



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Jun/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	102.278	2867.535	1) Madhya Pradesh	46.739	1481.305
2) Hydro	5.062	195.819	2) Gujrat	17.482	279.013
3) Gas	7.338	249.042	3) Goa	-5.964	-157.291
Total MSGENCO	114.678	3312.396	4) TAPS 1&2 (Inj.)	7.876	204.386
B) OTHERS			5) Pench (Excess)	-0.190	-12.689
1) RGPPL Gas	38.199	940.080	# Total Cent. Sector	65.943	1794.724
2) Wind Generation	27.382	492.432	F) Other Exchanges		
3) CPP	27.029	666.901	1) With TPCL (Excess)	-10.534	-282.091
4) PENCH (MS)	0.190	12.689	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	20.702	469.688
1) TPCL Thermal	23.911	707.947	Include PX	0.000	0.000
2) TPCL Hydro	0.381	103.158	2) MUMBAI Bilateral	11.986	302.713
TOTAL TPCL	24.292	811.105	Include PX	0.328	-21.335
3) REL Thermal	12.506	313.391	3) MUMBAI Schedule	11.986	302.713
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	138.695	3888.873	1) MSEDCL	262.887	6937.131
2) Hydro (A2+B3+C2)	5.633	311.666	2) TPCL	30.826	932.051
3) Gas (A3+B1)	45.537	1189.122	3) REL	16.503	474.501
4) Wind (B2)	27.382	492.432	TOTAL STATE	310.216	8343.683
5) CPP (B3)	27.029	666.901			
TOTAL STATE	244.276	6548.994			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4279	4189	4451
MSGENCO Hydro	236	720	60
MSGENCO Gas	305	304	306
MSGENCO Total Generation	4820	5213	4817
Central Sector Receipt	3233	2919	1999
RGPPL	1504	1600	1609
WIND	1114	1090	1112
CPP	1159	1086	1052
Exchange with Mumbai	-469	-613	-323
MSEDCL DEMAND MET	11361	11344	10266
Load Shedding (LS)	92	57	53
MSEDCL DEMAND (INCL. LS)	11453	11401	10319
TPCL GENERATION	1038	1062	921
REL GENERATION	523	523	522
TPCL+REL DEMAND	2030	2198	1766
STATE DEMAND MET	13391	13542	12032
Load Management (LM)	1413	1920	1169
Total Load Relief (LS+LM)	1505	1977	1222
UNRESTRICTED STATE DEMAND	14896	15519	13254
Frequency (Hz)	50.04	49.92	50.14

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.48 Hz at 06.17 Hrs	49.39 Hz at 00.11 Hrs	50.04	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 26/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	4.01	102.05	188	146	175
Unit 7	4.50	101.34	190	180	185
	8.51	275.03			360
Bhusawal					
Unit 2	3.84	92.46	175	140	170
Unit 3	4.34	105.81	195	170	180
Unit 4		0.00	0	0	
	8.18	198.27			350
Parli					
Unit 3	3.18	65.97	163	89	150
Unit 4	1.94	67.37	152	0	140
Unit 5	3.42	69.33	166	117	150
Unit 6	0.00	53.52	0	0	0
Unit 7	5.52	67.36	255	206	220
	14.05	323.55			660
Chandrapur					
Unit 1	3.77	78.07	162	149	160
Unit 2	0.86	77.89	93	0	0
Unit 3	4.30	82.86	191	135	190
Unit 4	4.10	91.89	180	150	180
Unit 5	9.34	232.00	410	350	400
Unit 6	9.47	234.62	430	361	400
Unit 7	9.09	235.14	399	351	390
	40.94	1032.48			1720
Paras					
Unit 3	2.31	112.25	119	88	100
Unit 4	2.24	118.80	100	87	100
	4.55	231.05			200
Khaparkheda					
Unit 1	3.62	111.12	160	145	145
Unit 2	3.57	107.33	155	145	150
Unit 3	3.72	107.85	160	150	150
Unit 4	3.70	122.12	159	150	155
Unit 5		0.00	0	0	
	14.60	448.42			600
Nasik					
Unit 1	0.00	42.54	0	0	0
Unit 2	2.06	43.15	90	78	80
Unit 3	3.72	89.51	165	130	170
Unit 4	1.76	84.84	177	0	150
Unit 5	3.90	98.69	179	147	180
	11.44	358.74			580
Uran					
All Units	7.34	249.04	307	304	300
	7.34	249.04			300
Dabhol					
RGPPL	38.20	940.08	1611	1504	1590
	38.20	940.08			1590
Koyna					
Stage 1-2	0.98	55.27	50	35	600
Stage 4	0.01	39.68	6	0	250
Stage 3	0.67	27.29	240	0	320
	1.66	122.24			1170
Kovna 12&4 Total	0.99	94.95			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	1.01	18.03	61	0	60
TILLARI	0.61	2.73	62	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.37	8.88	41	0	40
RNGR+BHTSA	0.24	5.79	11	10	11
BHANDARDRA	0.00	10.85	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.42	7.98	24	15	0
GHATGHAR	0.75	17.55	250	0	0
	3.40	73.58			171
PENCH (MS)					
Pench (MS)	0.19	12.69	49	0	
	0.19	12.69			
Wind					
MalharPeth	0.88	14.68			
Vankuswadi	2.52	39.32			
ATIT	0.36	10.85			
Kale	0.86	14.27			
Satara	0.79	39.05			
Shirala	0.77	14.71			
K Mahankal	3.44	31.98			
Supa	0.27	7.40			
Vita	4.21	84.29			
Dondaicha	7.85	145.33			
Sakri	1.47	20.74			
Nandurbar	1.08	16.51			
Khandke	1.71	33.24			
Khaparale	1.19	20.07			
	27.38	492.43			
CPP					
JSW JAIGAD	14.58	367.81	643	535	730
WARDHA	7.18	195.36	334	272	310
Other CPPs	5.27	103.73			
	27.03	666.90			1040
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.31	292.56	490	400	490
Trombay 6	3.60	167.92	150	150	500
Trombay 7A	2.85	73.91	121	118	115
Trombay 7B	1.58	41.09	66	65	65
Trombay 8	4.57	132.46	210	150	205
TATA Hydro	0.38	103.16	78	0	447
	24.29	811.10			1822
REL					
1&2	12.51	313.39	524	499	500
	12.51	313.39			500
Cent Sect					
Share					3112
					3112

MS PG CL	Thermal	102.28	2867.54			4470
	Thml+Gas	109.62	3116.58			4770
	Hydro	5.06	195.82			1341
	Total	114.68	3312.40			6111
State Total		244.28	6548.99			14175

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4390	65	306	4761	1600	1317	1086	3023	2592	-618	-540	10816	1738	10869	2096	14650	49.85
2	4395	60	306	4761	1603	1249	1084	2933	2472	-527	-420	10749	1616	10802	1941	14306	49.94
3	4410	65	306	4781	1605	1174	1054	2922	2260	-511	-390	10484	1221	10537	1860	13565	50.05
4	4451	60	306	4817	1609	1112	1052	2877	1999	-466	-323	10266	1222	10319	1766	13254	50.14
5	4402	65	306	4773	1611	1093	1089	2841	2061	-428	-319	10308	1276	10361	1735	13319	50.21
6	4382	75	306	4763	1586	1079	1120	2825	2496	-411	-314	10730	1381	10783	1756	13867	50.15
7	4401	65	305	4771	1589	993	1166	3014	2546	-398	-288	10777	1377	10830	1746	13900	50.28
8	4428	123	307	4858	1596	989	1168	2921	2741	-388	-276	11076	1377	11129	1754	14207	50.16
9	4401	187	305	4893	1604	993	1140	2965	3143	-436	-335	11438	1377	11491	1841	14656	50.12
10	4319	187	305	4811	1508	1045	1105	2958	3140	-424	-376	11233	1447	11311	1950	14630	50.11
11	4279	236	305	4820	1504	1114	1159	3016	3233	-488	-469	11361	1505	11453	2030	14896	50.04
12	4260	232	307	4799	1585	1165	1146	3032	3173	-507	-533	11335	1458	11388	2089	14882	50.05
13	4111	196	306	4613	1588	1170	1131	3041	3184	-483	-553	11133	1457	11186	2064	14654	50.01
14	4153	165	306	4624	1592	1291	1153	3169	2967	-483	-455	11172	1457	11225	2033	14662	50.05
15	4153	165	306	4624	1594	1211	1178	3173	2718	-483	-444	10881	1457	10934	1996	14334	49.97
16	4180	190	306	4676	1601	1296	1157	3091	2687	-483	-413	11004	1396	11057	1968	14368	50.00
17	4151	196	307	4654	1608	1298	1166	3094	2934	-488	-410	11250	1252	11307	1948	14450	50.07
18	4144	227	306	4677	1609	1226	1170	3072	2709	-460	-398	10993	103	11050	1917	13013	50.21
19	4164	236	306	4706	1610	1156	1115	2986	2990	-463	-408	11169	178	11226	1948	13295	50.13
20	4145	544	306	4995	1601	1025	1100	3029	3367	-542	-543	11581	1127	11638	2127	14835	49.93
21	4189	720	304	5213	1600	1090	1086	3108	2919	-624	-613	11344	1977	11401	2198	15519	49.92
22	4191	495	305	4991	1599	1129	1116	3144	2723	-662	-563	11044	1977	11101	2197	15218	49.90
23	4117	331	305	4753	1596	1138	1141	2966	2387	-616	-594	10470	1977	10527	2219	14666	49.85
24	4062	177	305	4544	1601	1029	1147	2822	2503	-596	-557	10274	1963	10331	2153	14390	49.92
MUs	102.28	5.06	7.34	114.68	38.20	27.38	27.03	72.02	65.94	-11.99	-10.53	262.89	33.32	264.26	47.33	343.54	50.04

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 26/Jun/2011

Position as on 6.30 Hrs of 27/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
Chandrapur Unit 2	210	23/06/2011	22.27	26/06/2011	11.56	I D Fan Problem.	
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
Parli Unit 4	210	26/06/2011	11.40	26/06/2011	16.34	Boiler Trip.	
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 26/Jun/2011

Position as on 6.30 Hrs of 27/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	22/06/2011	02.15		Continued.	Over Voltage.
Dhule-S'Sarovar I	25/06/2011	21.46		Continued.	Over Voltage.
Kolhapur-Mapusa-II	25/06/2011	21.48	26/06/2011	19.06	Over Voltage.
Kolhapur - Mapusa - I	26/06/2011	21.35		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
Kalwa - Borivali	26/06/2011	10.30	26/06/2011	14.40	Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	25/06/2011	20.27		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	25/06/2011	22.04	26/06/2011	08.21	Over Voltage.
Lonikand- Koyna Stage IV	26/06/2011	21.40		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.
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.
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz.
Dondaicha - Sahada	26/06/2011	05.19	26/06/2011	10.30	At 220KV Shahada,132KV PT burst.
Gangapur - Valve - I	26/06/2011	06.00	27/06/2011	02.04	At Loc.18 string clamp broken.
Voltage Level : 132KV			Outage Type TRIPPED		
Dondaicha - Dondaicha	26/06/2011	05.50	26/06/2011	06.25	At 220KV Shahada,132KV PT burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/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	170
Unit 3	210	180
Unit 4	0	
	420	350
Parli		
Unit 3	210	132
Unit 4	210	0
Unit 5	210	150
Unit 6	250	0
Unit 7	250	220
	1130	502
Chandrapur		
Unit 1	210	160
Unit 2	210	100
Unit 3	210	190
Unit 4	210	180
Unit 5	500	350
Unit 6	500	400
Unit 7	500	350
	2340	1730
Paras		
Unit 3	250	100
Unit 4	250	100
	500	200
Khaparkheda		
Unit 1	210	155
Unit 2	210	155
Unit 3	210	155
Unit 4	210	155
Unit 5	0	
	840	620
Nasik		
Unit 1	120	0
Unit 2	120	59
Unit 3	210	147
Unit 4	210	0
Unit 5	210	164
	870	370
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	730
WARDHA	405	310
Other CPPs	0	
	1005	1040
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	2858
	3455	2858

	19080	13521
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