

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Nov/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.169	251.876	1) Gujrat	3.621	7.794
2) Hydro	11.045	16.639	2) Madhya Pradesh	10.465	21.192
3) Gas	10.668	21.196	3) Chattisgarh	6.880	13.650
Total MSPGCL	150.882	289.711	4) Maharashtra Net	89.319	175.447
B) 1) APML	63.482	126.257	5) Goa (Amona)	-0.824	-1.622
2) JSWEL	21.244	41.093	Total	109.461	216.461
3) VIPL	5.746	11.510	a) Mumbai Schedule	17.449	30.278
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.412	42.561
5) WPCL	2.874	5.724	c) MSEDCL Bilateral *	27.143	55.560
6) PGPL	0.000	0.000	Include PX	-2.479	-2.558
7) Other IPP	3.819	7.503	d) Mumbai Bilateral *	17.449	30.278
C) 1) TPCL Thermal	15.449	28.890	Include PX	6.428	8.862
2) TPCL Hydro	4.952	7.085	Include Standby	0.000	0.000
3) TPCL Gas	4.430	8.787	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.815	20.413	1) MSEDCL	346.172	675.098
D) STATE			2) Mumbai Discoms	56.058	107.736
1) Thermal	252.598	493.266	TOTAL STATE	402.230	782.834
(A1+C1+C4+(B1-B6))					
2) Hydro	15.997	23.724			
(A2+C2)					
3) Gas	15.098	29.983			
(A3+B6+C3)					
4) Wind	7.819	16.908			
6) SOLAR	1.257	2.492			
TOTAL STATE	292.769	566.373			

* 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 3 Hrs
MSPGCL Thermal	5710	5921	5901	4524
MSPGCL Hydro	784	829	1599	179
MSPGCL Gas	446	437	439	460
MSPGCL Total Generation	6940	7187	7939	5163
Central Sector Receipt	4989	5462	5631	2908
WIND	390	55	75	657
CPP / IPP Thermal	4259	4257	4225	3564
CPP / IPP Gas	0	0	0	0
SOLAR	131	8	0	0
Exchange with Mumbai	-806	-808	-877	-643
MSEDCL DEMAND MET	15903	16161	16993	11649
Load Shedding	0	0	0	0
MSEDCL DEMAND	15903	16161	16993	11649
TPCL GENERATION	1260	1373	1375	698
R-INFRA GENERATION	508	508	509	387
MUMBAI DEMAND	2574	2689	2761	1728
STATE DEMAND MET	18477	18850	19754	13377
STATE DEMAND	18477	18850	19754	13377
Frequency (Hz)	49.94	49.89	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06:03 Hrs	49.73 Hz at 17:11 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 02/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	0.04	0.04	31	0
Unit 8	7.91	15.35	353	300
Total	7.95	15.38		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.70	20.70	510	355
Unit 5	10.62	20.51	500	355
Total	21.32	41.21		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.87	9.64	221	189
Unit 7	5.04	7.88	230	176
Total	9.91	17.52		
Chandrapur				
Unit 3	4.46	8.87	200	163
Unit 4	4.39	8.81	194	166
Unit 5	6.28	11.16	450	0
Unit 6	10.15	20.11	465	358
Unit 7	9.39	18.65	425	327
Unit 8	11.08	22.03	503	379
Total	45.75	89.63		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.41	10.80	251	192
Total	5.41	10.80		
Khaparkheda				
Unit 1	4.24	8.33	195	155
Unit 2	4.26	8.40	195	160
Unit 3	4.46	8.77	204	161
Unit 4	4.30	8.52	193	159
Unit 5	10.94	21.68	500	380
Total	28.21	55.71		
Nasik				
Unit 3	4.38	8.45	200	165
Unit 4	4.41	8.46	208	160
Unit 5	0.00	0.00	0	0
Total	8.79	16.91		
Uran				
All Units	10.67	21.20	470	410
Total	10.67	21.20		
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)	0.97	2.06	53	21
Total	0.97	2.06		
Koyna				
Stage 1-2	4.17	6.58	470	40
Stage 4	2.59	2.78	627	0
Stage 3	1.30	1.81	240	0
Total	8.06	11.17		
Hydro				
KDPH	0.88	1.35	37	36
VTRNA	0.00	0.00	0	0
TILLARI	0.37	0.74	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.05	0.09	30	0
RNGR+BHTSA	0.40	0.79	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	0.57	22	10
GHATGHAR	0.98	1.93	250	0
Total	2.99	5.47		
Wind				
Total	7.82	16.91	0	0
Total	7.82	16.91		
CPP				
APML(Mus)	63.48	126.26	0	0
JSWEL(Mus)	21.24	41.09	0	0
VIPL(Mus)	5.75	11.51	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.87	5.72	0	0
Other(Mus)	3.82	7.50	0	0
Total	97.16	192.09		
SOLAR				
Total	1.26	2.49	0	0
Total	1.26	2.49		
Tata				
Trombay 5	10.01	18.54	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	5.58	120	115
Trombay 7B	1.61	3.21	69	65
Trombay 8	5.44	10.35	248	200
TATA Hydro	4.95	7.08	452	6
Total	24.83	44.76		
R-INFRA				
1-2	10.82	20.41	510	386
Total	10.82	20.41		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	1.83	4.72

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	129.17	251.88
MSPGCL Thml+Gas	139.84	273.07
MSPGCL Hydro	11.04	16.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	150.88	289.71
Koyna 1,2 & 4 Total	6.76	9.36
State Total	292.77	566.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4548	114	467	5129	617	3514	0	0	3419	3286	-1003	11543	0	11543	2087	13630	49.95
2	4508	104	455	5067	631	3507	0	0	2996	3149	-810	11544	0	11544	1895	13439	49.98
3	4524	179	460	5163	657	3564	0	0	2713	2908	-643	11649	0	11649	1728	13377	49.97
4	4509	173	470	5152	641	3594	0	0	2729	2922	-550	11759	0	11759	1636	13395	49.96
5	4495	113	458	5066	611	3617	0	0	3083	3130	-572	11852	0	11852	1657	13509	49.93
6	4515	203	459	5177	607	3705	0	0	3701	3894	-688	12695	0	12695	1770	14465	49.93
7	4712	157	468	5337	615	4073	0	0	4465	4433	-708	13750	0	13750	1799	15549	49.93
8	5245	411	470	6126	474	4150	0	27	4738	4670	-745	14702	0	14702	1964	16666	49.96
9	5594	655	438	6687	397	4226	0	79	4899	4930	-662	15657	0	15657	2175	17832	49.99
10	5710	784	446	6940	390	4259	0	131	5114	4989	-806	15903	0	15903	2574	18477	49.94
11	5812	375	424	6611	303	4260	0	164	5165	5234	-890	15682	0	15682	2755	18437	49.95
12	5857	357	428	6642	185	4259	0	186	5245	5353	-1040	15585	0	15585	2801	18386	49.97
13	5950	378	415	6743	108	4265	0	185	5216	5110	-1119	15292	0	15292	2778	18070	49.92
14	5965	463	424	6852	59	4255	0	174	5168	5200	-946	15594	0	15594	2707	18301	49.99
15	5949	477	414	6840	37	4254	0	145	5199	5347	-891	15732	0	15732	2732	18464	49.92
16	5935	496	410	6841	32	4240	0	103	5285	5263	-897	15582	0	15582	2744	18326	49.95
17	5936	592	427	6955	32	4249	0	55	5288	5014	-855	15450	0	15450	2722	18172	49.92
18	5921	829	437	7187	55	4257	0	8	5182	5462	-808	16161	0	16161	2689	18850	49.89
19	5901	1599	439	7939	75	4225	0	0	5194	5631	-877	16993	0	16993	2761	19754	50.00
20	5876	1444	455	7775	88	4227	0	0	5225	5162	-859	16393	0	16393	2705	19098	49.97
21	5909	654	447	7010	97	4206	0	0	5175	5130	-844	15599	0	15599	2556	18155	49.98
22	5843	264	457	6564	191	4214	0	0	5116	4768	-971	14766	0	14766	2396	17162	49.98
23	5067	116	445	5628	366	4154	0	0	5116	4616	-1175	13589	0	13589	2286	15875	49.93
24	4888	108	455	5451	551	3890	0	0	4294	3860	-1053	12699	0	12699	2141	14840	49.96
MUs	129.17	11.04	10.67	150.88	7.82	97.17	0.00	1.26	109.73	109.46	-20.41	346.17	0.00	346.17	56.06	402.23	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 02/Nov/2016

Position as on 6.30 Hrs of 03/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	
CPP	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		Continued.	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		Continued.	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	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Koradi Unit 7	210	29/10/2016	20.13	02/11/2016	22.58	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	29/10/2016	22.00		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	29/10/2016	23.00		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Nov/2016

Position as on 6.30 Hrs of 03/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 9	660	29/10/2016	23.37		Continued.	Generator Seal Oil Leakage	
IPP	WPCL U-3	135	30/10/2016	06.55	02/11/2016	22.11	ID Fan Problem	
IPP	VIPL U-2	300	31/10/2016	05:16		Continued.	Water tube leakage	
MSPGCL	Chandrapur Unit 5	500	01/11/2016	12.32	02/11/2016	07.26	Due to electrical protection operated.	
MSPGCL	Parli Unit 8	250	02/11/2016	22.13		Continued.	Air heater problem	
MSPGCL	Uran Unit 5	108	03/11/2016	00.41		Continued.	Plan Maintenance.	
IPP	WPCL U-3	135	03/11/2016	01.26	03/11/2016	05.00	Turbine Vibration	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 03/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	30/10/2016	21.01	02/11/2016	09.25	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/11/2016	19.06		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Karad - Jaigad - II	IntraState	28/10/2016	23.57		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	30/10/2016	02.09		Continued.	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	02/11/2016	11.58	02/11/2016	17.28	HT	Attending Hot Spot
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)
Talandage - Chikodi	InterState	01/11/2016	00.00		Continued.	T	Line out from chikodi end.
Mudshingi Chikodi	InterState	01/11/2016	00.00		Continued.	T	Line out 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.
Kolhapur-Birdi	IntraState	02/11/2016	10.30	02/11/2016	17.15	PO	Replacement work
Mumewadi-Belewadi	IntraState	02/11/2016	21.20	03/11/2016	01.47	EO	String replacement.
Kalwa-Salsette-VI	IntraState	03/11/2016	00.17	03/11/2016	04.40	PO	Protection wrok.
Trombay Salsette 1 Backbay	IntraState	03/11/2016	00.18	03/11/2016	04.23	PO	Protection wrok.
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)
132 KV LINE Outages/Trippings							
Mangrulpir-Karanja Ckt I	IntraState	31/10/2016	08.52		Continued.	T	Bus section open at mangrukpir S/S to control balapur patur I/I.
Babhaleswhar-Rahuri	IntraState	02/11/2016	03.07	02/11/2016	07.45	T	Distance Protection

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