



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

State Load Dispatch Center, Airoli

Daily system Report

for

19/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 19/Jun/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.658	2109.325	1) Madhya Pradesh	64.401	1130.552
2) Hydro	4.395	152.114	2) Gujrat	0.940	138.062
3) Gas	6.324	193.870	3) Goa	-5.560	-115.349
Total MSGENCO	122.377	2455.309	4) TAPS 1&2 (Inj.)	7.896	149.311
B) OTHERS			5) Pench (Excess)	-0.281	-10.889
1) RGPPL Gas	36.960	687.445	# Total Cent. Sector	67.396	1291.687
2) Wind Generation	28.236	289.363	F) Other Exchanges		
3) CPP	24.712	497.928	1) With TPCL (Excess)	-10.198	-195.567
4) PENCH (MS)	0.281	10.889	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	16.816	335.987
1) TPCL Thermal	24.102	522.368	Include PX	0.000	0.000
2) TPCL Hydro	0.136	70.931	2) MUMBAI Bilateral	11.447	210.989
TOTAL TPCL	24.238	593.299	Include PX	-0.417	-18.329
3) REL Thermal	12.358	225.970	3) MUMBAI Schedule	11.447	210.989
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	148.118	2857.663	1) MSEDCL	269.764	5037.054
2) Hydro (A2+B3+C2)	4.812	233.934	2) TPCL	30.332	673.216
3) Gas (A3+B1)	43.284	881.315	3) REL	16.464	341.619
4) Wind (B2)	28.236	289.363	TOTAL STATE	316.560	6051.889
5) CPP (B3)	24.712	497.928			
TOTAL STATE	249.162	4760.203			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4759	4680	4607
MSGENCO Hydro	197	582	84
MSGENCO Gas	298	267	247
MSGENCO Total Generation	5254	5529	4938
Central Sector Receipt	3039	2781	2496
RGPPL	1590	1570	1450
WIND	1298	1207	1102
CPP	1044	1021	992
Exchange with Mumbai	-463	-600	-289
MSEDCL DEMAND MET	11762	11551	10689
Load Shedding (LS)	68	65	68
MSEDCL DEMAND (INCL. LS)	11830	11616	10757
TPCL GENERATION	1032	1075	951
REL GENERATION	524	522	524
TPCL+REL DEMAND	2019	2197	1764
STATE DEMAND MET	13781	13748	12453
Load Management (LM)	1539	2948	1322
Total Load Relief (LS+LM)	1607	3013	1390
UNRESTRICTED STATE DEMAND	15388	16761	13843
Frequency (Hz)	50.03	49.94	50.13

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.47 Hz at 09.16 Hrs	49.56 Hz at 00.05 Hrs	50.02	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 19/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.04	60.69	179	105	165
Unit 6	4.05	75.68	180	148	165
Unit 7	4.52	70.84	195	175	185
	12.60	207.21			515
Bhusawal					
Unit 2	3.96	64.93	175	150	170
Unit 3	3.58	77.54	180	0	170
Unit 4		0.00	0	0	
	7.55	142.47			340
Parli					
Unit 3	2.78	44.33	155	77	133
Unit 4	2.44	46.96	120	77	113
Unit 5	2.85	49.67	132	106	124
Unit 6	0.00	53.52	0	0	0
Unit 7	0.00	39.90	0	0	0
	8.08	234.39			370
Chandrapur					
Unit 1	3.55	53.47	163	130	160
Unit 2	3.29	65.45	145	128	140
Unit 3	3.73	53.39	185	105	150
Unit 4	3.93	63.25	178	143	160
Unit 5	9.21	167.06	410	345	350
Unit 6	9.74	168.41	435	331	380
Unit 7	9.82	171.28	429	360	400
	43.26	742.30			1740
Paras					
Unit 3	3.03	88.50	215	93	120
Unit 4	4.91	89.54	254	157	230
	7.93	178.05			350
Khaparkheda					
Unit 1	4.11	85.35	195	150	170
Unit 2	4.09	80.59	182	145	160
Unit 3	4.42	80.16	213	162	160
Unit 4	4.33	94.79	213	150	160
Unit 5		0.00	0	0	
	16.95	340.89			650
Nasik					
Unit 1	1.83	34.66	83	60	90
Unit 2	1.88	30.46	88	38	90
Unit 3	4.06	66.38	180	155	200
Unit 4	3.67	60.29	173	112	180
Unit 5	3.84	72.24	177	132	180
	15.28	264.03			740
Uran					
All Units	6.32	193.87	298	247	240
	6.32	193.87			240
Dabhol					
RGPPL	36.96	687.44	1593	1420	1590
	36.96	687.44			1590
Koyna					
Stage 1-2	1.02	42.91	55	30	600
Stage 4	0.00	35.48	0	0	250
Stage 3	0.42	21.20	160	0	320
	1.45	99.59			1170
Kovna 12&4 Total	1.02	78.39			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.89	12.14	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.28	5.92	41	0	41
RNGR+BHTSA	0.18	4.05	12	1	0
BHANDARDRA	0.48	10.75	24	8	14
ELDARY	0.00	0.00	0	0	0
SMLHY_PTN	0.44	4.97	25	15	20
GHATGHAR	0.68	12.92	225	0	0
	2.95	52.53			136
PENCH (MS)					
Pench (MS)	0.28	10.89	43	0	
	0.28	10.89			
Wind					
MalharPeth	0.90	8.90			
Vankuswadi	2.06	22.08			
ATIT	0.34	8.64			
Kale	0.86	9.21			
Satara	0.73	23.06			
Shirala	0.83	9.27			
K Mahankal	3.64	21.41			
Supa	0.37	4.64			
Vita	3.95	57.77			
Dondaicha	9.60	74.16			
Sakri	1.25	10.76			
Nandurbar	0.89	8.35			
Khandke	1.54	20.42			
Khaparale	1.27	10.70			
	28.24	289.36			
CPP					
JSW_JAIGAD	11.67	279.04	497	449	495
WARDHA	8.45	147.63	362	316	360
Other_CPPs	4.60	71.25			
	24.71	497.93			855
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.52	212.76	490	440	490
Trombay 6	3.60	124.48	150	150	500
Trombay 7A	2.85	54.12	120	117	120
Trombay 7B	1.59	30.05	67	65	60
Trombay 8	4.55	100.96	250	160	250
TATA Hydro	0.14	70.93	57	0	447
	24.24	593.30			1867
REL					
1&2	12.36	225.97	524	459	500
	12.36	225.97			500
Cent Sect					
Share					3102
					3102

MS PG CL	Thermal	111.66	2109.32		4705
	Thml+Gas	117.98	2303.20		4945
	Hydro	4.40	152.11		1306
	Total	122.38	2455.31		6251
State Total		249.16	4760.20		14165

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Jun/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	4551	117	247	4915	1590	1123	1040	3123	2683	-599	-541	10810	1954	10878	2048	14812	49.88
2	4605	80	247	4932	1590	1071	998	2990	2533	-456	-380	10744	1808	10812	1889	14441	50.07
3	4607	84	247	4938	1450	1102	992	2999	2496	-456	-289	10689	1390	10757	1764	13843	50.13
4	4603	79	247	4929	1420	1079	987	2999	2736	-456	-263	10888	1393	10956	1700	13981	50.16
5	4605	84	248	4937	1420	1069	980	2999	2760	-456	-269	10897	1447	10965	1680	14024	50.14
6	4640	84	248	4972	1420	968	1015	2999	2994	-456	-277	11092	1561	11160	1712	14365	50.10
7	4718	85	265	5068	1420	1033	1065	3095	2983	-360	-195	11374	1554	11442	1685	14613	50.07
8	4631	109	270	5010	1420	1031	1063	3095	3062	-360	-246	11340	1558	11408	1714	14612	50.03
9	4625	170	272	5067	1550	1243	1045	3190	2904	-456	-306	11503	1562	11571	1795	14860	50.03
10	4754	216	290	5260	1590	1222	1057	3169	3077	-341	-366	11840	1560	11908	1935	15335	50.16
11	4759	197	298	5254	1590	1298	1044	3247	3039	-436	-463	11762	1607	11830	2019	15388	50.03
12	4707	186	265	5158	1590	1218	1065	3262	2978	-463	-533	11501	1608	11569	2067	15176	49.92
13	4668	167	259	5094	1590	1317	1037	3267	3107	-459	-449	11721	1609	11789	2057	15387	49.99
14	4716	137	260	5113	1590	1023	1036	3247	3040	-459	-452	11375	1609	11443	2013	14997	50.02
15	4669	137	265	5071	1565	1208	1041	3223	2907	-436	-430	11387	1609	11455	2009	15005	49.96
16	4699	143	265	5107	1565	1189	1043	3185	2994	-436	-428	11492	1625	11560	1985	15102	50.04
17	4681	162	267	5110	1575	1458	1053	3176	3082	-436	-407	11871	1657	11936	1960	15488	50.11
18	4687	157	267	5111	1590	1331	1033	3167	2396	-432	-382	11079	1845	11144	1936	14860	50.12
19	4724	159	269	5152	1593	1371	983	3249	2268	-645	-460	10907	2690	10972	1970	15567	50.05
20	4709	238	263	5210	1570	1229	1033	3182	2768	-519	-517	11293	2990	11358	2102	16385	49.89
21	4680	582	267	5529	1570	1207	1021	3247	2781	-585	-600	11551	3013	11616	2197	16761	49.94
22	4686	535	265	5486	1572	1217	1022	3203	2633	-585	-607	11366	3013	11431	2204	16583	49.91
23	4529	321	265	5115	1570	1148	1034	3197	2640	-591	-682	10868	3013	10933	2191	16072	49.91
24	4405	166	268	4839	1560	1081	1025	3097	2536	-569	-656	10415	2682	10480	2162	15259	49.81
MUs	111.6 6	4.40	6.32	122.38	36.96	28.24	24.71	75.61	67.40	-11.45	-10.20	269.76	46.36	271.37	46.79	362.92	50.02

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 19/Jun/2011

Position as on 6.30 Hrs of 20/Jun/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
Parli Unit 6	250	16/06/2011	05.50		Continued.	Annual Overhaul	15/07/2011
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survillence Test	24/06/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Uran Unit B0	120	16/06/2011	01.03		Continued.	R/M work	20/06/2011
Parli Unit 7	250	16/06/2011	19.12		Continued.	No Coal Flow(Conveyor Belt Broken)	20/06/2011
Koradi Unit 5	200	18/06/2011	20.10	19/06/2011	00.03	Low Drum Level.	
Uran Unit 7	108	18/06/2011	22.39	19/06/2011	06.24	Fire At Boiler Duct.	
CPP JSW (J) U2	300	19/06/2011	00.13		Continued.	C W Line Leakage.	20/06/2011
Bhusawal Unit 3	210	19/06/2011	06.58	19/06/2011	08.47	Drum level low.	
CPP WPCL U-3	135	20/06/2011	03.16		Continued.	Maintenance work.	
CPP JSW (J) U3	300	20/06/2011	04.54		Continued.	Electrial fault.	20/06/2011

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jun/2011

Position as on 6.30 Hrs of 20/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	03/06/2011	00.17	19/06/2011	09.47	Over Voltage.
Dhule-Sar'Sarovar - II	18/06/2011	03.52		Continued.	Over Voltage.
Kolhapur - Mapusa - II	18/06/2011	13.08		Continued.	Over Voltage.
Akola - Wardha - II	19/06/2011	22.51		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor on 400 KV Parli - II.	17/06/2011	13.10		Continued.	Oil Filtration Work.
400/220KV,500MVA ICT-III At Kalwa.	19/06/2011	08.05	19/06/2011	17.49	Isolator jumpering work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 20-06-2011.
220/132KV 200MVA ICT-II at Lonand	16/06/2011	08.47		Continued.	Red Hot Spot(Kept on Huming since 16.06.2011)
Kharghar-Nerul	19/06/2011	10.56	19/06/2011	17.34	R.M.Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	10/06/2011	12.12		Continued.	Over Voltage.
Bhusawal- Aurangabad	18/06/2011	21.50	19/06/2011	05.50	Over Voltage.
Lonikand- Koyna Stage IV	19/06/2011	00.52	19/06/2011	07.28	Over Voltage.
Bhusawal- Aurangabad	19/06/2011	18.33		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	20/06/2011	00.45		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Bale-Usmanabad	11/06/2011	16.01		Continued.	To Control Parly ICT Loading.
Babaleshwar - Bhenda	14/06/2011	08.25		Continued.	To control BBLSR ICT loading.
Murud-Bale	19/06/2011	15.33		Continued.	At Bale end,To control Parli ICT loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
220/132 KV 150 MVA ICT @ Bhandara	14/06/2011	21.31		Continued.	OLTC buchholz protection operated.
Murud-Bale	18/06/2011	05.11	19/06/2011	15.33	Charged at Murud End.
New Koyna-Pophali	19/06/2011	04.46	19/06/2011	18.10	Distance Protection.
220 KV Bus Coupler @ New Koyna	19/06/2011	04.46	19/06/2011	05.56	Over Current Earth Fault.
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz.
Karad-Kolhapur - II	20/06/2011	05.46		Continued.	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	160
Unit 7	210	190
	620	520
Bhusawal		
Unit 2	210	170
Unit 3	210	170
Unit 4	0	
	420	340
Parli		
Unit 3	210	120
Unit 4	210	110
Unit 5	210	120
Unit 6	250	0
Unit 7	250	0
	1130	350
Chandrapur		
Unit 1	210	150
Unit 2	210	135
Unit 3	210	160
Unit 4	210	160
Unit 5	500	400
Unit 6	500	410
Unit 7	500	400
	2340	1815
Paras		
Unit 3	250	150
Unit 4	250	230
	500	380
Khaparkheda		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	180
Unit 4	210	160
Unit 5	0	
	840	670
Nasik		
Unit 1	120	44
Unit 2	120	52
Unit 3	210	168
Unit 4	210	162
Unit 5	210	154
	870	580
Uran		
All Units	852	240
	852	240
Dabhol		
RGPP	1940	1590
	1940	1590
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	61
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	41
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
SMLHY_PTN	12	20
GHATGHAR	250	0
	611	138
PENCH (MS)		
Pench (MS)	53	
	53	
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	705
WARDHA	405	285
Other CPPs	0	
	1005	990
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3352
	3455	3352

	19080	14502
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