37	477.00	0	0
JSWEL(Mus)	23.38	179.08	0	0
VIPL(Mus)	12.75	81.74	0	0
RPLAMT(Mus)	22.87	69.18	0	0
WPCL(Mus)	4.41	30.61	0	0
Other(Mus)	5.27	33.80	0	0
Total	120.05	871.41		
SOLAR				
Total	1.14	10.10	0	0
Total	1.14	10.10		
Tata				
Trombay 5	10.10	78.60	493	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	22.37	115	114
Trombay 7B	1.59	12.80	67	65
Trombay 8	5.45	42.98	247	198
TATA Hydro	5.19	33.27	434	16
Total	25.09	190.02		
R-INFRA				
1-2	10.86	85.32	509	384
Total	10.86	85.32		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	7.30	7.34
Koradi 10	0.00	0.00
Parli 8	2.38	10.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.33	1013.01
MSPGCL Thml+Gas	141.21	1096.44
MSPGCL Hydro	18.27	119.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	159.48	1215.69
Koyna 1,2 & 4 Total	12.70	78.58
State Total	322.98	2413.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4540	160	459	5159	436	4592	0	0	4010	3911	-840	13258	0	13258	1919	15177	50.00
2	4715	102	472	5289	436	4429	0	0	3789	3582	-638	13098	0	13098	1719	14817	49.96
3	4756	112	464	5332	405	4387	0	0	3713	3541	-554	13111	0	13111	1636	14747	49.95
4	4730	116	476	5322	334	4321	0	0	3576	3588	-498	13067	0	13067	1579	14646	49.96
5	4742	181	479	5402	269	4425	0	0	3874	3841	-503	13434	0	13434	1585	15019	49.96
6	4846	111	469	5426	254	4744	0	0	4510	4510	-587	14347	0	14347	1665	16012	49.92
7	5558	216	487	6261	282	5014	0	0	4701	4853	-622	15788	0	15788	1739	17527	49.97
8	5674	662	467	6803	280	5296	0	33	4860	5099	-456	17055	0	17055	1956	19011	49.92
9	5638	1169	487	7294	200	5320	0	79	4952	5172	-582	17483	0	17483	2186	19669	49.95
10	5607	1899	457	7963	256	5298	0	113	4953	5034	-893	17771	0	17771	2572	20343	49.97
11	5792	1512	447	7751	394	5291	0	146	5029	4750	-977	17355	0	17355	2810	20165	49.99
12	5632	937	438	7007	339	5289	0	165	5075	4973	-989	16784	0	16784	2846	19630	49.98
13	5504	999	425	6928	234	5291	0	163	5045	5150	-938	16828	0	16828	2796	19624	49.95
14	5542	1150	423	7115	176	5264	0	149	5012	4981	-889	16796	0	16796	2678	19474	50.00
15	5594	1579	424	7597	155	5289	0	121	5084	5019	-932	17249	41	17290	2718	20008	49.95
16	5611	1117	434	7162	138	5300	0	104	5076	4980	-940	16744	12	16756	2724	19480	49.97
17	5823	1042	439	7304	135	5311	0	48	5033	5071	-902	16967	0	16967	2723	19690	49.97
18	5825	1131	443	7399	119	5325	0	15	5054	5129	-849	17138	0	17138	2684	19822	49.93
19	5952	1790	430	8172	134	5328	0	0	5194	5156	-934	17856	0	17856	2783	20639	49.96
20	5891	1365	457	7713	154	5259	0	0	5203	5408	-876	17658	0	17658	2684	20342	49.98
21	5927	583	436	6946	216	5052	0	0	5178	5398	-814	16798	0	16798	2521	19319	49.96
22	5870	141	459	6470	328	4976	0	0	5125	4756	-958	15572	0	15572	2351	17923	50.01
23	5334	94	452	5880	335	4773	0	0	4773	4429	-1040	14377	0	14377	2199	16576	50.03
24	5227	104	459	5790	350	4482	0	0	3812	3887	-978	13530	0	13530	2062	15592	49.98
MUs	130.33	18.27	10.88	159.49	6.36	120.05	0.00	1.14	112.63	112.22	-19.19	380.06	0.05	380.12	55.13	435.25	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 08/Nov/2016

Position as on 6.30 Hrs of 09/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	
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	Nasik Unit 4	210	03/11/2016	13.00		Continued.	Interchange With Unit-5	
MSPGCL	Parli Unit 6	250	04/11/2016	16.43	08/11/2016	15.53	Boiler Feed Pump Problem.	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	08/11/2016	10.18	08/11/2016	21.06	Turbine Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 09/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	07/11/2016	19.07	08/11/2016	06.45	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/11/2016	22.01	08/11/2016	06.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/11/2016	19.39	09/11/2016	07.04	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/11/2016	00.11	09/11/2016	06.52	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	07/11/2016	21.15		Continued.	HT	Due to DGA analysis abnormal results are found.
Jaigad-Karad Ckt-II	IntraState	08/11/2016	02.06	08/11/2016	09.00	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	08/11/2016	10.34	08/11/2016	16.39	PO	Shifted on TBC To Attend Hot Spot.
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT III @Karad	IntraState	08/11/2016	10.15	08/11/2016	13.20	PO	Maintenance Work.
400/220 KV 315MVA ICT II @ Parli	IntraState	08/11/2016	15.23	08/11/2016	17.19	EO	For Verifying Source of Smoke Attending the same on B Ph Unit.
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.
Bableswhar- Alephata	IntraState	07/11/2016	04.03	08/11/2016	01.45	T	CC failed at bableswhar end.
Pedhambe - Oni	IntraState	07/11/2016	04.11	08/11/2016	14.35	T	Distance Protection
Uran - Kharghar 2	IntraState	08/11/2016	10.00	08/11/2016	19.34	PO	Maintenance Work.
Paranda Tap Osmanabad - Barshi	IntraState	08/11/2016	10.40	08/11/2016	14.30	PO	Quarterly Maintainance Work
Badnera Tss-Ii	IntraState	08/11/2016	10.47	08/11/2016	15.24	PO	Routine Maintenance Work
Mururd - Tuljapur	IntraState	08/11/2016	10.56	08/11/2016	14.17	PO	Quarterly Maintainance Work
Mumewadi-Belewadi	IntraState	08/11/2016	12.09	08/11/2016	13.55	PO	Relay Testing Work.
Ambazari-Abhijeet	IntraState	08/11/2016	12.24	08/11/2016	17.33	PO	For Replacement of Damaged Jumper Connecting to Line I Isolator of B Ph Breaker Timing IR Value of CT.
512 Khadki- Century Enka	IntraState	08/11/2016	12.31	08/11/2016	13.52	PO	Attending Hot Spot
Paras-Balapur I	IntraState	08/11/2016	18.29	08/11/2016	20.32	HT	To Control Akola ICT O/L.
Paras-Balapur Iv	IntraState	08/11/2016	18.34	08/11/2016	20.33	HT	To Control Akola ICT O/L.
Badnera - Amravati	IntraState	08/11/2016	18.37	08/11/2016	19.56	HT	To Control Akola ICT O/L.

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 08/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 09/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mumewadi-Belewadi	IntraState	08/11/2016	19.05	08/11/2016	23.12	EO	Snapped Conductor Replacement Work.
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-II @Kalwa	IntraState	08/11/2016	05.54	08/11/2016	17.54	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	08/11/2016	09.03	08/11/2016	18.03	PO	Diagnostic Testing Work.
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	08/11/2016	11.52	08/11/2016	17.37	PO	Relay Testing Work.
220/66 Kv 50 Mva Bhel Ptr 1 @Wardha	IntraState	08/11/2016	12.46	08/11/2016	16.43	PO	Bushing Replacement Work.