

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.476	382.352	1) Gujrat	2.069	9.863
2) Hydro	17.025	33.664	2) Madhya Pradesh	10.489	31.681
3) Gas	7.923	29.119	3) Chattisgarh	7.210	20.860
Total MSPGCL	155.424	445.135	4) Maharashtra Net	97.991	273.438
B) 1) APML	63.391	189.648	5) Goa (Amona)	-0.844	-2.466
2) JSWEL	22.199	63.292	Total	116.915	333.376
3) VIPL	7.565	19.075	a) Mumbai Schedule	13.519	43.797
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.943	62.504
5) WPCL	3.700	9.424	c) MSEDCL Bilateral *	24.305	79.864
6) PGPL	0.000	0.000	Include PX	-1.140	-3.698
7) Other IPP	3.976	11.479	d) Mumbai Bilateral *	13.519	43.797
C) 1) TPCL Thermal	15.505	44.395	Include PX	1.454	10.316
2) TPCL Hydro	5.554	12.639	Include Standby	0.000	0.000
3) TPCL Gas	4.429	13.216	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.896	31.309	1) MSEDCL	361.172	1036.270
D) STATE			2) Mumbai Discoms	56.326	164.062
1) Thermal	257.708	750.974	TOTAL STATE	417.498	1200.332
(A1+C1+C4+(B1-B6))					
2) Hydro	22.579	46.303			
(A2+C2)					
3) Gas	12.352	42.335			
(A3+B6+C3)					
4) Wind	6.649	23.557			
6) SOLAR	1.296	3.788			
TOTAL STATE	300.584	866.957			

* 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	5753	5818	5826	4868
MSPGCL Hydro	1577	1439	1950	118
MSPGCL Gas	311	294	296	311
MSPGCL Total Generation	7641	7551	8072	5297
Central Sector Receipt	5230	5763	5735	3357
WIND	423	86	139	488
CPP / IPP Thermal	4368	4234	4268	3652
CPP / IPP Gas	0	0	0	0
SOLAR	126	8	0	0
Exchange with Mumbai	-916	-809	-848	-612
MSEDCL DEMAND MET	16872	16833	17366	12182
Load Shedding	0	0	0	0
MSEDCL DEMAND	16872	16833	17366	12182
TPCL GENERATION	1219	1370	1376	699
R-INFRA GENERATION	509	509	508	387
MUMBAI DEMAND	2644	2688	2732	1698
STATE DEMAND MET	19516	19521	20098	13880
STATE DEMAND	19516	19521	20098	13880
Frequency (Hz)	49.94	49.95	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:01 Hrs	49.73 Hz at 10:19 Hrs	49.94	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 03/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	3.03	3.06	161	40
Unit 8	8.07	23.42	345	326
Total	11.10	26.48		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.76	31.46	510	350
Unit 5	10.72	31.23	505	360
Total	21.48	62.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.65	14.28	208	181
Unit 7	4.99	12.87	234	184
Total	9.63	27.15		
Chandrapur				
Unit 3	4.52	13.39	205	170
Unit 4	4.41	13.22	194	171
Unit 5	9.99	21.15	450	365
Unit 6	10.13	30.24	465	358
Unit 7	9.50	28.14	425	356
Unit 8	10.76	32.80	500	370
Total	49.30	138.93		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.38	16.19	248	190
Total	5.38	16.19		
Khaparkheda				
Unit 1	4.22	12.54	190	155
Unit 2	4.22	12.62	195	155
Unit 3	4.46	13.23	202	160
Unit 4	1.44	9.97	190	0
Unit 5	10.46	32.14	500	370
Total	24.80	80.51		
Nasik				
Unit 3	4.42	12.86	205	165
Unit 4	2.17	10.62	202	0
Unit 5	2.20	2.20	195	0
Total	8.78	25.69		
Uran				
All Units	7.92	29.12	469	282
Total	7.92	29.12		
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)	0.93	2.99	53	22
Total	0.93	2.99		
Koyna				
Stage 1-2	6.31	12.89	520	40
Stage 4	5.21	7.99	796	0
Stage 3	2.56	4.37	240	0
Total	14.08	25.25		
Hydro				
KDPH	0.88	2.23	37	36
VTRNA	0.00	0.00	0	0
TILLARI	0.37	1.12	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	0.32	80	0
RNGR+BHTSA	0.39	1.18	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	0.89	23	10
GHATGHAR	0.75	2.67	240	0
Total	2.95	8.41		
Wind				
Total	6.65	23.56	0	0
Total	6.65	23.56		
CPP				
APML(Mus)	63.39	189.65	0	0
JSWEL(Mus)	22.20	63.29	0	0
VIPL(Mus)	7.56	19.08	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.70	9.42	0	0
Other(Mus)	3.98	11.48	0	0
Total	100.83	292.92		
SOLAR				
Total	1.30	3.79	0	0
Total	1.30	3.79		
Tata				
Trombay 5	10.06	28.60	495	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	8.40	120	114
Trombay 7B	1.61	4.82	69	65
Trombay 8	5.44	15.79	246	200
TATA Hydro	5.55	12.64	459	13
Total	25.49	70.25		
R-INFRA				
1-2	10.90	31.31	514	385
Total	10.90	31.31		

* 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	130.48	382.35	MSPGCL Total	155.42	445.14
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	138.40	411.47	Koyna 1,2 & 4 Total	11.52	20.88
Koradi 10	0.00	0.00	MSPGCL Hydro	17.02	33.66	State Total	300.58	866.96
Parli 8	0.00	4.72						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	4844	103	386	5333	632	3693	0	0	3369	3408	-935	12131	0	12131	2017	14148	49.95
2	4829	323	320	5472	617	3643	0	0	2949	3208	-781	12159	0	12159	1864	14023	49.96
3	4836	258	310	5404	547	3633	0	0	3078	3297	-675	12206	0	12206	1760	13966	49.95
4	4868	118	311	5297	488	3652	0	0	3369	3357	-612	12182	0	12182	1698	13880	49.94
5	4879	113	331	5323	456	3675	0	0	3774	3852	-597	12709	0	12709	1684	14393	49.93
6	4914	109	310	5333	433	3985	0	0	4197	4113	-639	13225	0	13225	1749	14974	49.86
7	5106	154	339	5599	428	4203	0	0	4617	4782	-584	14428	0	14428	1807	16235	49.90
8	5747	389	315	6451	405	4391	0	36	4823	4943	-598	15628	0	15628	1984	17612	49.88
9	5823	1001	304	7128	383	4367	0	85	4982	5130	-687	16406	0	16406	2242	18648	49.97
10	5753	1577	311	7641	423	4368	0	126	5066	5230	-916	16872	0	16872	2644	19516	49.94
11	5804	1122	291	7217	253	4436	0	160	5094	5054	-926	16194	0	16194	2796	18990	49.94
12	5800	1055	306	7161	192	4522	0	198	5157	5214	-955	16332	0	16332	2825	19157	49.99
13	5798	1014	286	7098	85	4565	0	192	5176	4972	-977	15935	0	15935	2816	18751	49.90
14	5756	919	294	6969	39	4526	0	179	5217	5400	-888	16225	0	16225	2697	18922	49.98
15	5732	842	282	6856	51	4426	0	145	5399	5261	-897	15842	0	15842	2729	18571	49.90
16	5788	729	285	6802	69	4537	0	111	5543	5540	-869	16190	0	16190	2737	18927	49.90
17	5807	869	306	6982	44	4458	0	56	5535	5635	-839	16336	0	16336	2732	19068	49.93
18	5818	1439	294	7551	86	4234	0	8	5437	5763	-809	16833	0	16833	2688	19521	49.95
19	5826	1950	296	8072	139	4268	0	0	5392	5735	-848	17366	0	17366	2732	20098	49.94
20	5814	1686	324	7824	158	4282	0	0	5569	5652	-833	17083	0	17083	2677	19760	49.96
21	5795	715	357	6867	170	4282	0	0	5615	5630	-881	16068	0	16068	2658	18726	49.94
22	5510	218	435	6163	148	4288	0	0	5629	5543	-976	15166	0	15166	2381	17547	49.97
23	4848	218	461	5527	189	4263	0	0	5402	5510	-1140	14349	0	14349	2234	16583	49.98
24	4781	104	469	5354	214	4134	0	0	4595	4686	-1081	13307	0	13307	2176	15483	49.93
MUs	130.48	17.02	7.92	155.42	6.65	100.83	0.00	1.30	114.98	116.92	-19.94	361.17	0.00	361.17	56.33	417.50	49.94

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 03/Nov/2016

Position as on 6.30 Hrs of 04/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		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	03/11/2016	09.30	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
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	
MSPGCL	Koradi Unit 9	660	29/10/2016	23.37		Continued.	Generator Seal Oil Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Nov/2016

Position as on 6.30 Hrs of 04/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-2	300	31/10/2016	05:16	03/11/2016	10.06	Water tube leakage	
MSPGCL	Parli Unit 8	250	02/11/2016	22.13		Continued.	Air heater problem	
MSPGCL	Uran Unit 5	108	03/11/2016	00.41	03/11/2016	19.12	Plan Maintenance.	
CPP	WPCL U-3	135	03/11/2016	01.26	03/11/2016	05.00	Turbine Vibration	
MSPGCL	Khaparkheda Unit 4	210	03/11/2016	08.48		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	03/11/2016	13.00		Continued.	Interchange With Unit-5	
IPP	VIPL U-1	300	03/11/2016	16.40	03/11/2016	21.34	Genrator Protection Operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 04/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							
Dabhol Nagothane II	InterState	03/11/2016	15.09	03/11/2016	17.26	T	Distance Protection
Dhule Sar'Sarovar I	InterState	03/11/2016	20.07	03/11/2016	06.41	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	03/11/2016	12.53	HT	Over Voltage
karad - kolhapur-I	IntraState	30/10/2016	02.09		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/11/2016	22.34		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	03/11/2016	21.32	04/11/2016	00.45	PO	Attending Hot Spot
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.
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.
Kharepatan -Pawas Line	IntraState	03/11/2016	10.00	03/11/2016	15.58	PO	Attending Oil Leakage
Phursungi-Parvati	IntraState	03/11/2016	10.05	03/11/2016	17.27	PO	Half Yearly Maintenance Work.
Lonikand - Bhosari	IntraState	03/11/2016	10.22	03/11/2016	16.09	PO	Line Maintenance work
Baramati- Kalyani	IntraState	03/11/2016	10.30	03/11/2016	12.53	PO	Diagnostic Testing Work.
Babhaleswhar - Degaon Rangari	IntraState	03/11/2016	11.25	03/11/2016	13.55	PO	R&M Work.
Bhigwan-Baramat lagro	IntraState	03/11/2016	14.20	03/11/2016	16.28	PO	Daignostic Testing 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 IV @Padghe	IntraState	03/11/2016	10.10	03/11/2016	16.48	PO	Annual Maintenance Work
220/100 Kv 200 MVA ICT I @Apta	IntraState	03/11/2016	11.20		Continued.	PO	R&M Work.

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