

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Dec/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.463	684.469	1) Gujrat	-1.808	-7.816
2) Hydro	31.997	109.835	2) Madhya Pradesh	7.600	35.366
3) Gas	10.631	52.883	3) Chattisgarh	8.020	38.360
Total MSPGCL	176.091	847.187	4) Maharashtra Net	110.453	535.093
B) 1) APML	53.074	258.339	5) Goa (Amona)	-0.708	-3.334
2) JSWEL	11.304	55.780	Total	123.557	597.669
3) VIPL	12.867	60.720	a) Mumbai Schedule	20.416	93.478
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.214	110.054
5) WPCL	4.243	20.324	c) MSEDCL Bilateral *	18.155	91.260
6) PGPL	1.895	1.895	Include PX	-0.245	0.638
7) Other IPP	8.626	42.471	d) Mumbai Bilateral *	20.416	93.478
C) 1) TPCL Thermal	10.338	62.864	Include PX	3.731	10.802
2) TPCL Hydro	5.463	20.776	Include Standby	0.000	0.000
3) TPCL Gas	4.325	20.182	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.891	51.616	1) MSEDCL	371.594	1827.945
D) STATE			2) Mumbai Discoms	57.231	265.492
1) Thermal	244.806	1236.583	TOTAL STATE	428.825	2093.437
(A1+C1+C4+(B1-B6))					
2) Hydro	37.460	130.611			
(A2+C2)					
3) Gas	16.851	74.960			
(A3+B6+C3)					
4) Wind	5.026	48.067			
6) SOLAR	1.125	5.547			
TOTAL STATE	305.268	1495.768			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5910	5902	5706	4983
MSPGCL Hydro	2311	2009	1881	117
MSPGCL Gas	442	416	441	452
MSPGCL Total Generation	8663	8327	8028	5552
Central Sector Receipt	5993	5893	5851	4109
WIND	93	32	150	434
CPP / IPP Thermal	3918	3906	3882	3302
CPP / IPP Gas	0	230	84	0
SOLAR	117	137	0	0
Exchange with Mumbai	-1020	-1235	-1202	-738
MSEDCL DEMAND MET	17764	17290	16793	12659
Load Shedding	0	0	0	0
MSEDCL DEMAND	17764	17290	16793	12659
TPCL GENERATION	1079	1106	1118	496
R-INFRA GENERATION	503	508	508	386
MUMBAI DEMAND	2602	2849	2828	1620
STATE DEMAND MET	20366	20139	19621	14279
STATE DEMAND	20366	20139	19621	14279
Frequency (Hz)	49.91	49.96	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.01 Hrs	49.72 Hz at 12.14 Hrs	49.96	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 05/Dec/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	0.00	0.00	0	0
Unit 8	13.34	63.95	604	490
Unit 9	8.72	48.92	406	346
Total	22.07	112.87		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.69	49.60	500	320
Unit 5	9.27	50.64	460	310
Total	18.96	100.23		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.45	25.93	250	193
Unit 7	5.20	25.39	241	184
Unit 8	0.00	0.00	0	0
Total	10.65	51.32		
Chandrapur				
Unit 3	4.49	20.06	201	163
Unit 4	4.38	21.87	191	165
Unit 5	10.13	44.21	450	360
Unit 6	10.26	22.66	465	360
Unit 7	9.60	46.94	429	355
Unit 8	0.00	39.41	0	0
Unit 9	0.00	26.34	0	0
Total	38.87	221.50		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	26.60	250	191
Total	5.48	26.60		
Khaparkheda				
Unit 1	4.31	11.82	195	160
Unit 2	4.35	21.22	200	160
Unit 3	4.52	21.78	202	160
Unit 4	4.30	21.09	191	161
Unit 5	11.13	54.36	500	380
Total	28.61	130.26		
Nasik				
Unit 3	4.42	20.90	200	160
Unit 4	0.00	14.13	0	0
Unit 5	4.41	6.66	200	165
Total	8.82	41.69		
Uran				
All Units	10.63	52.88	465	416
Total	10.63	52.88		
PGPL				
Unit 1	1.25	1.25	148	0
Unit 2	0.65	0.65	84	0
Total	1.90	1.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.25	0.76	48	0
Total	0.25	0.76		
Koyna				
Stage 1-2	8.81	29.96	575	40
Stage 4	14.58	44.54	1026	0
Stage 3	4.12	15.17	240	0
Total	27.50	89.68		
Hydro				
KDPH	0.88	2.90	37	36
VTRNA	0.40	2.04	58	0
TILLARI	0.37	1.88	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.98	80	0
RNGR+BHTSA	0.37	1.87	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	2.85	31	21
GHATGHAR	1.64	7.64	240	0
Total	4.49	20.16		
Wind				
Total	5.03	48.07	0	0
Total	5.03	48.07		
CPP				
APML(Mus)	53.07	258.34	0	0
JSWEL(Mus)	11.30	55.78	0	0
VIPL(Mus)	12.87	60.72	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.24	20.32	0	0
Other(Mus)	8.63	42.47	0	0
Total	90.11	437.63		
SOLAR				
Total	1.12	5.55	0	0
Total	1.12	5.55		
Tata				
Trombay 5	10.34	47.46	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	12.65	115	101
Trombay 7B	1.59	7.53	68	62
Trombay 8	0.00	15.40	0	0
TATA Hydro	5.46	20.78	459	11
Total	20.13	103.82		
R-INFRA				
1-2	10.89	51.62	508	385
Total	10.89	51.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	0.00	0.00	MSPGCL Thermal	133.46	684.47	MSPGCL Total	176.09	847.19
			MSPGCL Thml+Gas	144.09	737.35	Koyna 1,2 & 4 Total	23.39	74.50
			MSPGCL Hydro	32.00	109.84	State Total	305.27	1495.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Dec/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	5002	495	463	5960	436	3609	0	0	3930	3965	-1044	12926	0	12926	1926	14852	49.97
2	4970	206	454	5630	439	3612	0	0	4121	3754	-870	12565	0	12565	1752	14317	49.99
3	4971	117	465	5553	428	3472	0	0	4173	3969	-782	12640	0	12640	1666	14306	49.98
4	4983	117	452	5552	434	3302	0	0	4176	4109	-738	12659	0	12659	1620	14279	49.98
5	4983	197	462	5642	420	3251	17	0	4155	4238	-728	12840	0	12840	1611	14451	50.00
6	5114	863	452	6429	423	3381	25	0	4438	4668	-837	14089	0	14089	1719	15808	49.97
7	5604	1225	465	7294	399	3733	56	1	4826	4715	-985	15213	0	15213	1923	17136	49.93
8	5912	1671	452	8035	320	3894	100	16	5206	5150	-796	16719	0	16719	2067	18786	49.93
9	5944	2043	434	8421	162	3896	118	62	5353	5515	-1006	17168	0	17168	2437	19605	49.97
10	5910	2311	442	8663	93	3918	0	117	5423	5993	-1020	17764	0	17764	2602	20366	49.91
11	5920	2287	430	8637	76	3911	31	149	5476	5760	-1279	17285	0	17285	2907	20192	49.94
12	5953	2128	425	8506	53	3905	106	165	5551	5608	-1324	17019	0	17019	2955	19974	49.97
13	5946	1974	422	8342	38	3903	206	168	5514	5615	-1297	16975	0	16975	2930	19905	49.96
14	5884	2024	432	8340	31	3914	230	160	5417	5488	-1215	16948	0	16948	2828	19776	49.97
15	5902	2009	416	8327	32	3906	230	137	5449	5893	-1235	17290	0	17290	2849	20139	49.96
16	5869	1994	432	8295	36	3895	231	99	5464	5457	-1224	16789	0	16789	2860	19649	49.95
17	5765	1935	428	8128	65	3858	231	45	5414	5696	-1192	16831	0	16831	2830	19661	49.94
18	5707	1943	438	8088	102	3876	230	6	5313	5429	-1154	16577	0	16577	2788	19365	49.94
19	5706	1881	441	8028	150	3882	84	0	5515	5851	-1202	16793	0	16793	2828	19621	49.93
20	5690	1104	439	7233	138	3853	0	0	5647	5746	-1208	15762	0	15762	2747	18509	50.00
21	5566	994	436	6996	124	3849	0	0	5626	5810	-1284	15495	0	15495	2519	18014	49.98
22	5577	1136	454	7167	132	3857	0	0	5436	5459	-1345	15270	0	15270	2408	17678	49.98
23	5562	634	443	6639	147	3859	0	0	5066	4938	-1199	14384	0	14384	2269	16653	49.95
24	5023	709	454	6186	348	3578	0	0	4255	4725	-1250	13587	0	13587	2190	15777	50.01
MUs	133.46	32.00	10.63	176.09	5.03	90.11	1.89	1.13	120.94	123.55	-26.21	371.59	0.00	371.59	57.23	428.82	49.96

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 05/Dec/2016

Position as on 6.30 Hrs of 06/Dec/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	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	18/11/2016	01.17		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
PGPL	PGPL U1	262	23/11/2016	19.30	05/12/2016	04.24	No schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Dec/2016

Position as on 6.30 Hrs of 06/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U2	126	23/11/2016	19.33	05/12/2016	06.45	No schedule.	
MSPGCL	Koradi Unit 10	660	30/11/2016	05.05		Continued.	Loss of fuel	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 9	500	03/12/2016	16.55		Continued.	Boiler Tube Leakage	
TPC_G	Trombay 8	250	03/12/2016	23.43		Continued.	Boiler Recertification & LP Turbine Inspection.	
MSPGCL	Nasik Unit 4	210	04/12/2016	11.35		Continued.	to attend the stuck problem of HPCV -2.	
MSPGCL	Chandrapur Unit-8	500	04/12/2016	20.11		Continued.	Boiler Tube Leakage	
PGPL	PGPL U2	126	05/12/2016	09.43	05/12/2016	11.34	Tripped	
PGPL	PGPL U1	262	05/12/2016	09.45	05/12/2016	10.49	Tripped	
PGPL	PGPL U2	126	05/12/2016	19.29		Continued.	No Schedule	
PGPL	PGPL U1	262	05/12/2016	19.29		Continued.	No Schedule	
IPP	VIPL U-2	300	05/12/2016	23.51	06/12/2016	02.49	Mal Function operation	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 06/Dec/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 II	InterState	04/12/2016	18.46	05/12/2016	08.26	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/12/2016	01.12	05/12/2016	07.00	HT	Over Voltage
Dabhol Nagothane II	InterState	05/12/2016	14.23	05/12/2016	18.18	T	Distance Protection
Dhule Sar'Sarovar I	InterState	05/12/2016	20.33		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Karad - Jaigad - II	IntraState	01/12/2016	19.09	05/12/2016	09.22	HT	Over Voltage
karad -kolhapur-I	IntraState	03/12/2016	19.16	05/12/2016	09.27	HT	Over Voltage
Main Bus-I @ Koradi-II	IntraState	04/12/2016	08.47	05/12/2016	20.18	PO	Construction work.
Main Bus-II @ Koradi III	IntraState	05/12/2016	09.21	05/12/2016	20.18	PO	Annual Maintenance Work
Akola - Bhusawal	IntraState	05/12/2016	12.24	05/12/2016	12.35	HT	H/T for Reactor out for maintenance
karad -kolhapur-II	IntraState	05/12/2016	20.21		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
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.
Bableshtar - Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshtar -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.
Kalwa - Mulund 1	IntraState	05/12/2016	16.45	05/12/2016	17.58	PO	Removing Jumper of new coming Kharghar-Borivali line
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)

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