

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Nov/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.108	1153.115	1) Gujrat	-3.291	0.194
2) Hydro	12.635	131.890	2) Madhya Pradesh	7.889	90.335
3) Gas	10.890	94.318	3) Chattisgarh	6.330	60.730
Total MSPGCL	163.633	1379.323	4) Maharashtra Net	99.565	886.090
B) 1) APML	50.480	527.477	5) Goa (Amona)	-0.686	-6.668
2) JSWEL	23.305	202.389	Total	109.807	1030.681
3) VIPL	12.503	94.242	a) Mumbai Schedule	17.869	146.801
4) RPL(AMT)	23.005	92.183	b) Mumbai Drawl	19.503	174.105
5) WPCL	4.272	34.880	c) MSEDCL Bilateral *	27.276	240.899
6) PGPL	0.657	0.657	Include PX	-0.746	-8.431
7) Other IPP	6.063	39.865	d) Mumbai Bilateral *	17.869	146.801
C) 1) TPCL Thermal	15.528	137.113	Include PX	1.108	14.323
2) TPCL Hydro	4.245	37.513	Include Standby	0.000	0.000
3) TPCL Gas	4.348	39.512	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.829	96.151	1) MSEDCL	380.253	3285.055
D) STATE			2) Mumbai Discoms	54.451	484.391
1) Thermal	286.093	2377.415	TOTAL STATE	434.704	3769.446
(A1+C1+C4+(B1-B6))					
2) Hydro	16.880	169.403			
(A2+C2)					
3) Gas	15.895	134.487			
(A3+B6+C3)					
4) Wind	5.021	46.350			
6) SOLAR	1.010	11.113			
TOTAL STATE	324.899	2738.768			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6202	6191	6236	5210
MSPGCL Hydro	1424	878	1430	96
MSPGCL Gas	453	439	444	466
MSPGCL Total Generation	8079	7508	8110	5772
Central Sector Receipt	5205	5128	5219	2740
WIND	206	94	95	417
CPP / IPP Thermal	5317	5324	5330	4440
CPP / IPP Gas	0	185	161	0
SOLAR	114	4	0	0
Exchange with Mumbai	-935	-826	-973	-499
MSEDCL DEMAND MET	17986	17417	17942	12870
Load Shedding	0	0	0	0
MSEDCL DEMAND	17986	17417	17942	12870
TPCL GENERATION	1080	1309	1271	699
R-INFRA GENERATION	505	509	507	385
MUMBAI DEMAND	2520	2644	2751	1583
STATE DEMAND MET	20506	20061	20693	14453
STATE DEMAND	20506	20061	20693	14453
Frequency (Hz)	49.97	50.03	50.03	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 21:55 Hrs	49.78 Hz at 19:34 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 09/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	3.91	24.56	177	155
Unit 8	0.00	46.38	0	0
Total	3.91	70.95		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.80	97.49	510	370
Unit 5	10.81	97.13	510	360
Total	21.60	194.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.06	23.14	228	187
Unit 7	4.54	41.92	220	112
Total	9.60	65.06		
Chandrapur				
Unit 3	4.56	40.75	205	164
Unit 4	4.46	39.72	199	168
Unit 5	10.33	81.62	460	365
Unit 6	10.33	91.85	470	362
Unit 7	9.18	85.26	411	345
Unit 8	10.71	93.16	500	360
Total	49.57	432.36		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.37	48.78	247	191
Total	5.37	48.78		
Khaparkheda				
Unit 1	4.20	35.26	190	160
Unit 2	4.26	38.04	195	155
Unit 3	4.47	40.27	201	160
Unit 4	4.38	30.70	195	161
Unit 5	10.51	87.86	500	375
Total	27.82	232.13		
Nasik				
Unit 3	4.46	39.16	205	165
Unit 4	0.00	10.62	0	0
Unit 5	4.41	28.60	203	160
Total	8.86	78.39		
Uran				
All Units	10.89	94.32	479	421
Total	10.89	94.32		
PGPL				
Unit 1	0.41	0.41	121	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.25	0.25	65	0
Total	0.66	0.66		
PENCH (MS)				
Pench (MS)	0.25	6.50	47	0
Total	0.25	6.50		
Koyna				
Stage 1-2	3.42	37.54	355	40
Stage 4	4.16	48.63	762	0
Stage 3	1.79	18.46	160	0
Total	9.38	104.62		
Hydro				
KDPH	0.89	7.55	38	37
VTRNA	0.00	0.00	0	0
TILLARI	0.37	3.28	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.79	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	0.49	2.80	31	17
GHATGHAR	1.23	8.88	250	0
Total	3.26	27.27		
Wind				
Total	5.02	46.35	0	0
Total	5.02	46.35		
CPP				
APML(Mus)	50.48	527.48	0	0
JSWEL(Mus)	23.30	202.39	0	0
VIPL(Mus)	12.50	94.24	0	0
RPLAMT(Mus)	23.00	92.18	0	0
WPCL(Mus)	4.27	34.88	0	0
Other(Mus)	6.06	39.86	0	0
Total	119.63	991.04		
SOLAR				
Total	1.01	11.11	0	0
Total	1.01	11.11		
Tata				
Trombay 5	10.06	88.66	497	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	25.13	116	114
Trombay 7B	1.59	14.38	67	65
Trombay 8	5.47	48.45	250	200
TATA Hydro	4.24	37.51	385	23
Total	24.12	214.14		
R-INFRA				
1-2	10.83	96.15	509	385
Total	10.83	96.15		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	12.00	19.34
Koradi 10	0.00	0.00
Parli 8	1.38	11.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	140.11	1153.12
MSPGCL Thml+Gas	151.00	1247.43
MSPGCL Hydro	12.64	131.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	163.63	1379.32
Koyna 1,2 & 4 Total	7.58	86.17
State Total	324.90	2738.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5295	106	467	5868	409	4394	0	0	3354	3575	-753	13493	0	13493	1836	15329	49.99
2	5270	96	464	5830	473	4449	0	0	3340	3045	-646	13151	0	13151	1730	14881	49.96
3	5245	96	479	5820	465	4446	0	0	3537	2964	-553	13142	0	13142	1637	14779	49.99
4	5210	96	466	5772	417	4440	0	0	3269	2740	-499	12870	0	12870	1583	14453	49.95
5	5217	105	470	5792	380	4474	0	0	3114	3240	-498	13388	0	13388	1581	14969	49.93
6	5258	195	479	5932	292	4473	0	0	3775	4043	-569	14171	0	14171	1655	15826	49.97
7	5801	325	479	6605	249	4837	0	0	4606	4725	-652	15764	0	15764	1796	17560	49.96
8	6109	190	471	6770	233	5312	0	23	4910	4691	-497	16532	0	16532	1946	18478	49.96
9	6219	910	471	7600	155	5326	0	71	4986	5152	-684	17620	0	17620	2242	19862	50.00
10	6202	1424	453	8079	206	5317	0	114	4978	5205	-935	17986	0	17986	2520	20506	49.97
11	6191	1050	455	7696	313	5306	0	140	4983	5004	-1033	17426	0	17426	2756	20182	49.99
12	6061	537	427	7025	208	5295	0	137	5053	5318	-1012	16971	0	16971	2758	19729	49.99
13	6123	570	439	7132	125	5306	0	145	5064	4849	-988	16569	0	16569	2731	19300	49.93
14	6140	525	426	7091	89	5298	0	142	5098	5291	-839	17072	0	17072	2643	19714	50.01
15	6084	698	422	7204	65	5301	48	120	5109	5074	-956	16855	0	16855	2657	19512	50.03
16	6140	729	434	7303	66	5314	98	79	5086	5084	-1027	16917	0	16917	2664	19581	50.03
17	6164	1032	421	7617	67	5322	154	35	4997	5004	-876	17323	0	17323	2650	19973	50.02
18	6191	878	439	7508	94	5324	185	4	4913	5128	-826	17417	0	17417	2644	20061	50.03
19	6236	1430	444	8110	95	5330	161	0	5054	5219	-973	17942	0	17942	2751	20693	50.03
20	6206	914	447	7567	92	5287	11	0	5291	5428	-885	17500	0	17500	2657	20157	49.96
21	6174	379	450	7003	82	5033	0	0	5246	5470	-867	16721	0	16721	2531	19252	49.97
22	5860	147	468	6475	76	4825	0	0	5104	5134	-964	15546	0	15546	2325	17871	50.01
23	5387	99	462	5948	155	4756	0	0	4847	4483	-1021	14321	0	14321	2125	16446	49.99
24	5325	104	457	5886	215	4464	0	0	3838	3941	-950	13556	0	13556	2035	15591	49.98
MUs	140.11	12.63	10.89	163.63	5.02	119.63	0.66	1.01	109.55	109.81	-19.50	380.25	0.00	380.25	54.45	434.71	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 09/Nov/2016

Position as on 6.30 Hrs of 10/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	09/11/2016	14.39	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20	09/11/2016	14.27	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	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	09/11/2016	10.45	09/11/2016	21.38	Drum level low	
PGPL	PGPL U2	126	09/11/2016	19.01		Continued.	Due to No Schedule.	
PGPL	PGPL U1	262	09/11/2016	19.01	10/11/2016	05.06	Due to No Schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 10/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	09/11/2016	22.21		Continued.	PO	Outage.
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	09/11/2016	00.11	09/11/2016	06.52	HT	Over Voltage
Koradi Satpur	InterState	09/11/2016	11.34	09/11/2016	17.07	PO	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	09/11/2016	20.04		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	09/11/2016	14.09		Continued.	PO	Shifted on TBC.
Karad - Jaigad - II	IntraState	09/11/2016	18.10		Continued.	HT	Over Voltage
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 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	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.
Purti-Bhugaon	IntraState	09/11/2016	10.19	09/11/2016	15.05	PO	Diagnostic Testing Work.
New Koyna - Niwali	IntraState	09/11/2016	10.22	09/11/2016	14.43	PO	Attending Hot Spot
Kandalgaon - Bhira	IntraState	09/11/2016	11.25	09/11/2016	17.20	PO	Attending R Ph CT Hot Spot.
Koradi-Khaperkheda	IntraState	09/11/2016	11.46	09/11/2016	14.40	PO	Measurment of Tan Delta of CT & CVT.
Badnera - Amravati	IntraState	09/11/2016	18.04	09/11/2016	19.16	HT	To Control 400KV Akola ICT O/L.
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	09/11/2016	21.32	09/11/2016	21.45	T	R Phase to Earth.
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)
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	09/11/2016	11.24	09/11/2016	17.20	PO	Attending Hot Spot on Bus & Line Isolator.
132 KV LINE Outages/Trippings							
Amravati-Akola	IntraState	09/11/2016	06.16	09/11/2016	06.36	T	Distance Protection
Pusad-Jambazar	IntraState	09/11/2016	07.33	09/11/2016	07.53	T	Pusud ICT LTS Operated.
Pusad-Gunj	IntraState	09/11/2016	07.33	09/11/2016	07.58	T	Pusud ICT LTS Operated.

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