



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

17/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Jun/2012 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	87.745	1838.628	1) Gujrat	6.343	116.329
2) Hydro	5.113	258.659	2) Madhya Pradesh	15.174	306.995
3) Gas	14.545	218.230	3) Chattisgarh	11.020	167.260
Total MSGENCO	107.403	2315.517	4) Maharashtra	48.835	836.790
B) OTHERS			5) Goa	-4.890	-106.179
1) JSW JAIGAD	27.189	484.760	6) TAPS 1&2 Injection	7.601	129.363
2) WPCL	9.779	171.935	7) RGPPL Injection	17.458	356.373
3) Other CPP / IPP	5.569	128.761	8) Pench (Excess)	-0.111	-2.595
4) Wind Generation	25.744	304.088	# Total Cent. Sector	101.430	1804.336
5) PENCH (MS)	0.111	2.595	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.077	-216.433
1) TPCL Thermal	25.466	473.417	G) Bilateral Power *		
2) TPCL Hydro	1.028	89.646	1) MSEDCL Bilateral	24.489	506.038
TOTAL TPCL	26.494	563.063	Include PX	0.000	4.822
3) REL Thermal	12.585	213.340	2) MUMBAI Bilateral	12.876	265.833
D) STATE			Include PX	0.848	23.753
1) Thermal (A1+C1+C3)	125.796	2525.385	3) MUMBAI Schedule	12.876	265.833
2) Hydro (A2+B5+C2)	6.252	350.900	H) ENERGY CATERED (MUs)		
3) Gas (A3)	14.545	218.230	1) MSEDCL	268.148	4995.559
4) Wind (B4)	25.744	304.088	2) TPCL	31.398	656.805
5) CPP (B1+B2+B3)	42.537	785.456	3) REL	16.757	336.023
TOTAL STATE	214.874	4184.059	TOTAL STATE	316.303	5988.387

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3555	3873	3675
MSGENCO Hydro	318	246	102
MSGENCO Gas	621	619	568
MSGENCO Total Generation	4494	4738	4345
Central Sector Receipt	5032	3725	4091
WIND	1075	1219	990
CPP / IPP	1734	1748	1834
Exchange with Mumbai	-526	-455	-164
MSEDCL DEMAND MET	11809	10979	11096
Load Shedding	677	391	284
MSEDCL DEMAND	12486	11370	11380
TPCL GENERATION	1061	1194	1095
R-INFRA GENERATION	525	523	524
TPCL+R-INFRA DEMAND	2112	2172	1783
STATE DEMAND MET	13921	13151	12879
STATE DEMAND	14598	13542	13163
Frequency (Hz)	49.81	49.88	49.82

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.48 Hz at 18:02 Hrs	49.28 Hz at 23:07 Hrs	49.9	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 17/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.41	46.45	123	62	125
Unit 6	2.42	52.85	120	20	115
Unit 7	1.60	55.50	120	0	100
Total	6.42	154.79			340
Bhusawal					
Unit 2	3.79	59.56	165	145	160
Unit 3	3.98	68.86	180	155	180
Unit 4	0.00	18.53	0	0	0
Unit 5	0.00	0.00	0	0	0
Total	7.77	146.96			340
Parli					
Unit 3	3.59	67.46	186	112	110
Unit 4	0.00	2.58	0	0	0
Unit 5	3.08	63.82	166	92	94
Unit 6	4.50	76.05	206	174	187
Unit 7	0.97	42.76	153	0	0
Total	12.14	252.68			391
Chandrapur					
Unit 1	3.11	63.59	149	114	120
Unit 2	0.89	48.62	136	0	120
Unit 3	3.84	68.17	182	118	170
Unit 4	4.10	76.14	192	128	170
Unit 5	5.94	126.96	370	140	200
Unit 6	6.32	164.91	315	196	325
Unit 7	7.50	139.85	330	290	315
Total	31.71	688.24			1420
Paras					
Unit 3	0.00	69.04	0	0	0
Unit 4	0.00	0.00	0	0	0
Total	0.00	69.04			0
Khaparkheda					
Unit 1	4.55	57.63	205	180	190
Unit 2	0.00	0.72	0	0	0
Unit 3	3.60	80.80	202	0	100
Unit 4	4.44	82.90	191	180	190
Unit 5	3.23	87.30	236	0	170
Total	15.82	309.35			650
Nasik					
Unit 3	5.04	74.50	220	180	192
Unit 4	4.48	78.31	210	160	192
Unit 5	4.36	64.75	199	152	172
Total	13.88	217.56			556
Uran					
All Units	14.54	218.23	631	567	620
Total	14.54	218.23			620
PENCH (MS)					
Pench (MS)	0.11	2.60	25	0	0
Total	0.11	2.60			0
Koyna					
Stage 1-2	1.42	80.26	275	40	530
Stage 4	0.00	97.14	0	0	250
Stage 3	0.56	40.02	160	0	320
Kovna 12&4 Total	1.42	177.41			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	1.99	217.43			1100
Hydro					
KDPH	0.67	5.85	28	27	28
VTRNA	0.63	10.06	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.33	5.31	82	0	80
RNGR+BHTSA	0.24	3.75	12	1	10
BHANDARDRA	0.18	2.17	8	7	12
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.29	4.18	18	9	10
GHATGHAR	0.77	9.92	250	0	0
Total	3.12	41.23			201
Wind					
MalharPeth	1.26	10.84			
Vankuswadi	2.03	17.51			
ATIT	0.29	3.63			
Kale	0.91	6.34			
Satara	5.72	31.15			
Shirala	0.67	7.62			
K Mahankal	0.16	20.53			
Supa	0.35	4.20			
Vita	4.04	39.02			
Dondaicha	6.74	113.02			
Sakri	0.95	15.00			
Nandurbar	0.58	11.45			
Khandke	1.20	12.48			
Khaparale	0.85	11.29			
Total	25.74	304.09			
CPP					
JSW JAIGAD	27.19	484.76	1177	1097	1100
WARDHA	9.78	171.94	455	368	393
Other CPPs	5.57	128.76			
Total	42.54	785.46			1493
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.96	185.46	503	455	500
Trombay 6	3.81	111.01	194	155	500
Trombay 7A	2.92	48.62	126	115	120
Trombay 7B	1.60	26.99	69	64	60
Trombay 8	5.18	101.32	250	159	250
TATA Hydro	1.03	89.65	182	0	447
Total	26.49	563.06			1877
REL					
1&2	12.58	213.34	527	521	500
Total	12.58	213.34			500
Cent Sect					
Share					4260
Total					4260

MS PG CL	Thermal	87.74	1838.63			3697
	Thml+Gas	102.29	2056.86			4317
	Hydro	5.11	258.66			1301
	Total	107.40	2315.52			5618
State Total		214.87	4184.06			13748

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Jun/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	3836	332	578	4746	995	1846	4299	4230	-388	-473	11354	188	11542	2122	13664	49.66
2	3685	162	575	4422	962	1828	4210	4284	-391	-400	11096	251	11347	2019	13366	49.81
3	3633	107	578	4318	950	1824	4118	4188	-420	-292	10988	265	11253	1914	13167	49.80
4	3624	97	568	4289	1037	1832	4050	4222	-420	-221	11159	275	11434	1844	13278	49.94
5	3675	102	568	4345	990	1834	4016	4091	-420	-164	11096	284	11380	1783	13163	49.82
6	3635	112	567	4314	891	1830	3797	4280	-420	-203	11112	404	11516	1815	13331	49.83
7	3609	128	602	4339	668	1755	3746	4617	-420	-220	11159	764	11923	1777	13700	50.00
8	3526	103	621	4250	605	1752	3963	4825	-423	-236	11196	801	11997	1788	13785	50.11
9	3345	115	618	4078	834	1709	4036	4682	-810	-303	11000	824	11824	1856	13680	50.11
10	3340	176	618	4134	1119	1717	4051	5464	-528	-400	12034	521	12555	1954	14509	49.96
11	3405	253	620	4278	1089	1726	4056	5377	-528	-497	11973	513	12486	2076	14562	49.84
12	3555	318	621	4494	1075	1734	4056	5032	-528	-526	11809	677	12486	2112	14598	49.81
13	3535	323	602	4460	1117	1728	4053	5098	-528	-602	11801	730	12531	2148	14679	49.92
14	3545	341	602	4488	1065	1734	4057	4600	-528	-478	11409	619	12028	2058	14086	49.88
15	3678	337	631	4646	1341	1737	4104	4126	-528	-425	11425	484	11909	2017	13926	49.91
16	3826	152	622	4600	1558	1709	4112	3794	-528	-348	11313	472	11785	1965	13750	50.06
17	3793	115	623	4531	1474	1713	4121	3378	-528	-347	10749	326	11075	1957	13032	50.05
18	3799	165	622	4586	1383	1729	4119	3209	-528	-323	10584	259	10843	1963	12806	50.17
19	3801	165	619	4585	1447	1743	4121	3456	-528	-382	10849	108	10957	2013	12970	50.06
20	3873	246	619	4738	1219	1748	4355	3725	-576	-455	10979	391	11370	2172	13542	49.88
21	3778	312	617	4707	1153	1819	4404	3581	-658	-409	10875	409	11284	2199	13483	49.84
22	3777	324	618	4719	1038	1824	4442	3387	-697	-431	10561	397	10958	2204	13162	49.84
23	3692	314	618	4624	920	1809	4453	3899	-760	-445	10832	0	10832	2201	13033	49.63
24	3780	314	618	4712	814	1857	4376	3885	-796	-497	10795	0	10795	2199	12994	49.71
MUs	87.74	5.11	14.54	107.40	25.74	42.54	99.12	101.43	-12.88	-9.08	268.15	9.96	278.11	48.16	326.27	49.90

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 17/Jun/2012

Position as on 6.30 Hrs of 18/Jun/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	20/06/2012
Cent_Sect NTPC(V-3)	210	20/05/2012	00:25		Continued.	AOH.	
Khaparkheda Unit 2	210	01/06/2012	05.45		Continued.	Annual overhaul.	05/07/2012
Cent_Sect NTPC(K-5)	500	01/06/2012	23.50		Continued.	A/OH.	30/06/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Parli Unit 4	210	02/06/2012	00.30		Continued.	ID Fan problem.	20/06/2012
Bhusawal Unit 4	500	06/06/2012	06.27		Continued.	Vibration Problem	
Dabhol 2B	230	08/06/2012	11.21		Continued.	W/Dn.	
Dabhol 3A	230	10/06/2012	12.48		Continued.	Gas Shortage	
Parli Unit 7	250	11/06/2012	18.30	17/06/2012	14.10	CHP problem	
Paras Unit 3	250	13/06/2012	17.05		Continued.	Structure collapse near ESP.	
Koyna Unit 2	75	16/06/2012	10.15		Continued.	Installation of Numerical relay.	21/06/2012
Dabhol 1A	230	16/06/2012	11.45		Continued.	Withdrawn.	
Khaparkheda Unit 3	210	16/06/2012	21.07	17/06/2012	04:24	Generator protection.	
Cent_Sect NTPC(V-10)	500	16/06/2012	22:45		Continued.	Boiler Tube Leakage.	
Dabhol 2A	230	17/06/2012	03:04	17/06/2012	06.13	Drum Level High.	
Dabhol 2X	290	17/06/2012	03:04	17/06/2012	06.59	Drum Level High.	
Chandrapur Unit 2	210	17/06/2012	07.32	18/06/2012	08.56	Low Coal Flow.	
CPP WPCL U-1	135	18/06/2012	01.00		Continued.	Convertor chain damaged.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2012

Position as on 6.30 Hrs of 18/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765KV Seoni - Wardha - II	13/06/2012	16.09		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	14/06/2012	09.23		Continued.	Over Voltage.
Akola - Wardha - I	15/06/2012	19.15	18/06/2012	10.09	To control Wardha-Deoli L/L.
Parly(PG) - Wardha (PG) - I	15/06/2012	21.05		Continued.	To Control Wardha-Deoli line loading.
Kolhapur - Mapusa - II	16/06/2012	17:52		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
Chandrapur - Parli - III	09/06/2012	09.27		Continued.	Overhauling of breaker(Ckt charged through TBC at Parly end)
Main Bus - I @ Kolhapur	15/06/2012	11.39	18/06/2012	17.00	Balance bay conductor jumpering work of Solapur I and II.
Chandrapur - Parli - I	16/06/2012	15:28	17/06/2012	08.59	Attending Earth leakage detected.
400/220 KV 315 MVA ICT-I @ Dhule	18/06/2012	10.40		Continued.	Cable Termination of CP and RP from new yard
400/220KV 315 MVA ICT-I @ Talangade	18/06/2012	12.06	18/06/2012	16.09	Q.M.Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
220/33KV,100 MVA,ICT-II at Valve	17/06/2012	08.13	17/06/2012	09.30	Premonsoon maint.work.
Vita-Mhaisal	17/06/2012	10.08	17/06/2012	18.47	Replacement of Insulator.
Uran - JNPT	17/06/2012	11.00	17/06/2012	14.32	Hot Spot.
Kandalgaon - Dasturi	17/06/2012	11.40	17/06/2012	13.54	Hot Spot.
220/100KV 200 MVA ICT III at Borivali	17/06/2012	13.11	17/06/2012	17.37	Tan delta Measurement.
Momewadi -Halkarni	18/06/2012	10.34	18/06/2012	16.42	Q.M.Work
Mumewadi-Mudshingi	18/06/2012	10.55	18/06/2012	14.55	Q.M.work
ONGC-JNPT	18/06/2012	15.47	18/06/2012	18.25	Replacement of Tripping and Closing Coil of breaker at JNPT
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Deepnagar-Waluj II	12/06/2012	16.00		Continued.	Over Voltage
Bhusawal- Aurangabad	15/06/2012	16.30		Continued.	Over Voltage.
Karad-New Koyna II	17/06/2012	16.56	18/06/2012	10.11	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Mahad-Pasco	17/06/2012	19.05	18/06/2012	00.30	Problem at Mahad.
Badnera - Deoli (PGCIL)	17/06/2012	20.37	17/06/2012	21.10	Distance Protection.
Dhule-Chalisingaon	18/06/2012	10.35		Continued.	To control Dhule ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV,315 MVA ICT-I At Lonikand.	18/06/2012	11.10	18/06/2012	16.06	Tripped on NDR
400/220KV 315 MVA ICT-I @ Talangade	18/06/2012	20.37	18/06/2012	20.43	Loss of SF6
Voltage Level : 220KV			Outage Type TRIPPED		
220/6.6 KV 40 MVA	13/06/2012	12.40		Continued.	Bus Duct P.M work & Oil filtration work.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2012

Position as on 6.30 Hrs of 18/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Station T/F- I @ Kaparkheda					(8 days).
Chinchwad - Telco	17/06/2012	05:14	17/06/2012	05:52	Distance Protection.
Chinchwad - Chakan	17/06/2012	05:23	17/06/2012	05:39	Distance Protection.
220/132 KV 200 MVA T/F- I @ Boiser	17/06/2012	13.28	17/06/2012	17.05	Diff.protection.
Khaparkheda-Kawlewada-II	17/06/2012	16.51	17/06/2012	17.08	Distance Protection.
Pusad-Nanded	18/06/2012	03.02	18/06/2012	03.13	Distance Protection
220/132 KV 100 MVA ICT @ Gadchiroli	18/06/2012	15.31		Continued.	Differential Protection operated
Voltage Level : 132KV			Outage Type TRIPPED		
Boiser - Viraj	17/06/2012	13.48	17/06/2012	18.49	Distance Protection.
Viraj-Jindal	17/06/2012	13.48	17/06/2012	19.02	Distance Protection.
Paras-Malkapur	17/06/2012	19.51	17/06/2012	20.09	Distance Protection.
Akola - Paras-II	18/06/2012	01.00	18/06/2012	01.18	Distance Protection
Voltage Level : 100KV			Outage Type TRIPPED		
Chinchwad - Talegaon	17/06/2012	04:24	17/06/2012	04:49	Distance Protection.
Chinchwad - Talegaon	17/06/2012	05:23	17/06/2012	05:44	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	100
Unit 6	210	100
Unit 7	210	0
	620	200
Bhusawal		
Unit 2	210	160
Unit 3	210	180
Unit 4	500	0
Unit 5	500	0
	1420	340
Parli		
Unit 3	210	185
Unit 4	210	0
Unit 5	210	155
Unit 6	250	185
Unit 7	250	160
	1130	685
Chandrapur		
Unit 1	210	150
Unit 2	210	0
Unit 3	210	170
Unit 4	210	190
Unit 5	500	400
Unit 6	500	225
Unit 7	500	350
	2340	1485
Paras		
Unit 3	250	0
Unit 4	250	0
	500	0
Khaparkheda		
Unit 1	210	200
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	0
	1340	620
Nasik		
Unit 3	210	210
Unit 4	210	150
Unit 5	210	190
	630	550
Uran		
All Units	852	620
	852	620
PENCH (MS)		
Pench (MS)	53	0
	53	0
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		
KDPH	40	28
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	9
BHANDARDRA	45	8
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	195
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	1100
WARDHA	405	325
Other CPPs	0	
	1005	1425
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4423
	3455	4423