

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jun/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.276	412.582	1) Gujrat	-8.030	-19.286
2) Hydro	2.898	24.659	2) Madhya Pradesh	9.070	30.389
3) Gas	6.244	18.926	3) Chattisgarh	7.500	20.350
Total MSPGCL	147.418	456.167	4) Maharashtra Net	119.042	360.492
B) 1) APML	12.975	40.449	5) Goa (Amona)	-0.910	-2.882
2) JSWEL	20.287	61.569	6) TAPS 1&2 Injection	3.542	10.664
3) VIPL	10.917	39.337	7) RGPPL Injection	11.484	34.027
4) RPL(AMT)	18.790	54.954	8) Pench (MS)	0.079	0.167
5) WPCL	4.279	9.582	9) Pench (Excess)	-0.079	-0.167
6) Other IPP	4.486	13.371	Total	141.619	433.587
C) 1) TPCL Thermal	16.378	51.402	a) Mumbai Schedule	27.007	88.199
2) TPCL Hydro	4.083	12.381	b) Mumbai Drawl	36.709	106.845
3) TPCL Gas	2.120	6.368	c) MSEDCL Bilateral *	41.382	123.050
4) R-INFRA Thermal	11.439	35.805	Include PX	5.940	18.499
D) STATE			d) Mumbai Bilateral *	27.007	88.199
1) Thermal	237.827	719.051	Include PX	6.458	18.086
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.981	37.040	H) ENERGY CATERED (MUs)		
3) Gas	8.364	25.294	1) MSEDCL	346.991	1066.881
4) Wind	21.688	61.077	2) Mumbai Discoms	70.729	212.803
6) SOLAR	1.241	3.633	TOTAL STATE	417.720	1279.684
TOTAL STATE	276.101	846.095			

* 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 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5512	6005	5673	5759
MSPGCL Hydro	147	314	121	66
MSPGCL Gas	254	241	238	281
MSPGCL Total Generation	5913	6560	6032	6106
Central Sector Receipt	6799	7142	5769	5003
WIND	630	360	982	1025
CPP / IPP	2991	2961	2964	3008
SOLAR	179	95	0	33
Exchange with Mumbai	-1726	-1737	-1376	-1247
MSEDCL DEMAND MET	14786	15381	14371	13928
Load Shedding	0	0	0	0
MSEDCL DEMAND	14786	15381	14371	13928
TPCL GENERATION	1220	1278	1097	690
R-INFRA GENERATION	502	504	513	401
MUMBAI DEMAND	3448	3519	2986	2338
STATE DEMAND MET	18234	18900	17357	16266
STATE DEMAND	18234	18900	17357	16266
Frequency (Hz)	49.89	49.89	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 09.02 Hrs	49.71 Hz at 12.18 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 03/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.41	10.08	150	135
Unit 6	0.00	0.00	0	0
Unit 7	3.64	11.55	160	132
Unit 8	12.62	39.84	627	415
Total	19.67	61.46		
Bhusawal				
Unit 2	3.33	6.69	145	130
Unit 3	3.90	11.71	170	155
Unit 4	9.31	32.90	500	345
Unit 5	9.32	33.27	510	350
Total	25.86	84.57		
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	3.92	10.64	185	145
Unit 4	4.16	12.83	185	160
Unit 5	8.31	8.31	400	126
Unit 6	9.40	29.37	455	355
Unit 7	9.46	30.70	445	347
Total	35.26	91.85		
Paras				
Unit 3	5.33	16.93	252	197
Unit 4	5.45	17.48	260	190
Total	10.78	34.41		
Khaparkheda				
Unit 1	3.03	9.28	145	115
Unit 2	3.74	11.22	175	145
Unit 3	4.28	12.75	192	162
Unit 4	4.36	13.19	190	170
Unit 5	10.48	33.70	500	380
Total	25.90	80.14		
Nasik				
Unit 3	4.06	13.12	190	165
Unit 4	4.04	13.27	197	162
Unit 5	4.09	13.26	194	164
Total	12.19	39.65		
Uran				
All Units	6.24	18.93	295	238
Total	6.24	18.93		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.08	0.17	24	0
Total	0.08	0.17		
Koyna				
Stage 1-2	1.04	7.54	50	40
Stage 4	0.00	8.41	0	0
Stage 3	0.00	3.87	0	0
Total	1.04	19.81		
Hydro				
KDPH	0.28	1.12	17	8
VTRNA	0.00	0.16	0	0
TILLARI	0.37	0.88	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.79	80	0
RNGR+BHTSA	0.20	0.40	9	8
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	0.15	3	2
GHATGHAR	0.78	1.35	250	0
Total	1.86	4.85		
Wind				
Total	21.69	61.08	0	0
Total	21.69	61.08		
CPP				
APML(Mus)	12.98	40.45	0	0
JSWEL(Mus)	20.29	61.57	0	0
VIPL(Mus)	10.92	39.34	0	0
RPLAMT(Mus)	18.79	54.95	0	0
WPCL(Mus)	4.28	9.58	0	0
Other(Mus)	4.49	13.37	0	0
Total	71.73	219.26		
SOLAR				
Total	1.24	3.63	0	0
Total	1.24	3.63		
Tata				
Trombay 5	10.71	33.91	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	3.51	49	48
Trombay 7B	0.95	2.86	40	39
Trombay 8	5.67	17.49	249	199
TATA Hydro	4.08	12.38	456	0
Total	22.58	70.15		
R-INFRA				
1-2	11.44	35.80	514	401
Total	11.44	35.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	4.55	6.62	MSPGCL Thermal	138.28	412.58	MSPGCL Total	147.42	456.17
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	144.52	431.51	Koyna 1,2 & 4 Total	1.04	15.95
Koradi 9	4.06	13.88	MSPGCL Hydro	2.90	24.66	State Total	276.10	846.10
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Jun/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													
1	6001	67	274	6342	1137	3322	0	5964	5715	-1554	14962	0	14962	2928	17890	49.94
2	6010	67	276	6353	1174	3240	0	5768	5376	-1343	14800	0	14800	2655	17455	49.95
3	5989	67	276	6332	1137	3006	0	5622	5221	-1406	14290	0	14290	2505	16795	49.94
4	5740	67	276	6083	1226	2945	0	5424	5469	-1362	14361	0	14361	2364	16725	49.92
5	5787	77	278	6142	1160	2932	0	5353	5126	-1287	14073	0	14073	2296	16369	49.93
6	5944	66	282	6292	1021	2809	0	5338	5111	-1262	13971	0	13971	2302	16273	49.89
7	6201	71	295	6567	977	3088	6	5505	4457	-1078	14017	0	14017	2253	16270	49.99
8	5759	66	281	6106	1025	3008	33	5572	5003	-1247	13928	0	13928	2338	16266	49.96
9	5520	66	282	5868	803	3003	84	5854	6034	-1537	14255	0	14255	2645	16900	49.96
10	5725	250	276	6251	745	3032	133	6666	6201	-1740	14622	0	14622	3022	17644	49.93
11	5727	233	279	6239	672	3064	141	6750	6379	-1713	14782	0	14782	3314	18096	49.96
12	5512	147	254	5913	630	2991	179	6799	6799	-1726	14786	0	14786	3448	18234	49.89
13	5572	63	240	5875	477	2994	184	6854	6773	-1768	14535	0	14535	3464	17999	49.81
14	5671	63	239	5973	456	2981	168	6803	6953	-1652	14879	0	14879	3352	18231	49.95
15	5693	209	241	6143	469	2986	132	6849	6991	-1761	14960	0	14960	3492	18452	49.89
16	6005	314	241	6560	360	2961	95	6908	7142	-1737	15381	0	15381	3519	18900	49.89
17	5759	226	240	6225	616	2939	58	6574	6998	-1779	15057	0	15057	3502	18559	49.87
18	5598	134	249	5981	884	2862	26	6037	6108	-1671	14190	0	14190	3319	17509	49.95
19	5748	131	254	6133	1311	2818	2	5622	4842	-1638	13468	0	13468	3118	16586	49.96
20	5633	121	249	6003	1126	2824	0	5664	5775	-1448	14280	0	14280	3044	17324	49.91
21	5673	121	238	6032	982	2964	0	5876	5769	-1376	14371	0	14371	2986	17357	49.95
22	5678	65	244	5987	1054	3002	0	5642	5716	-1395	14364	0	14364	2932	17296	49.95
23	5649	60	239	5948	1070	2996	0	5709	5835	-1609	14240	0	14240	2939	17179	49.95
24	5682	147	241	6070	1176	2967	0	5819	5826	-1620	14419	0	14419	2992	17411	49.95
MUs	138.28	2.90	6.24	147.42	21.69	71.73	1.24	144.97	141.62	-36.71	346.99	0.00	346.99	70.73	417.72	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 03/Jun/2016

Position as on 6.30 Hrs of 04/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	03/06/2016	01.28	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-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	
MSPGCL	Uran Unit 8	108	29/05/2016	23.19		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	03/06/2016	04.57	03/06/2016	06.45	PSM Bearing Temp.High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 04/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Raichur(PG)-Solapur(PG)- II	InterState	03/06/2016	16.14	03/06/2016	19.05	T	Distance Protection
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	02/06/2016	19.46	03/06/2016	08.49	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	03/06/2016	02.08	03/06/2016	09.00	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	03/06/2016	15.14	03/06/2016	19.39	T	Distance Protection
Chandrapur Bhadravati III	InterState	03/06/2016	15.14	03/06/2016	19.28	T	Distance Protection
Dhule Khandwa I	InterState	03/06/2016	15.15	03/06/2016	16.43	PO	To Take Line Reactor In Service.
Kolhapur Solapur (PG) II	InterState	03/06/2016	18.01		Continued.	T	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.
Jejuri- Koynastage-IV	IntraState	02/06/2016	15.59	03/06/2016	06.36	T	Distance Protection,Trial Failed @ 16.45 Hrs.(RFG @ 0519 Hrs on 3.6.16)
karad -kolhapur-II	IntraState	02/06/2016	16.01	03/06/2016	09.54	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/06/2016	16.08	03/06/2016	11.02	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/06/2016	18.48	03/06/2016	09.54	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	02/06/2016	21.42	03/06/2016	08.42	T	Distance Protection
Chandrapu II - Chandrapur SW Ckt II	IntraState	03/06/2016	15.58	04/06/2016	04.21	EO	Attending Oil Leakage
karad -kolhapur-I	IntraState	03/06/2016	16.23		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/06/2016	17.09		Continued.	HT	Over Voltage
Karad - Lonikand 1	IntraState	03/06/2016	17.49		Continued.	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	03/06/2016	21.15	04/06/2016	06.12	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	03/06/2016	22.03		Continued.	T	Distance Protection
Deepnagar - Aurangabad	IntraState	04/06/2016	06.42		Continued.	PO	Jumper Tightening and Fixing of Nut Bolts
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 Dismanteling Of ICT-I
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	03/06/2016	05.15	03/06/2016	08.37	EO	To Attend Red Hot Spot.
400/220kv 315 Mva ICT I @Karad	IntraState	03/06/2016	22.23	04/06/2016	00.26	T	NDR Operated
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
Mahalakshmi Amona	InterState	02/06/2016	17.55		Continued.	T	Distance Protection
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

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 03/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 04/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Karad(400kv) - Wathar	IntraState	02/06/2016	20.25		Continued.	T	Distance Protection
Kharepatan -Pawas Line	IntraState	02/06/2016	22.37		Continued.	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	03/06/2016	11.17	03/06/2016	17.16	HT	Over Voltage
Osmanabad - Solapur (Bale)	IntraState	03/06/2016	20.17		Continued.	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/06/2016	22.56	03/06/2016	23.44	T	Distance Protection
Karad -Mudshingi Ckt- IV	IntraState	03/06/2016	23.08	04/06/2016	00.09	T	Distance Protection
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 100 MVA Transformer 1 @Aarey R/S	IntraState	03/06/2016	08.42	03/06/2016	10.35	PO	Premansoon Maintenance Work.
220/33kV 125 MVA Transformer 2 @Aarey R/S	IntraState	03/06/2016	11.02	03/06/2016	11.54	PO	Premansoon Maintenance Work.
220/100 Kv 100 MVA ICT II @Vasai-Ii	IntraState	03/06/2016	12.02	03/06/2016	13.43	PO	Premansoon Maintenance Work.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	03/06/2016	13.54	03/06/2016	15.11	PO	Premansoon Maintenance Work.
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	03/06/2016	08.46	03/06/2016	16.46	PO	Maintenance Work.

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