

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jun/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.010	1081.714	1) Gujrat	-3.382	-47.545
2) Hydro	4.022	41.355	2) Madhya Pradesh	10.737	72.759
3) Gas	6.083	54.955	3) Chattisgarh	6.960	55.820
Total MSPGCL	144.115	1178.024	4) Maharashtra Net	118.396	916.745
B) 1) APML	14.489	105.217	5) Goa (Amona)	-0.548	-6.788
2) JSWEL	20.343	159.036	6) TAPS 1&2 Injection	3.568	28.496
3) VIPL	12.625	96.233	7) RGPPL Injection	11.583	90.392
4) RPL(AMT)	21.571	150.881	8) Pench (MS)	0.043	0.472
5) WPCL	2.964	29.931	9) Pench (Excess)	-0.043	-0.472
6) Other IPP	4.007	36.595	Total	147.271	1109.407
C) 1) TPCL Thermal	16.489	130.240	a) Mumbai Schedule	29.834	223.690
2) TPCL Hydro	3.623	25.014	b) Mumbai Drawl	37.858	285.565
3) TPCL Gas	2.157	19.955	c) MSEDCL Bilateral *	34.802	303.068
4) R-INFRA Thermal	11.383	90.222	Include PX	0.000	20.500
D) STATE			d) Mumbai Bilateral *	29.834	223.690
1) Thermal	237.881	1880.069	Include PX	6.987	47.366
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.645	66.369	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.240	74.910	1) MSEDCL	353.525	2757.476
4) Wind	22.903	168.821	2) Mumbai Discoms	71.510	550.995
6) SOLAR	1.095	8.896	TOTAL STATE	425.035	3308.471
TOTAL STATE	277.764	2199.065			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5843	5971	5804	5088
MSPGCL Hydro	503	307	70	75
MSPGCL Gas	268	249	249	249
MSPGCL Total Generation	6614	6527	6123	5412
Central Sector Receipt	6671	6800	5984	5465
WIND	447	459	1297	1369
CPP / IPP	3427	3406	3355	2935
SOLAR	139	134	0	0
Exchange with Mumbai	-1721	-1791	-1546	-1256
MSEDCL DEMAND MET	15577	15535	15213	13925
Load Shedding	0	208	0	0
MSEDCL DEMAND	15577	15743	15213	13925
TPCL GENERATION	1244	1234	976	748
R-INFRA GENERATION	486	493	512	403
MUMBAI DEMAND	3451	3518	3034	2407
STATE DEMAND MET	19028	19053	18247	16332
STATE DEMAND	19028	19261	18247	16332
Frequency (Hz)	49.94	49.91	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.03 Hrs	49.75 Hz at 14.18 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 08/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.42	26.32	154	95
Unit 6	0.00	0.00	0	0
Unit 7	3.93	30.16	175	130
Unit 8	12.08	102.50	620	449
Total	19.43	158.99		
Bhusawal				
Unit 2	3.36	23.48	150	130
Unit 3	4.00	31.32	175	160
Unit 4	10.66	81.29	500	355
Unit 5	10.72	81.81	500	360
Total	28.73	217.89		
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	4.42	32.15	200	170
Unit 4	4.29	33.86	187	165
Unit 5	10.25	57.50	460	365
Unit 6	10.10	78.29	455	370
Unit 7	10.02	79.31	447	349
Total	39.08	281.10		
Paras				
Unit 3	5.83	44.25	252	214
Unit 4	5.86	45.20	251	207
Total	11.69	89.44		
Khaparkheda				
Unit 1	3.56	27.14	160	125
Unit 2	3.75	30.56	165	145
Unit 3	4.12	33.39	190	114
Unit 4	0.22	27.88	123	0
Unit 5	9.17	84.79	490	360
Total	20.82	203.76		
Nasik				
Unit 3	4.12	33.33	195	160
Unit 4	4.17	33.64	192	155
Unit 5	4.19	33.71	191	162
Total	12.47	100.68		
Uran				
All Units	6.08	54.96	279	239
Total	6.08	54.96		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	0.47	24	0
Total	0.04	0.47		
Koyna				
Stage 1-2	1.16	13.35	105	40
Stage 4	0.60	9.02	246	0
Stage 3	0.48	5.61	80	0
Total	2.24	27.97		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.38	2.38	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.64	80	0
RNGR+BHTSA	0.22	1.26	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.03	0.28	2	1
GHATGHAR	0.97	6.44	250	0
Total	1.78	13.38		
Wind				
Total	22.90	168.82	0	0
Total	22.90	168.82		
CPP				
APML(Mus)	14.49	105.22	0	0
JSWEL(Mus)	20.34	159.04	0	0
VIPL(Mus)	12.62	96.23	0	0
RPLAMT(Mus)	21.57	150.88	0	0
WPCL(Mus)	2.96	29.93	0	0
Other(Mus)	4.01	36.60	0	0
Total	76.00	577.89		
SOLAR				
Total	1.10	8.90	0	0
Total	1.10	8.90		
Tata				
Trombay 5	10.77	84.89	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	11.49	50	49
Trombay 7B	0.96	8.46	41	40
Trombay 8	5.72	45.35	250	200
TATA Hydro	3.62	25.01	441	10
Total	22.27	175.21		
R-INFRA				
1-2	11.38	90.22	513	403
Total	11.38	90.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	1.79	11.49	MSPGCL Thermal	134.01	1081.71	MSPGCL Total	144.12	1178.02
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	140.09	1136.67	Koyna 1,2 & 4 Total	1.76	22.37
Koradi 9	0.00	18.36	MSPGCL Hydro	4.02	41.36	State Total	277.76	2199.06
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Jun/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	5430	166	241	5837	1431	2984	0	5815	5898	-1618	14532	0	14532	2949	17480	50.01
2	5359	50	250	5659	1379	2987	0	5690	5554	-1346	14233	0	14233	2664	16897	49.99
3	5219	50	241	5510	1384	2925	0	5557	5703	-1327	14195	0	14195	2538	16733	49.96
4	5088	75	249	5412	1369	2935	0	5496	5465	-1256	13925	0	13925	2407	16332	49.99
5	5046	50	251	5347	1289	2933	0	5448	5854	-1317	14106	0	14106	2337	16443	49.99
6	5121	50	239	5410	1116	2936	0	5370	6038	-1332	14168	0	14168	2341	16509	49.98
7	5601	50	240	5891	901	3027	7	5557	5830	-1273	14383	0	14383	2284	16667	49.99
8	5622	55	260	5937	679	3103	30	5624	5970	-1333	14386	0	14386	2346	16732	50.00
9	5604	80	279	5963	673	3106	68	5896	6239	-1562	14486	0	14486	2673	17160	49.99
10	5651	295	276	6222	578	3264	110	6178	6456	-1618	15012	0	15012	3006	18018	49.94
11	5810	530	245	6585	415	3402	119	6338	6557	-1788	15290	0	15290	3374	18664	49.99
12	5843	503	268	6614	447	3427	139	6514	6671	-1721	15577	0	15577	3451	19028	49.94
13	5762	392	261	6415	414	3424	117	6395	6621	-1745	15246	0	15246	3464	18710	49.94
14	5897	264	250	6411	431	3411	143	6331	6636	-1760	15272	0	15272	3401	18673	49.96
15	5971	307	249	6527	459	3406	134	6465	6800	-1791	15535	208	15743	3518	19261	49.91
16	5973	381	248	6602	417	3401	120	6429	6686	-1787	15439	235	15674	3546	19220	49.99
17	5930	271	248	6449	605	3401	66	6266	6715	-1782	15454	241	15695	3509	19204	49.99
18	5926	112	258	6296	832	3321	34	5907	6169	-1829	14823	82	14905	3388	18293	50.02
19	5756	51	249	6056	1032	3068	8	5717	5358	-1654	13868	0	13868	3116	16984	50.03
20	5206	56	257	5519	1050	2979	0	6078	6478	-1507	14519	0	14519	3057	17576	49.92
21	5804	70	249	6123	1297	3355	0	6186	5984	-1546	15213	0	15213	3034	18247	49.98
22	5787	51	249	6087	1582	3306	0	5956	5529	-1591	14913	0	14913	2924	17837	49.99
23	5181	56	269	5506	1682	2974	0	5854	5915	-1661	14416	0	14416	3048	17464	49.96
24	5423	57	257	5737	1441	2924	0	5846	6145	-1714	14533	0	14533	3135	17668	50.00
MUs	134.01	4.02	6.08	144.12	22.90	76.00	1.10	142.91	147.27	-37.86	353.52	0.77	354.29	71.51	425.80	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 08/Jun/2016

Position as on 6.30 Hrs of 09/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	
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	
MSPGCL	Chandrapur Unit 9	500	08/05/2016	23:16		Continued.	Turbine Problem	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
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	Koradi Unit 9	660	04/06/2016	14:45		Continued.	No Consent to operate	
MSPGCL	Khaparkheda Unit 4	210	07/06/2016	11.21	08/06/2016	21.33	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	07/06/2016	12.39		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	07/06/2016	19.04	08/06/2016	05.18	Motor Driven Boiler pump Temp.High	
IPP	WPCL U-3	135	08/06/2016	02.00		Continued.	ESP Bag Filter Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Jun/2016

Position as on 6.30 Hrs of 09/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit-8	500	08/06/2016	05.38	08/06/2016	10.06	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	08/06/2016	18.56		Continued.	Vibration Temp.High.	
MSPGCL	Khaparkheda Unit 3	210	08/06/2016	23.50		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 09/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 I	InterState	07/06/2016	18.01	08/06/2016	06.51	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/06/2016	18.19		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/06/2016	23.39		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
karad -kolhapur-I	IntraState	07/06/2016	15.54	08/06/2016	09.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/06/2016	16.49	08/06/2016	09.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/06/2016	17.55	08/06/2016	10.24	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/06/2016	05.08	08/06/2016	20.28	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	08/06/2016	08.24	08/06/2016	19.39	PO	Line Maintenance work
Warora -IEPL	IntraState	08/06/2016	15.15		Continued.	T	R Phase IVT Burst @ IEPL End.
Koradi 2-IEPL	IntraState	08/06/2016	15.15	08/06/2016	17.58	T	R Phase IVT Burst @ IEPL End.
Karad-Jaigad - I	IntraState	08/06/2016	15.39		Continued.	T	Distance Protection Operated(REC & 16.40 Hra).
karad -kolhapur-I	IntraState	08/06/2016	16.52		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/06/2016	18.05	08/06/2016	19.17	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Taptitanda Waluj	IntraState	08/06/2016	20.17	09/06/2016	00.38	T	Distance Protection
Bhusawal-Aurangabad	IntraState	09/06/2016	00.47		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/06/2016	01.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	06/06/2016	09.36		Continued.	PO	Bushing replacement
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	08/06/2016	08.12	08/06/2016	14.46	PO	Premansoon Maintenance Work.
400/220KV 500MVA ICT 2@koradi 2	IntraState	08/06/2016	15.15	08/06/2016	20.03	T	Low Impedance Teed Protection Operated.
400/220kv 315 Mva ICT I @Karad	IntraState	08/06/2016	15.18	08/06/2016	16.35	T	Trip on NDR.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32	08/06/2016	18.17	HT	O/L of Interconnector betn. Nsk OCR & GCR
Talandge Chikodi	InterState	08/06/2016	15.46	08/06/2016	18.00	PO	Replacement of B Phase Wave Trap Jumper.
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).
Khaparkheda-Kanhan	IntraState	08/06/2016	06.16	08/06/2016	08.43	PO	Replacement of Jumper & R.M.
Talandge(400)- Mudshingi 2 Line	IntraState	08/06/2016	09.05	08/06/2016	12.30	PO	Wave Trap Jumper Replacement Work.
Amalner - Bambhori	IntraState	08/06/2016	10.15	08/06/2016	12.32	PO	Replacement of B Phase Wave Trap Jumper.
Mururd - Tuljapur	IntraState	08/06/2016	11.13	08/06/2016	13.42	PO	Line Maintenance work
Parli New Tps - Beed Ckt 1	IntraState	08/06/2016	12.08	08/06/2016	13.46	PO	Removal of Iron Sheet Trapped.
Talandge-Mudshingi Ckt-I	IntraState	08/06/2016	12.45	08/06/2016	15.20	PO	Wave Trap Jumper Replacement & Testing Work.
Osmanabad - Solapur (Bale)	IntraState	08/06/2016	14.45	08/06/2016	16.27	EO	Line Maintenance work

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 08/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 09/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Borivali	IntraState	09/06/2016	00.09	09/06/2016	01.38	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Borivali(M)- Vasai	IntraState	09/06/2016	01.49	09/06/2016	05.06	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Tata Borivli MSETCL Borivli 5	IntraState	09/06/2016	01.51	09/06/2016	05.15	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Borivali - Ghodbunder	IntraState	09/06/2016	02.02	09/06/2016	05.05	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
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)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	08/06/2016	06.27	08/06/2016	08.01	PO	Premansoon Maintenance Work.
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	08/06/2016	07.09	08/06/2016	08.18	PO	Premansoon Maintenance Work.
220/132 KV 200MVA ICT I @ Kanhan	IntraState	08/06/2016	12.26	08/06/2016	14.22	PO	Premansoon Maintenance Work.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	08/06/2016	20.04		Continued.	HT	Due to Rise in Bus Sectionaliser Current.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	08/06/2016	18.08		Continued.	T	Distance Protection,Trip Again on Soft @ 02.38 Hrs dt 9.6.16.
Mankapur - Hingna-I	IntraState	08/06/2016	18.45	08/06/2016	20.24	T	Distance Protection
Ambazari-Mankapur 1	IntraState	08/06/2016	18.45	08/06/2016	20.20	T	Distance Protection
Lalkhedi-Durgwada	IntraState	08/06/2016	20.30		Continued.	T	Distance Protection Operated Z-2 R.Y.B Phase.

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