

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Oct/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.246	2113.268	1) Gujrat	7.311	103.605
2) Hydro	9.120	203.197	2) Madhya Pradesh	12.340	212.243
3) Gas	10.389	157.573	3) Chattisgarh	4.730	79.520
Total MSPGCL	140.755	2474.038	4) Maharashtra Net	111.155	1836.894
B) 1) APML	57.520	998.750	5) Goa	-7.691	-138.944
2) JSWEL	27.924	501.179	6) TAPS 1&2 Injection	3.574	64.016
3) VIPL	13.105	217.969	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	24.000	381.940	8) Pench (MS)	0.936	12.175
5) WPCL	4.706	82.272	9) Pench (Excess)	-0.936	-12.175
6) Other IPP	3.851	56.983	Total	130.483	2145.159
C) 1) TPCL Thermal	17.566	306.529	a) Mumbai Schedule	22.176	469.580
2) TPCL Hydro	0.143	44.405	b) Mumbai Drawl	25.954	532.912
3) TPCL Gas	4.031	72.372	c) MSEDCL Bilateral *	52.374	581.330
4) R-INFRA Thermal	12.379	204.576	Include PX	15.884	35.721
D) STATE			d) Mumbai Bilateral *	22.176	466.218
1) Thermal	282.297	4863.466	Include PX	2.732	104.483
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro (A2+C2)	9.263	247.602	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.420	229.945	1) MSEDCL	380.980	6431.182
4) Wind	3.374	85.488	2) Mumbai Discoms	60.071	1160.777
6) SOLAR	1.216	20.316	TOTAL STATE	441.051	7591.959
TOTAL STATE	310.570	5446.817			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5087	5234	5158	4912
MSPGCL Hydro	910	532	241	56
MSPGCL Gas	421	430	430	451
MSPGCL Total Generation	6418	6196	5829	5419
Central Sector Receipt	6111	6405	5544	4781
WIND	129	133	100	205
CPP / IPP	5495	5536	5573	5364
SOLAR	165	93	0	0
Exchange with Mumbai	-1007	-1212	-1345	-883
MSEDCL DEMAND MET	17311	17151	15701	14886
Load Shedding	308	143	140	32
MSEDCL DEMAND	17619	17294	15841	14918
TPCL GENERATION	974	908	909	875
R-INFRA GENERATION	515	512	516	518
MUMBAI DEMAND	2496	2632	2770	2276
STATE DEMAND MET	19807	19783	18471	17162
STATE DEMAND	20115	19926	18611	17194
Frequency (Hz)	49.97	49.95	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 16:02 Hrs	49.74 Hz at 18:11 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 18/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	53.78	120	110
Unit 6	0.00	0.00	0	0
Unit 7	3.75	62.33	165	140
Total	6.52	116.10		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.87	69.87	165	160
Unit 4	11.41	192.86	505	415
Unit 5	11.00	199.12	510	330
Total	26.28	461.84		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.21	58.52	142	128
Unit 3	4.76	83.16	203	184
Unit 4	4.62	82.12	199	174
Unit 5	0.00	100.33	0	0
Unit 6	10.65	149.79	450	430
Unit 7	4.40	135.13	402	0
Total	27.64	609.06		
Paras				
Unit 3	5.27	85.13	230	174
Unit 4	5.96	86.73	262	225
Total	11.24	171.86		
Khaparkheda				
Unit 1	4.04	57.38	175	165
Unit 2	4.24	65.37	190	165
Unit 3	2.18	64.40	179	0
Unit 4	1.81	40.42	151	0
Unit 5	10.76	168.11	500	407
Total	23.02	395.69		
Nasik				
Unit 3	4.67	80.94	200	190
Unit 4	4.55	52.90	206	180
Unit 5	4.67	82.28	200	192
Total	13.89	216.12		
Uran				
All Units	10.39	157.57	453	417
Total	10.39	157.57		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.94	12.18	50	27
Total	0.94	12.18		
Koyna				
Stage 1-2	4.32	70.29	495	40
Stage 4	2.34	70.42	250	0
Stage 3	1.54	28.80	240	0
Total	8.20	169.51		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.57	80	0
RNGR+BHTSA	0.16	1.77	15	0
BHANDARDRA	0.45	8.16	32	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	3.38	12	2
GHATGHAR	0.00	14.22	0	0
Total	0.92	33.69		
Wind				
Total	3.37	85.49	0	0
Total	3.37	85.49		
CPP				
APML(Mus)	57.52	998.75	0	0
JSWEL(Mus)	27.92	501.18	0	0
VIPL(Mus)	13.10	217.97	0	0
RPLAMT(Mus)	24.00	381.94	0	0
WPCL(Mus)	4.71	82.27	0	0
Other(Mus)	3.85	56.98	0	0
Total	131.11	2239.09		
SOLAR				
Total	1.22	20.32	0	0
Total	1.22	20.32		
Tata				
Trombay 5	11.63	200.85	492	454
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	45.35	115	100
Trombay 7B	1.51	27.02	66	61
Trombay 8	5.94	105.68	252	243
TATA Hydro	0.14	44.40	63	0
Total	21.74	423.31		
R-INFRA				
1-2	12.38	204.58	518	512
Total	12.38	204.58		

Infirm Power	Chandrapur 8	5.96
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.25	2113.27
MSPGCL Thml+Gas	131.64	2270.84

Koradi 8	6.68	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.12	203.20
MSPGCL Total	140.76	2474.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.66	140.71
State Total	310.57	5446.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Oct/2015

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													
1	4794	698	444	5936	218	5522	0	5331	5135	-1309	15502	38	15540	2737	18277	49.92
2	4803	651	445	5899	213	5470	0	5349	4810	-1154	15238	26	15264	2584	17848	49.94
3	4861	202	448	5511	168	5387	0	5264	4924	-1005	14985	32	15017	2414	17431	49.95
4	4912	56	451	5419	205	5364	0	5020	4781	-883	14886	32	14918	2276	17194	49.94
5	4996	62	453	5511	158	5310	0	4981	4806	-815	14970	128	15098	2196	17294	49.90
6	4942	57	440	5439	150	5352	0	5396	5406	-794	15553	218	15771	2198	17969	49.92
7	5009	222	441	5672	165	5408	0	5598	5397	-747	15895	361	16256	2158	18414	49.96
8	5110	354	441	5905	122	5396	28	5601	5742	-715	16478	343	16821	2131	18952	49.98
9	4880	553	430	5863	87	5411	73	5634	5795	-765	16464	304	16768	2185	18953	49.95
10	4880	463	425	5768	99	5488	121	5974	5832	-868	16440	293	16733	2283	19016	49.97
11	4971	657	419	6047	71	5434	162	5996	6117	-1035	16796	290	17086	2460	19546	49.92
12	5087	910	421	6418	129	5495	165	5980	6111	-1007	17311	308	17619	2496	20115	49.97
13	5227	820	417	6464	157	5353	180	5905	5787	-1052	16889	327	17216	2504	19720	49.96
14	5353	752	418	6523	163	5366	164	5615	5869	-1106	16979	256	17235	2515	19750	49.97
15	5266	577	419	6262	177	5529	150	5989	5994	-1167	16945	184	17129	2585	19714	49.98
16	5234	532	430	6196	133	5536	93	6136	6405	-1212	17151	143	17294	2632	19926	49.95
17	5183	366	429	5978	122	5491	66	5727	5699	-1145	16211	154	16365	2562	18927	49.96
18	5217	131	430	5778	107	5462	11	4979	4781	-1079	15060	149	15209	2501	17710	49.97
19	5146	302	431	5879	109	5606	3	5138	5091	-1213	15475	88	15563	2663	18226	49.94
20	5158	241	430	5829	100	5573	0	5527	5544	-1345	15701	140	15841	2770	18611	49.98
21	5166	124	430	5720	85	5496	0	5704	5442	-1355	15388	149	15537	2777	18314	49.97
22	5186	101	430	5717	109	5607	0	5285	4706	-1363	14776	123	14899	2785	17684	50.01
23	5148	72	433	5653	176	5592	0	5292	4836	-1392	14865	104	14969	2810	17779	49.95
24	4717	217	434	5368	151	5458	0	5290	5473	-1428	15022	101	15123	2851	17974	50.00
MUs	121.25	9.12	10.39	140.75	3.37	131.11	1.22	132.71	130.48	-25.95	380.98	4.29	385.27	60.07	445.34	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 18/Oct/2015

Position as on 6.30 Hrs of 19/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
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.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 7	500	14/10/2015	22.13	18/10/2015	07.05	Boiler Tube Leakage	
MSPGCL	Khaparkhedha Unit 4	210	15/10/2015	17.27	18/10/2015	00.28	Turbine Problem Bearing Vibration High.	
MSPGCL	Chandrapur Unit 5	500	15/10/2015	18.05		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkhedha Unit 3	210	16/10/2015	20.36	18/10/2015	09.46	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	18/10/2015	08.08	18/10/2015	11.29	Generator protection	
MSPGCL	Khaparkhedha Unit 4	210	18/10/2015	14.31		Continued.	Low furnace pressure	
MSPGCL	Chandrapur Unit 7	500	18/10/2015	23.00	19/10/2015	05.20	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 19/Oct/2015

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							
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa II	InterState	17/10/2015	17.12	18/10/2015	06.12	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/10/2015	22.32	18/10/2015	06.00	HT	Over Voltage
Kolhapur Mapusa I	InterState	18/10/2015	21.38	19/10/2015	06.52	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	16/10/2015	08.09		Continued.	HT	Controlling BBLR ICT Loading
karad -kolhapur-I	IntraState	17/10/2015	16.49	18/10/2015	06.48	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/10/2015	17.12	18/10/2015	06.43	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	17/10/2015	22.38	18/10/2015	14.56	PO	B ph LA burst
Nagothane - Dabhol I	IntraState	18/10/2015	13.58	18/10/2015	18.54	T	Distance Protection
Nagothane - Dabhol-II	IntraState	18/10/2015	14.43	18/10/2015	16.51	T	Distance Protection
karad -kolhapur-II	IntraState	18/10/2015	16.42		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/10/2015	17.00		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/10/2015	17.40		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	18/10/2015	12.00	18/10/2015	14.03	PO	Attending Hot Spot
Talandage - Chikodi	InterState	18/10/2015	12.00	18/10/2015	14.07	PO	Attending Hot Spot
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Kalwa-Salsette-IV	IntraState	17/10/2015	02.18	18/10/2015	00.28	T	Testing Work
Pophali - Kdph	IntraState	17/10/2015	05.45	18/10/2015	15.25	T	Distance Protection
Bableshevar -Ahamadnagar-I	IntraState	17/10/2015	13.05	18/10/2015	01.45	PO	jumper replacement work
Trombay MSETCL Tie 2	IntraState	18/10/2015	04.26	18/10/2015	05.21	T	Distance Protection
Kalwa - Colourchem	IntraState	18/10/2015	05.50	18/10/2015	10.35	PO	CT Replacement work
Kharghar - Nerul	IntraState	18/10/2015	07.03	18/10/2015	09.54	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal

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