

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jun/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.823	1556.706	1) Gujrat	-2.159	-56.793
2) Hydro	4.260	51.937	2) Madhya Pradesh	10.715	115.452
3) Gas	10.160	89.503	3) Chattisgarh	7.140	84.850
Total MSPGCL	128.243	1698.146	4) Maharashtra Net	94.332	1353.574
B) 1) APML	11.136	154.994	5) Goa (Amona)	-0.616	-9.344
2) JSWEL	18.750	236.422	6) TAPS 1&2 Injection	3.595	42.785
3) VIPL	10.097	141.018	7) RGPPL Injection	10.774	135.535
4) RPL(AMT)	18.421	227.448	8) Pench (MS)	0.070	0.710
5) WPCL	2.880	41.174	9) Pench (Excess)	-0.070	-0.710
6) Other IPP	4.036	54.689	Total	123.711	1665.349
C) 1) TPCL Thermal	14.523	192.756	a) Mumbai Schedule	22.607	332.050
2) TPCL Hydro	0.378	33.622	b) Mumbai Drawl	28.587	423.149
3) TPCL Gas	4.303	35.059	c) MSEDCL Bilateral *	42.588	448.564
4) R-INFRA Thermal	10.650	133.813	Include PX	0.000	20.500
D) STATE			d) Mumbai Bilateral *	22.607	332.050
1) Thermal	204.316	2739.020	Include PX	6.422	76.900
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	4.638	85.559	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.463	124.562	1) MSEDCL	329.120	4105.608
4) Wind	39.325	296.584	2) Mumbai Discoms	58.441	818.397
6) SOLAR	1.108	12.933	TOTAL STATE	387.561	4924.005
TOTAL STATE	263.850	3258.658			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4654	4776	4653	4680
MSPGCL Hydro	304	370	255	60
MSPGCL Gas	410	413	406	439
MSPGCL Total Generation	5368	5559	5314	5179
Central Sector Receipt	5383	4878	5524	4958
WIND	1719	1777	1506	1573
CPP / IPP	2672	2662	2663	2807
SOLAR	128	100	0	0
Exchange with Mumbai	-1234	-1121	-1106	-1142
MSEDCL DEMAND MET	14036	13855	13901	13375
Load Shedding	0	0	0	0
MSEDCL DEMAND	14036	13855	13901	13375
TPCL GENERATION	700	985	994	700
R-INFRA GENERATION	401	510	512	402
MUMBAI DEMAND	2335	2616	2612	2244
STATE DEMAND MET	16371	16471	16513	15619
STATE DEMAND	16371	16471	16513	15619
Frequency (Hz)	49.99	50.02	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.04 Hrs	49.76 Hz at 19.51 Hrs	49.99	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 12/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.15	39.09	142	120
Unit 6	0.00	0.00	0	0
Unit 7	3.31	44.55	146	125
Unit 8	11.49	146.28	510	421
Total	17.94	229.92		
Bhusawal				
Unit 2	3.36	36.12	150	135
Unit 3	3.92	45.70	165	160
Unit 4	0.00	94.90	0	0
Unit 5	8.65	119.36	370	360
Total	15.92	296.08		
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	0.00	44.50	0	0
Unit 4	4.03	50.70	184	160
Unit 5	9.01	96.45	441	360
Unit 6	8.97	117.33	442	360
Unit 7	8.85	98.63	390	360
Total	30.86	407.62		
Paras				
Unit 3	4.95	66.37	248	182
Unit 4	5.07	67.76	250	194
Total	10.02	134.13		
Khaparkheda				
Unit 1	3.84	41.59	165	155
Unit 2	3.66	45.48	165	140
Unit 3	3.76	43.98	166	145
Unit 4	4.34	45.29	185	172
Unit 5	9.63	128.09	500	380
Total	25.24	304.43		
Nasik				
Unit 3	4.20	49.78	195	160
Unit 4	4.09	50.05	186	164
Unit 5	4.19	50.17	195	162
Total	12.47	150.00		
Uran				
All Units	10.16	89.50	440	399
Total	10.16	89.50		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.07	0.71	23	0
Total	0.07	0.71		
Koyna				
Stage 1-2	1.38	18.20	170	40
Stage 4	0.00	9.31	0	0
Stage 3	1.06	7.42	142	0
Total	2.44	34.93		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	2.41	80	0
RNGR+BHTSA	0.22	1.94	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.03	0.39	2	1
GHATGHAR	1.43	8.51	210	0
Total	1.82	17.00		
Wind				
Total	39.32	296.58	0	0
Total	39.32	296.58		
CPP				
APML(Mus)	11.14	154.99	0	0
JSWEL(Mus)	18.75	236.42	0	0
VIPL(Mus)	10.10	141.02	0	0
RPLAMT(Mus)	18.42	227.45	0	0
WPCL(Mus)	2.88	41.17	0	0
Other(Mus)	4.04	54.69	0	0
Total	65.32	855.74		
SOLAR				
Total	1.11	12.93	0	0
Total	1.11	12.93		
Tata				
Trombay 5	9.20	125.17	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	20.94	115	114
Trombay 7B	1.56	14.12	66	64
Trombay 8	5.32	67.58	249	200
TATA Hydro	0.38	33.62	97	12
Total	19.20	261.44		
R-INFRA				
1-2	10.65	133.81	512	401
Total	10.65	133.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	14.80	MSPGCL Thermal	113.82	1556.71	MSPGCL Total	128.24	1698.15
Chandrapur 9	1.37	1.37	MSPGCL Thml+Gas	123.98	1646.21	Koyna 1,2 & 4 Total	1.38	27.52
Koradi 9	0.00	18.36	MSPGCL Hydro	4.26	51.94	State Total	263.85	3258.66
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4900	52	437	5389	1686	2826	0	5668	5891	-1483	14309	0	14309	2697	17006	49.92
2	4785	51	437	5273	1452	2808	0	5595	5569	-1412	13690	0	13690	2509	16199	49.94
3	4692	66	437	5195	1468	2810	0	5563	5507	-1275	13705	0	13705	2373	16078	50.00
4	4684	56	439	5179	1616	2809	0	5589	5365	-1181	13788	0	13788	2279	16067	50.00
5	4680	60	439	5179	1573	2807	0	5587	4958	-1142	13375	0	13375	2244	15619	49.99
6	4670	55	439	5164	1451	2810	0	5106	5322	-1149	13598	0	13598	2250	15848	49.97
7	4967	55	438	5460	1440	2808	3	5195	5363	-1042	14032	0	14032	2143	16175	49.99
8	4930	55	428	5413	1444	2775	22	5588	5204	-1004	13854	0	13854	2104	15958	50.00
9	4694	50	428	5172	1504	2673	60	5654	5395	-1052	13752	0	13752	2153	15905	50.06
10	4578	110	412	5100	1524	2627	116	5282	5574	-1125	13816	0	13816	2226	16042	50.03
11	4654	304	410	5368	1719	2672	128	4880	5383	-1234	14036	0	14036	2335	16371	49.99
12	4681	434	416	5531	1772	2672	151	5469	5007	-1291	13842	0	13842	2394	16236	50.00
13	4680	390	404	5474	2011	2673	144	5168	4834	-1364	13772	0	13772	2465	16237	49.96
14	4687	225	421	5333	1961	2719	134	5045	4826	-1348	13625	0	13625	2449	16074	49.98
15	4729	160	399	5288	2086	2665	132	4834	4945	-1311	13805	0	13805	2483	16288	49.95
16	4776	370	413	5559	1777	2662	100	4851	4878	-1121	13855	0	13855	2616	16471	50.02
17	4758	214	406	5378	1795	2668	68	4794	4617	-1009	13517	0	13517	2448	15965	50.02
18	4758	55	425	5238	1964	2647	39	4027	3962	-976	12874	0	12874	2405	15279	50.08
19	4641	55	417	5113	1807	2668	11	3299	3813	-952	12460	0	12460	2376	14836	49.99
20	4653	260	426	5339	1750	2672	0	4608	5001	-1025	13737	0	13737	2529	16266	49.97
21	4653	255	406	5314	1506	2663	0	5230	5524	-1106	13901	0	13901	2612	16513	49.96
22	4663	385	416	5464	1315	2666	0	5025	5488	-1193	13740	0	13740	2682	16422	49.90
23	4841	291	440	5572	1174	2761	0	5176	5849	-1337	14019	0	14019	2793	16812	49.97
24	5069	252	427	5748	1530	2763	0	5467	5436	-1455	14022	0	14022	2876	16898	49.96
MUs	113.82	4.26	10.16	128.24	39.32	65.32	1.11	122.70	123.71	-28.59	329.12	0.00	329.12	58.44	387.56	49.99

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 12/Jun/2016

Position as on 6.30 Hrs of 13/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	
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 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.	
IPP	WPCL U-3	135	08/06/2016	02.00	12/06/2016	23.16	ESP Bag Filter Problem	
MSPGCL	Chandrapur Unit 9	500	10/06/2016	01.56	12/06/2016	00.22	Drum level low	
MSPGCL	Bhusawal Unit 4	500	10/06/2016	09.00		Continued.	BTL	
MSPGCL	Chandrapur Unit-8	500	10/06/2016	12.38		Continued.	Due to Station T/F trip.	
RGPL	Dabhol 2B	230	10/06/2016	13.46	12/06/2016	21.54	Change Over	
MSPGCL	Chandrapur Unit 3	210	11/06/2016	23.54		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13		Continued.	Low furnace pressure	
RGPL	Dabhol 2A	230	12/06/2016	19.58		Continued.	Combustion Chamber problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 13/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	12/06/2016	07.15	12/06/2016	20.15	PO	Cold washing and Insulator string repl.work
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	11/06/2016	17.44		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/06/2016	17.46	12/06/2016	10.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/06/2016	17.28		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	08/06/2016	16.52		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Karad-Jaigad - I	IntraState	11/06/2016	16.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/06/2016	04.05	12/06/2016	15.21	HT	Over Voltage
Padghe - Kharghar	IntraState	12/06/2016	06.11		Continued.	T	Distance Protection
Koradi-Bhusawal	IntraState	12/06/2016	11.37	12/06/2016	12.38	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	12/06/2016	15.10		Continued.	EO	Replace Decapped string
Girwali-Solapur (Lamboti)	IntraState	12/06/2016	17.11	12/06/2016	19.00	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	06/06/2016	09.36		Continued.	PO	Bushing replacement
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	09/06/2016	09.40		Continued.	PO	Outage.
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).
Jejuri-Parvati	IntraState	09/06/2016	07.00		Continued.	PO	Pune Ringmain Re-Orientation Work.
Hingoli- Girawali	IntraState	12/06/2016	00.53	12/06/2016	08.41	T	Distance Protection
Eklahare (Gcr) - Airoli Know Park	IntraState	12/06/2016	04.34	12/06/2016	15.06	T	Distance Protection
Khaparkheda-Kanhan	IntraState	12/06/2016	06.14	12/06/2016	12.29	PO	Repl.of Jumper and fixing of repair sleeve on damaged conductor
Goregaon Versova Line 2	IntraState	12/06/2016	09.11	12/06/2016	17.22	PO	Repl.of CVT
Babhaleswar - Degaon Rangari	IntraState	12/06/2016	10.48	12/06/2016	15.34	PO	Line Maintenance work
Dhule - Dondaicha Ckt	IntraState	12/06/2016	15.15	12/06/2016	16.15	T	PT Pannel to control panel Cable Burst
Dondaicha(220)-Amalner(220)	IntraState	12/06/2016	15.15	12/06/2016	16.13	T	PT Pannel to control panel Cable Burst
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)
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	08/06/2016	20.04		Continued.	HT	Due to Rise in Bus Sectionalizer Current.
220/132 kV 100MVA ICT I @ Balapur	IntraState	12/06/2016	13.35	12/06/2016	14.08	T	132KV B phase PT Burst

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