

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Nov/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.011	612.395	1) Gujrat	4.781	24.221
2) Hydro	10.591	78.108	2) Madhya Pradesh	12.690	50.052
3) Gas	10.014	34.755	3) Chattisgarh	5.860	24.330
Total MSPGCL	138.616	725.258	4) Maharashtra Net	116.870	533.008
B) 1) APLM	58.865	289.118	5) Goa	-7.738	-37.338
2) JSWEL	21.599	115.128	6) TAPS 1&2 Injection	3.587	17.852
3) VIPL	6.405	41.416	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	26.374	119.521	8) Pench (MS)	0.633	4.081
5) WPCL	4.280	25.629	9) Pench (Excess)	-0.633	-4.081
6) Other IPP	4.115	21.605	Total	135.417	608.044
C) 1) TPCL Thermal	17.741	85.700	a) Mumbai Schedule	24.160	116.694
2) TPCL Hydro	2.936	11.716	b) Mumbai Drawl	29.491	140.245
3) TPCL Gas	3.206	13.415	c) MSEDCL Bilateral *	29.944	147.526
4) R-INFRA Thermal	11.759	58.241	Include PX	3.713	11.249
D) STATE			d) Mumbai Bilateral *	24.160	116.694
1) Thermal	269.149	1368.753	Include PX	6.254	27.488
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.527	89.824	H) ENERGY CATERED (MUs)		
3) Gas	13.220	48.170	1) MSEDCL	371.182	1835.841
4) Wind	3.936	24.755	2) Mumbai Discoms	65.134	309.321
6) SOLAR	1.066	5.612	TOTAL STATE	436.316	2145.162
TOTAL STATE	300.898	1537.114			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4891	4874	4838	4953
MSPGCL Hydro	1299	955	436	114
MSPGCL Gas	435	420	429	400
MSPGCL Total Generation	6625	6249	5703	5467
Central Sector Receipt	6141	6127	5842	4669
WIND	121	32	218	302
CPP / IPP	5096	5109	5133	4956
SOLAR	142	177	1	0
Exchange with Mumbai	-1457	-1462	-1456	-766
MSEDCL DEMAND MET	16668	16232	15441	14628
Load Shedding	395	406	327	104
MSEDCL DEMAND	17063	16638	15768	14732
TPCL GENERATION	1212	1231	1157	857
R-INFRA GENERATION	511	515	513	393
MUMBAI DEMAND	3180	3208	3126	2016
STATE DEMAND MET	19848	19440	18567	16644
STATE DEMAND	20243	19846	18894	16748
Frequency (Hz)	49.99	50.01	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 21.59 Hrs	49.71 Hz at 16.13 Hrs	49.98	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/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	9.16	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	6.34	0	0
Total	0.00	15.50		
Bhusawal				
Unit 2	3.66	5.67	175	120
Unit 3	0.00	7.15	0	0
Unit 4	10.82	52.96	500	400
Unit 5	10.40	54.62	490	400
Total	24.88	120.40		
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	3.25	15.91	147	127
Unit 3	0.00	12.76	0	0
Unit 4	4.50	22.49	204	168
Unit 5	9.10	44.49	426	270
Unit 6	10.04	50.44	450	380
Unit 7	9.85	46.98	423	390
Total	36.72	193.08		
Paras				
Unit 3	5.06	25.86	229	167
Unit 4	5.65	27.79	252	199
Total	10.70	53.65		
Khaparkheda				
Unit 1	3.70	19.70	165	140
Unit 2	2.94	17.84	155	0
Unit 3	3.74	7.89	170	133
Unit 4	3.04	17.14	170	0
Unit 5	9.50	52.20	449	350
Total	22.91	114.77		
Nasik				
Unit 3	0.00	4.89	0	0
Unit 4	4.54	22.52	198	180
Unit 5	4.59	23.04	201	183
Total	9.13	50.45		
Uran				
All Units	10.01	34.76	438	398
Total	10.01	34.76		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.63	4.08	50	11
Total	0.63	4.08		
Koyna				
Stage 1-2	2.90	21.14	410	40
Stage 4	2.40	25.77	422	0
Stage 3	1.19	10.38	160	0
Total	6.50	57.28		
Hydro				
KDPH	0.59	3.41	37	18
VTRNA	0.47	2.48	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.56	80	0
RNGR+BHTSA	0.26	1.30	14	0
BHANDARDRA	0.45	2.18	28	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.66	2.51	35	25
GHATGHAR	1.55	8.39	250	0
Total	4.09	20.82		
Wind				
Total	3.94	24.76	0	0
Total	3.94	24.76		
CPP				
APML(Mus)	58.86	289.12	0	0
JSWEL(Mus)	21.60	115.13	0	0
VIPL(Mus)	6.40	41.42	0	0
RPLAMT(Mus)	26.37	119.52	0	0
WPCL(Mus)	4.28	25.63	0	0
Other(Mus)	4.12	21.60	0	0
Total	121.64	612.42		
SOLAR				
Total	1.07	5.61	0	0
Total	1.07	5.61		
Tata				
Trombay 5	11.77	56.38	493	487
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.87	7.59	115	64
Trombay 7B	1.34	5.83	67	51
Trombay 8	5.97	29.32	251	247
TATA Hydro	2.94	11.72	359	0
Total	23.88	110.83		
R-INFRA				
1-2	11.76	58.24	518	393
Total	11.76	58.24		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.01	612.40
MSPGCL Thml+Gas	128.02	647.15

Koradi 8	13.66	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.59	78.11
MSPGCL Total	138.62	725.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.30	46.91
State Total	300.90	1537.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Nov/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	5129	114	398	5641	187	4929	0	5352	5117	-1064	14810	38	14848	2440	17288	49.97
2	5086	114	398	5598	267	5012	0	5327	4855	-855	14877	42	14919	2232	17151	49.99
3	4972	114	399	5485	281	4991	0	5204	4848	-780	14825	85	14910	2101	17011	50.01
4	4953	114	400	5467	302	4956	0	4999	4669	-766	14628	104	14732	2016	16748	50.02
5	4952	119	400	5471	310	4949	0	5130	4840	-725	14845	168	15013	1977	16990	50.01
6	4942	128	401	5471	244	4964	0	5407	5430	-779	15330	316	15646	2032	17678	49.97
7	4953	145	436	5534	246	4988	0	5556	5579	-764	15583	452	16035	2113	18148	49.96
8	4947	347	438	5732	220	5045	17	5633	5882	-851	16045	468	16513	2226	18739	49.99
9	4847	538	435	5820	227	5072	54	5946	6026	-1110	16089	470	16559	2480	19039	49.99
10	4819	919	430	6168	212	5095	121	6157	6227	-1472	16351	430	16781	2910	19691	50.01
11	4891	1299	435	6625	121	5096	142	6073	6141	-1457	16668	395	17063	3180	20243	49.99
12	4889	1108	427	6424	55	5083	184	5974	6131	-1454	16423	360	16783	3220	20003	49.99
13	4874	955	420	6249	32	5109	177	6038	6127	-1462	16232	406	16638	3208	19846	50.01
14	5000	804	419	6223	25	5165	133	6096	6089	-1507	16128	397	16525	3152	19677	50.02
15	4903	854	420	6177	24	5166	95	6139	6320	-1587	16195	371	16566	3208	19774	49.93
16	5000	833	423	6256	45	5166	84	6184	6054	-1551	16054	356	16410	3217	19627	49.92
17	5097	429	423	5949	71	5174	47	6022	6011	-1543	15709	389	16098	3206	19304	49.97
18	5062	154	424	5640	141	5148	11	5568	5133	-1485	14588	383	14971	3132	18103	49.99
19	4838	436	429	5703	218	5133	1	5697	5842	-1456	15441	327	15768	3126	18894	49.98
20	4757	336	400	5493	195	5089	0	5868	5995	-1419	15353	305	15658	3040	18698	49.98
21	4717	271	412	5400	173	5078	0	5703	5577	-1457	14771	198	14969	2888	17857	49.95
22	4780	201	415	5396	130	5078	0	5611	5518	-1415	14707	147	14854	2779	17633	50.02
23	4779	148	416	5343	87	5087	0	5536	5512	-1311	14718	117	14835	2656	17491	49.94
24	4824	111	416	5351	123	5067	0	5520	5491	-1221	14811	112	14923	2594	17517	49.99
MUs	118.01	10.59	10.01	138.62	3.94	121.64	1.07	136.74	135.41	-29.49	371.18	6.84	378.01	65.13	443.15	49.98

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/Nov/2015

Position as on 6.30 Hrs of 06/Nov/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	
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	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	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
IPP	Adani U-3	660	27/10/2015	09.48		Continued.	Excitation Tranf. Abnormal Sound.	
MSPGCL	Chandrapur Unit-8	500	31/10/2015	16.20		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	02/11/2015	01.45		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	02/11/2015	10.36	05/11/2015	16.00	condenser tube clen	
MSPGCL	Koradi Unit 7	210	02/11/2015	16.53		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/11/2015	02.30		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	03/11/2015	21.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	03/11/2015	21.32		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 5	200	04/11/2015	07.39		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 4	210	04/11/2015	21.06	05/11/2015	01.39	Flame Failure	
IPP	WPCL U-3	135	04/11/2015	22.58	05/11/2015	12.05	Turbine Tripped	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Nov/2015

Position as on 6.30 Hrs of 06/Nov/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 2	210	05/11/2015	07.18	05/11/2015	10.03	Flame Failure	
IPP	JSW (J) U4	300	05/11/2015	21.58		Continued.	Turbine Bearing Inspection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 06/Nov/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							
Kolhapur Mapusa I	InterState	04/11/2015	16.53	05/11/2015	07.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/11/2015	00.27	05/11/2015	06.35	HT	Over Voltage
Kolhapur Mapusa I	InterState	05/11/2015	18.16	06/11/2015	06.49	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/11/2015	19.05	06/11/2015	06.36	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26		Continued.	HT	Controlling BBLR ICT Loading.
Karad - Lonikand 1	IntraState	27/10/2015	10.13	05/11/2015	12.41	PO	Tower repalcement work.
karad -kolhapur-I	IntraState	04/11/2015	16.39	05/11/2015	08.28	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/11/2015	16.54	05/11/2015	09.05	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/11/2015	18.08	05/11/2015	06.29	HT	Over Voltage
Padghe - Kharghar	IntraState	05/11/2015	09.12	05/11/2015	15.47	PO	Ckt on TBC,Hot Line Work.
Chandrapur-Parali III	IntraState	05/11/2015	09.37	05/11/2015	19.23	PO	Line Maintenance work
Babhaleshwar - Padghe-II	IntraState	05/11/2015	10.26	05/11/2015	14.46	T	Dist.Prot.,Y Ph,B Ph to Earth.
Koradi-Bhusawal	IntraState	05/11/2015	11.10	05/11/2015	13.30	PO	Hot Line Work.
Karad - Lonikand 1	IntraState	05/11/2015	12.41	05/11/2015	13.26	T	Distance Protection
karad -kolhapur-II	IntraState	05/11/2015	16.37	06/11/2015	06.58	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/11/2015	17.02		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/11/2015	20.44	06/11/2015	06.21	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	05/11/2015	11.30	05/11/2015	17.49	EO	To Attend Hot Spot LV R Ph CT.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	05/11/2015	17.54	05/11/2015	20.51	EO	Attending Hot Spot
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	04/11/2015	14.50	05/11/2015	00.45	T	Unbalance Current
Kharepatan -Pawas Line	IntraState	04/11/2015	19.46	05/11/2015	05.03	T	Distance Protection
Oni Kharepatan Line	IntraState	04/11/2015	19.46	05/11/2015	17.25	T	Distance Protection
Kalwa Salsette III	IntraState	05/11/2015	06.26	05/11/2015	08.57	PO	Testing Work
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	05/11/2015	11.13	05/11/2015	15.26	EO	Attending Hotspot on 220KV Bus Section Isolator Jaw of R Ph.
Lonikand - Bhosari	IntraState	05/11/2015	13.12	05/11/2015	18.00	PO	Attending Hot Spot,Testing Work.
Ambazari-Kalmeshwar	IntraState	05/11/2015	13.18	05/11/2015	18.37	PO	Repair of Damage Conductor.
Tilari - Amona2	IntraState	05/11/2015	14.30	05/11/2015	15.30	T	Distance Protection
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	05/11/2015	15.36	05/11/2015	17.42	EO	Attending Hot Spot
Halkarni - Tillari II	IntraState	06/11/2015	05.27		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	05/11/2015	09.16	05/11/2015	15.50	PO	Half yearly maintenance work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	05/11/2015	16.48	05/11/2015	21.45	PO	Testing Work

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