



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Jun/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	95.809	2963.344	1) Madhya Pradesh	52.404	1533.709
2) Hydro	6.299	202.118	2) Gujrat	18.590	297.603
3) Gas	7.322	256.364	3) Goa	-6.789	-164.080
Total MSGENCO	109.430	3421.826	4) TAPS 1&2 (Inj.)	7.865	212.251
B) OTHERS			5) Pench (Excess)	-0.195	-12.884
1) RGPPL Gas	37.160	977.240	# Total Cent. Sector	71.875	1866.599
2) Wind Generation	27.741	520.173	F) Other Exchanges		
3) CPP	27.450	694.351	1) With TPCL (Excess)	-12.477	-294.568
4) PENCH (MS)	0.195	12.884	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	19.985	489.673
1) TPCL Thermal	26.888	734.835	Include PX	0.000	0.000
2) TPCL Hydro	5.371	108.529	2) MUMBAI Bilateral	13.601	316.314
TOTAL TPCL	32.259	843.364	Include PX	-1.197	-22.531
3) REL Thermal	12.513	325.904	3) MUMBAI Schedule	13.601	316.314
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	135.210	4024.083	1) MSEDCL	261.374	7198.505
2) Hydro (A2+B3+C2)	11.865	323.531	2) TPCL	38.359	970.410
3) Gas (A3+B1)	44.482	1233.604	3) REL	18.891	493.392
4) Wind (B2)	27.741	520.173	TOTAL STATE	318.624	8662.307
5) CPP (B3)	27.450	694.351			
TOTAL STATE	246.748	6795.742			

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	4030	3926	4045
MSGENCO Hydro	225	973	65
MSGENCO Gas	303	305	308
MSGENCO Total Generation	4558	5204	4418
Central Sector Receipt	3455	2984	2169
RGPPL	1587	1596	1470
WIND	1344	1276	1004
CPP	1143	1121	1170
Exchange with Mumbai	-696	-605	-229
MSEDCL DEMAND MET	11391	11613	10002
Load Shedding (LS)	59	56	59
MSEDCL DEMAND (INCL. LS)	11450	11669	10061
TPCL GENERATION	1722	1531	888
REL GENERATION	524	522	519
TPCL+REL DEMAND	2942	2658	1636
STATE DEMAND MET	14333	14271	11638
Load Management (LM)	1458	2854	1477
Total Load Relief (LS+LM)	1517	2910	1536
UNRESTRICTED STATE DEMAND	15850	17181	13174
Frequency (Hz)	49.96	49.72	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 04.01 Hrs	49.39 Hz at 20.05 Hrs	49.94	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 27/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	71.65	0	0	0
Unit 6	3.49	105.54	167	125	140
Unit 7	4.31	105.64	190	165	180
	7.80	282.84			320
Bhusawal					
Unit 2	3.80	96.26	175	135	170
Unit 3	4.12	109.92	185	155	180
Unit 4		0.00	0	0	
	7.92	206.19			350
Parli					
Unit 3	3.12	69.09	143	117	132
Unit 4	0.00	67.37	0	0	0
Unit 5	3.79	73.12	178	132	150
Unit 6	0.00	53.52	0	0	0
Unit 7	5.00	72.36	223	163	220
	11.92	335.46			502
Chandrapur					
Unit 1	3.63	81.70	156	144	160
Unit 2	2.67	80.56	146	87	100
Unit 3	4.28	87.14	195	160	190
Unit 4	4.11	96.00	178	156	180
Unit 5	7.54	239.54	400	260	350
Unit 6	7.90	242.52	410	260	400
Unit 7	8.32	243.46	380	284	350
	38.44	1070.92			1730
Paras					
Unit 3	2.07	114.32	120	75	100
Unit 4	2.47	121.28	121	86	100
	4.54	235.59			200
Khaparkheda					
Unit 1	3.82	114.94	185	145	155
Unit 2	3.93	111.26	173	150	155
Unit 3	4.07	111.92	186	150	155
Unit 4	4.04	126.16	185	151	155
Unit 5		0.00	0	0	
	15.87	464.29			620
Nasik					
Unit 1	0.00	42.54	0	0	0
Unit 2	2.02	45.18	92	77	59
Unit 3	3.50	93.01	160	120	147
Unit 4	0.00	84.84	0	0	0
Unit 5	3.79	102.48	173	138	164
	9.32	368.05			370
Uran					
All Units	7.32	256.36	308	302	300
	7.32	256.36			300
Dabhol					
RGPPL	37.16	977.24	1597	1466	1560
	37.16	977.24			1560
Koyna					
Stage 1-2	1.58	56.86	250	40	600
Stage 4	0.64	40.32	331	0	250
Stage 3	0.85	28.14	146	0	320
	3.08	125.32			1170
Kovna 12&4 Total	2.23	97.18			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	1.08	19.11	61	0	60
TILLARI	0.70	3.43	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.34	9.22	41	0	40
RNGR+BHTSA	0.14	5.93	10	2	0
BHANDARDRA	0.00	10.85	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.18	8.16	14	5	19
GHATGHAR	0.78	18.33	250	0	0
	3.22	76.80			179
PENCH (MS)					
Pench (MS)	0.20	12.88	49	0	
	0.20	12.88			
Wind					
MalharPeth	1.82	16.49			
Vankuswadi	1.92	41.24			
ATIT	0.88	11.74			
Kale	0.84	15.11			
Satara	1.01	40.06			
Shirala	1.25	15.96			
K Mahankal	1.63	33.61			
Supa	0.32	7.73			
Vita	3.92	88.21			
Dondaicha	9.64	154.97			
Sakri	1.42	22.16			
Nandurbar	0.57	17.08			
Khandke	1.23	34.47			
Khaparale	1.28	21.35			
	27.74	520.17			
CPP					
JSW JAIGAD	15.71	383.52	694	587	730
WARDHA	7.09	202.46	311	275	310
Other CPPs	4.65	108.38			
	27.45	694.35			1040
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.35	303.92	490	400	490
Trombay 6	6.70	174.62	470	150	500
Trombay 7A	2.84	76.75	120	117	120
Trombay 7B	1.58	42.66	66	65	60
Trombay 8	4.42	136.88	210	155	205
TATA Hydro	5.37	108.53	387	0	447
	32.26	843.36			1822
REL					
1&2	12.51	325.90	526	515	500
	12.51	325.90			500
Cent Sect					
Share					2858
					2858

MS PG CL	Thermal	95.81	2963.34			4092
	Thml+Gas	103.13	3219.71			4392
	Hydro	6.30	202.12			1349
	Total	109.43	3421.83			5741
State Total		246.75	6795.74			13521

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	4095	125	306	4526	1560	1069	1152	2930	2500	-656	-494	10313	1694	10372	1990	13997	50.02
2	4096	60	306	4462	1470	1100	1171	2813	2429	-527	-362	10270	1568	10329	1817	13655	50.03
3	4047	60	306	4413	1471	1057	1173	2762	2288	-474	-283	10119	1489	10178	1711	13319	50.07
4	4078	55	306	4439	1471	1125	1171	2715	2090	-425	-258	10038	1500	10097	1664	13202	50.21
5	4045	65	308	4418	1470	1004	1170	2726	2169	-403	-229	10002	1536	10061	1636	13174	50.09
6	4021	55	306	4382	1469	998	1173	2678	2811	-386	-278	10555	1664	10614	1698	13917	49.93
7	3974	55	307	4336	1468	1001	1194	2870	3240	-385	-319	10920	1670	10979	1800	14390	50.00
8	4065	123	305	4493	1466	986	1199	2903	3346	-418	-411	11079	1670	11138	1931	14680	49.94
9	4042	244	306	4592	1570	1020	1201	2961	3420	-476	-508	11295	1670	11354	2247	15212	49.93
10	4071	307	307	4685	1597	1056	1184	3021	3312	-508	-545	11289	1655	11348	2639	15583	50.03
11	4090	236	305	4631	1591	1186	1182	3113	3301	-609	-672	11219	1554	11278	2880	15653	49.98
12	4030	225	303	4558	1587	1344	1143	3179	3455	-669	-696	11391	1517	11450	2942	15850	49.96
13	3996	238	306	4540	1583	1043	1139	3194	3197	-641	-668	10834	1517	10893	2916	15267	49.90
14	3987	273	305	4565	1582	1256	1100	3145	3257	-603	-606	11154	1517	11213	2822	15493	49.92
15	3985	193	302	4480	1578	1262	1117	3140	3299	-620	-624	11112	1524	11171	2864	15500	49.80
16	3963	163	304	4430	1584	1320	1153	3145	3208	-636	-648	11047	1523	11106	2903	15473	49.92
17	3909	158	305	4372	1594	1307	1156	3127	3543	-620	-634	11338	1555	11394	2872	15765	50.01
18	3909	186	306	4401	1473	1317	1133	3103	2965	-583	-570	10719	1755	10775	2798	15272	50.06
19	3890	243	307	4440	1596	1313	1090	2893	2946	-598	-551	10834	2629	10890	2697	16160	49.98
20	3926	973	305	5204	1596	1276	1121	2884	2984	-626	-605	11613	2910	11669	2658	17181	49.72
21	3992	1004	303	5299	1596	1271	1100	2971	2904	-708	-600	11619	2930	11675	2607	17156	49.76
22	3951	705	303	4959	1596	1163	1079	2999	3004	-730	-629	11221	2930	11277	2471	16622	49.77
23	3883	378	302	4563	1596	1123	1076	2945	3203	-655	-623	10986	2930	11042	2380	16296	49.79
24	3755	175	303	4233	1596	1144	1073	2950	3004	-646	-664	10398	2663	10454	2306	15367	49.84
MUs	95.80	6.30	7.32	109.42	37.16	27.74	27.45	71.17	71.88	-13.60	-12.48	261.36	45.57	262.76	57.25	364.18	49.94

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 27/Jun/2011

Position as on 6.30 Hrs of 28/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.	22/07/2011
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.	Survilence Test	30/06/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	10/08/2011
Uran Unit B0	120	16/06/2011	01.03		Continued.	R/M work	28/06/2011
CPP WPCL U-3	135	20/06/2011	03.16		Continued.	Maintenance work.	
Koradi Unit 5	200	22/06/2011	21.58		Continued.	Boiler Tube Leakage	28/06/2011
Nasik Unit 1	125	25/06/2011	04.35		Continued.	Boiler Tube Leakage.	28/06/2011
Uran Unit A0	120	25/06/2011	10.40		Continued.	Cable Damaged.	28/06/2011
Nasik Unit 4	210	26/06/2011	11.55		Continued.	Bottom Ash hopper heavy.	
Parli Unit 4	210	26/06/2011	22.35		Continued.	CVSM Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jun/2011

Position as on 6.30 Hrs of 28/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar - I	27/06/2011	10.25	27/06/2011	20.55	CVT testing work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	22/06/2011	02.15		Continued.	Over Voltage.
Dhule-S'Sarovar I	25/06/2011	21.46		Continued.	Over Voltage.
Kolhapur - Mapusa - I	26/06/2011	21.35	27/06/2011	10.19	Over Voltage.
Kolhapur - Mapusa - II	27/06/2011	22.35		Continued.	Over Voltage.
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/132KV 200MVA ICT-II at Lonand	16/06/2011	08.47		Continued.	Red Hot Spot(Kept on Huming since 16.06.2011)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT.upto 30.07.2011
220/33KV 50 MVA T/F- I @ Jalna	27/06/2011	09.06	27/06/2011	18.55	Q.M.Work
Karad-Mudsingi-IV	27/06/2011	10.03	27/06/2011	12.47	Q.M.Work
Tilawani-Miraj	27/06/2011	10.06	27/06/2011	14.54	Q.M.Work
M.B.Section-II at Akola	27/06/2011	13.45	27/06/2011	18.08	Jumpering work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	25/06/2011	20.27	27/06/2011	09.00	Over Voltage.
Lonikand- Koyna Stage IV	26/06/2011	21.40	27/06/2011	07.22	Over Voltage.
New Koyna-Jaigad II	27/06/2011	11.52	27/06/2011	12.07	Corona ring of B Bus isolator damaged.Charged on 'A'Bus.
Bhusawal- Aurangabad	27/06/2011	20.22	28/06/2011	06.09	Over Voltage.
Lonikand- Koyna Stage IV	27/06/2011	22.30		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.
Murud-Bale	19/06/2011	15.33		Continued.	At Bale end,To control Parli ICT loading.
Talangade-Ichalkaranji I	27/06/2011	11.07	27/06/2011	11.24	To avail outage on Bus-I
Voltage Level : 400KV			Outage Type TRIPPED		
400/6.9KV 80 MVA Stn T/F at Deepnagar.	27/06/2011	17.55	27/06/2011	20.10	REF protection operated.
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)
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Gangapur - Valve - I	26/06/2011	06.00	27/06/2011	02.04	At Loc.18 string clamp broken.
Talandgade-Ichalkaranj -II	27/06/2011	11.11	27/06/2011	12.07	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	140
Unit 7	210	180
	620	320
Bhusawal		
Unit 2	210	160
Unit 3	210	150
Unit 4	0	
	420	310
Parli		
Unit 3	210	140
Unit 4	210	0
Unit 5	210	175
Unit 6	250	0
Unit 7	250	175
	1130	490
Chandrapur		
Unit 1	210	140
Unit 2	210	120
Unit 3	210	190
Unit 4	210	180
Unit 5	500	275
Unit 6	500	280
Unit 7	500	300
	2340	1485
Paras		
Unit 3	250	175
Unit 4	250	140
	500	315
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	150
Unit 4	210	150
Unit 5	0	
	840	600
Nasik		
Unit 1	120	0
Unit 2	120	81
Unit 3	210	98
Unit 4	210	0
Unit 5	210	154
	870	333
Uran		
All Units	852	300
	852	300
Dabhol		
RGPP	1940	1560
	1940	1560
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	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	19
GHATGHAR	250	0
	611	179
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	635
WARDHA	405	310
Other CPPs	0	
	1005	945
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	205
TATA Hydro	444	447
	2024	1822
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3184
	3455	3184

	19080	13513
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