

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/May/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.118	4020.402	1) Gujrat	-5.932	-90.965
2) Hydro	20.213	313.316	2) Madhya Pradesh	13.303	403.977
3) Gas	6.462	294.795	3) Chattisgarh	7.600	213.100
Total MSPGCL	169.793	4628.513	4) Maharashtra Net	107.452	3129.033
B) 1) APML	14.702	827.556	5) Goa (Amona)	-0.968	-24.066
2) JSWEL	27.529	839.831	6) TAPS 1&2 Injection	3.577	76.554
3) VIPL	14.252	386.810	7) RGPPL Injection	11.663	359.585
4) RPL(AMT)	6.591	424.887	8) Pench (MS)	0.040	1.378
5) WPCL	2.760	87.559	9) Pench (Excess)	-0.040	-1.378
6) Other IPP	4.810	160.797	Total	136.655	4065.840
C) 1) TPCL Thermal	17.327	492.906	a) Mumbai Schedule	31.348	788.881
2) TPCL Hydro	4.472	88.170	b) Mumbai Drawl	35.075	980.285
3) TPCL Gas	2.269	117.787	c) MSEDCL Bilateral *	42.766	1086.817
4) R-INFRA Thermal	12.184	348.701	Include PX	4.382	1.192
D) STATE			d) Mumbai Bilateral *	31.348	788.881
1) Thermal	243.273	7589.449	Include PX	5.558	94.761
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	24.685	401.486	H) ENERGY CATERED (MUs)		
3) Gas	8.731	412.582	1) MSEDCL	368.939	11195.267
4) Wind	25.581	712.241	2) Mumbai Discoms	71.324	2027.816
6) SOLAR	1.341	41.518	TOTAL STATE	440.263	13223.083
TOTAL STATE	303.611	9157.276			

* 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 3 Hrs
MSPGCL Thermal	6049	6008	5980	5735
MSPGCL Hydro	1819	1604	1071	82
MSPGCL Gas	278	273	275	282
MSPGCL Total Generation	8146	7885	7326	6099
Central Sector Receipt	6293	6241	5203	5271
WIND	585	580	1389	1613
CPP / IPP	2960	2947	2958	2951
SOLAR	175	118	0	0
Exchange with Mumbai	-1687	-1779	-1385	-1195
MSEDCL DEMAND MET	16472	15992	15491	14739
Load Shedding	0	731	0	31
MSEDCL DEMAND	16472	16723	15491	14770
TPCL GENERATION	1265	1281	1174	816
R-INFRA GENERATION	489	492	514	513
MUMBAI DEMAND	3441	3552	3073	2524
STATE DEMAND MET	19913	19544	18564	17263
STATE DEMAND	19913	20275	18564	17294
Frequency (Hz)	49.88	49.89	49.80	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 17:01 Hrs	49.62 Hz at 19:51 Hrs	49.93	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 31/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.94	24.28	145	0
Unit 6	0.00	0.00	0	0
Unit 7	3.55	65.34	175	130
Unit 8	11.66	307.18	630	350
Total	17.15	396.80		
Bhusawal				
Unit 2	3.26	68.78	140	125
Unit 3	3.96	122.12	170	160
Unit 4	12.00	320.11	505	485
Unit 5	11.96	317.65	510	450
Total	31.19	828.66		
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	0.00	0.00	0	0
Unit 3	4.51	134.96	200	175
Unit 4	4.31	133.15	183	170
Unit 5	0.00	240.44	0	0
Unit 6	10.01	279.28	431	390
Unit 7	10.65	253.42	450	430
Total	29.47	1041.25		
Paras				
Unit 3	5.87	141.72	252	233
Unit 4	6.00	174.56	259	241
Total	11.87	316.28		
Khaparkheda				
Unit 1	3.64	109.73	165	145
Unit 2	3.60	116.72	165	140
Unit 3	4.29	127.43	190	168
Unit 4	4.33	115.38	190	170
Unit 5	11.58	309.51	500	460
Total	27.45	778.78		
Nasik				
Unit 3	4.52	130.95	195	175
Unit 4	4.63	123.83	201	188
Unit 5	4.55	124.26	203	179
Total	13.71	379.04		
Uran				
All Units	6.46	294.80	297	197
Total	6.46	294.80		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	1.38	13	0
Total	0.04	1.38		
Koyna				
Stage 1-2	5.89	104.06	480	40
Stage 4	8.77	90.87	759	0
Stage 3	2.74	44.13	240	0
Total	17.40	239.05		
Hydro				
KDPH	0.44	15.28	19	18
VTRNA	0.00	0.29	0	0
TILLARI	0.37	10.41	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	5.08	80	0
RNGR+BHTSA	0.23	5.52	10	9
BHANDARDRA	0.00	3.17	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.62	2	2
GHATGHAR	1.40	29.90	250	0
Total	2.81	74.27		
Wind				
Total	25.58	712.24	0	0
Total	25.58	712.24		
CPP				
APML(Mus)	14.70	827.56	0	0
JSWEL(Mus)	27.53	839.83	0	0
VIPL(Mus)	14.25	386.81	0	0
RPLAMT(Mus)	6.59	424.89	0	0
WPCL(Mus)	2.76	87.56	0	0
Other(Mus)	4.81	160.80	0	0
Total	70.64	2727.44		
SOLAR				
Total	1.34	41.52	0	0
Total	1.34	41.52		
Tata				
Trombay 5	11.50	315.33	489	454
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.26	74.57	57	49
Trombay 7B	1.01	43.22	46	40
Trombay 8	5.83	177.58	248	238
TATA Hydro	4.47	88.17	459	21
Total	24.07	698.86		
R-INFRA				
1-2	12.18	348.70	514	487
Total	12.18	348.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	2.43	9.18	MSPGCL Thermal	143.12	4020.40	MSPGCL Total	169.79	4628.51
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	149.58	4315.20	Koyna 1,2 & 4 Total	14.66	194.92
Koradi 9	9.84	268.50	MSPGCL Hydro	20.21	313.32	State Total	303.61	9157.28
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/May/2016

Annexure-2

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	5723	474	291	6488	1695	2940	0	5673	5567	-1531	15159	10	15169	2912	18081	49.95
2	5699	299	281	6279	1765	2940	0	5449	5153	-1359	14778	27	14805	2690	17495	49.98
3	5735	82	282	6099	1613	2951	0	5667	5271	-1195	14739	31	14770	2524	17294	49.96
4	5749	69	283	6101	1485	2951	0	5654	5442	-1064	14915	41	14956	2393	17349	49.95
5	5803	84	285	6172	1191	2952	0	5604	5666	-1000	14981	48	15029	2324	17353	49.93
6	5816	69	297	6182	974	2939	0	5619	5878	-1012	14961	94	15055	2321	17376	49.94
7	5952	79	286	6317	822	2937	6	5743	5933	-925	15090	53	15143	2251	17394	49.95
8	6125	69	280	6474	855	2960	43	6026	6099	-977	15454	0	15454	2303	17757	49.97
9	6062	212	277	6551	967	2967	82	6034	6192	-1323	15436	0	15436	2668	18104	49.95
10	6090	1166	278	7534	790	2975	137	6191	6388	-1575	16249	0	16249	3026	19275	49.89
11	6038	1717	277	8032	660	2962	167	6436	6400	-1762	16459	0	16459	3390	19849	49.96
12	6049	1819	278	8146	585	2960	175	6533	6293	-1687	16472	0	16472	3441	19913	49.88
13	6029	1697	287	8013	401	2935	179	6355	6543	-1774	16297	98	16395	3482	19877	49.91
14	6070	1401	277	7748	406	2934	173	6198	6113	-1748	15626	536	16162	3404	19566	49.97
15	5990	1504	275	7769	424	2940	144	6261	6430	-1745	15962	481	16443	3507	19950	49.86
16	6008	1604	273	7885	580	2947	118	6358	6241	-1779	15992	731	16723	3552	20275	49.89
17	5900	1260	275	7435	931	2947	77	6099	5759	-1738	15411	816	16227	3488	19715	49.95
18	5864	628	280	6772	1321	2946	34	5580	4950	-1796	14227	864	15091	3371	18462	49.98
19	5918	422	275	6615	1493	2955	6	5364	4996	-1676	14389	0	14389	3172	17561	49.95
20	5980	1071	275	7326	1389	2958	0	5476	5203	-1385	15491	0	15491	3073	18564	49.80
21	6095	1206	225	7526	1411	2948	0	5429	5058	-1405	15538	0	15538	3020	18558	49.86
22	6109	1089	225	7423	1393	2953	0	5383	4855	-1441	15183	0	15183	2969	18152	49.93
23	6123	1015	197	7335	1222	2939	0	5457	5075	-1565	15006	0	15006	2990	17996	49.92
24	6191	1177	203	7571	1208	2807	0	5382	5149	-1613	15122	0	15122	3056	18178	49.92
MUs	143.1 2	20.21	6.46	169.79	25.58	70.64	1.34	139.97	136.65	-35.08	368.94	3.83	372.77	71.33	444.10	49.93

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 31/May/2016

Position as on 6.30 Hrs of 01/Jun/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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Annual Maintenance Work.	
IPP	JSW (J) U2	300	01/06/2016	00.30		Continued.	Annual Maintenance Work.	
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 schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	RPL(AMT) U-4	270	21/05/2016	16.15		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	21/05/2016	18.10	01/06/2016	09.09	Zero Schedule	
IPP	RPL(AMT) U-1	270	24/05/2016	00.00	01/06/2016	05.32	Zero Schedule From MSEDCL	
MSPGCL	Koradi Unit 5	200	24/05/2016	00.05	31/05/2016	07.00	Zero Schedule From MSEDCL	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Uran Unit B0	120	29/05/2016	23.17		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/May/2016

Position as on 6.30 Hrs of 01/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	29/05/2016	23.19		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	30/05/2016	07.05		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	30/05/2016	18.00	31/05/2016	07.18	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit-8	500	01/06/2016	01.26		Continued.	Boiler Parameter Maintaning Problem..	
MSPGCL	Bhusawal Unit 2	210	01/06/2016	11.18		Continued.	B.F.P.Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2016

Statement-VII

Position as on 6.30 Hrs of 01/Jun/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	30/05/2016	09.17	31/05/2016	07.29	PO	work at SSNL end(RFC 17.50Hrs)
Dhule Sar'Sarovar I	InterState	31/05/2016	18.34	01/06/2016	06.22	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/06/2016	17.14	01/06/2016	18.50	PO	Shifted on TBC to Attend Hot Spot.
Dhule Sar'Sarovar I	InterState	01/06/2016	21.26		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
Taptitanda-Ektuni ckt 2	IntraState	28/05/2016	10.30		Continued.	PO	Dismantalling of Tower.
karad -kolhapur-I	IntraState	30/05/2016	16.17	31/05/2016	08.34	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/05/2016	16.20	31/05/2016	09.12	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/05/2016	16.55	31/05/2016	11.04	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/05/2016	06.58	31/05/2016	18.38	PO	Repl.of Disc Insulator String
karad -kolhapur-II	IntraState	31/05/2016	16.13	01/06/2016	09.02	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/05/2016	17.05	01/06/2016	09.21	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/05/2016	19.14	01/06/2016	09.18	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/06/2016	07.16	01/06/2016	17.05	PO	Insulator String Replacement Work.
Chandrapur-Parali III	IntraState	01/06/2016	08.19	01/06/2016	19.20	PO	Replacement of Damaged Earthwire.
karad -kolhapur-I	IntraState	01/06/2016	16.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/06/2016	17.13		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/06/2016	17.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
400/220 KV 500 MVA ICT- II @Warora	IntraState	13/05/2016	14.39		Continued.	PO	For Dismantling Of ICT-I
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	31/05/2016	05.43	31/05/2016	08.05	PO	WTI/OTI Calibration
400/220kV 315MVA ICT-III @ Kharghar	IntraState	31/05/2016	09.23	31/05/2016	10.52	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Kandalgaon - Topworth	IntraState	30/05/2016	09.40		Continued.	PO	Modification of Supply to Pioneer Gas
Badnera-Akola li	IntraState	31/05/2016	07.41	31/05/2016	15.38	PO	String Replacement Work.
Pophali - Pedambe II	IntraState	31/05/2016	08.30	31/05/2016	14.35	PO	Routine Maintenance Work
Kalwa - Taloja	IntraState	31/05/2016	08.53	31/05/2016	16.30	PO	Testing Work
Bhandara-Sunflag 2	IntraState	31/05/2016	17.51		Continued.	PO	Replacement of Metering CT & PT Measurment of CB Timing & CRM Measurment of Tan Delta of CT's & CC's.

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2016

Statement-VII

Position as on 6.30 Hrs of 01/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Hingoli- Girawali	IntraState	31/05/2016	23.49	01/06/2016	06.26	T	Distance Protection
Talandge(400)- Mudshingi 2 Line	IntraState	01/06/2016	08.30	01/06/2016	17.54	PO	Quarterly Maintainance Work
Jejuri-Parvati	IntraState	01/06/2016	11.02	01/06/2016	12.17	T	Bird Fault.
Nagothane - Ipcl	IntraState	01/06/2016	11.52	01/06/2016	18.51	PO	Routine Maintenance Work
Pedambe-Pophali	IntraState	01/06/2016	13.23	01/06/2016	14.05	T	Tripped on R Phase.
Jejuri-Parvati	IntraState	01/06/2016	22.23	01/06/2016	23.07	PO	Outage.
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							
Girwali-Renapur-Ahamadpur	IntraState	01/06/2016	06.10	01/06/2016	06.25	T	Distance Protection

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