



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Jun/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	107.188	2765.257	1) Madhya Pradesh	48.768	1434.566
2) Hydro	4.614	190.757	2) Gujrat	22.493	261.531
3) Gas	7.800	241.704	3) Goa	-5.943	-151.327
Total MSGENCO	119.602	3197.718	4) TAPS 1&2 (Inj.)	7.869	196.510
B) OTHERS			5) Pench (Excess)	-0.190	-12.499
1) RGPPL Gas	33.219	901.881	# Total Cent. Sector	72.997	1728.781
2) Wind Generation	30.690	465.050	F) Other Exchanges		
3) CPP	24.197	639.872	1) With TPCL (Excess)	-12.304	-271.557
4) PENCH (MS)	0.190	12.499	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	19.715	448.986
1) TPCL Thermal	25.843	684.036	Include PX	0.000	0.000
2) TPCL Hydro	4.332	102.777	2) MUMBAI Bilateral	13.718	290.726
TOTAL TPCL	30.175	786.813	Include PX	-1.148	-21.663
3) REL Thermal	12.534	300.885	3) MUMBAI Schedule	13.718	290.726
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	145.565	3750.178	1) MSEDCL	268.591	6674.244
2) Hydro (A2+B3+C2)	9.136	306.033	2) TPCL	36.068	901.225
3) Gas (A3+B1)	41.019	1143.585	3) REL	18.944	457.998
4) Wind (B2)	30.690	465.050	TOTAL STATE	323.603	8033.467
5) CPP (B3)	24.197	639.872			
TOTAL STATE	250.607	6304.718			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4371	4455	4737
MSGENCO Hydro	597	299	61
MSGENCO Gas	304	302	350
MSGENCO Total Generation	5272	5056	5148
Central Sector Receipt	3260	3301	2435
RGPPL	1279	1589	1302
WIND	1348	1328	1228
CPP	945	1085	973
Exchange with Mumbai	-612	-573	-473
MSEDCL DEMAND MET	11492	11833	10613
Load Shedding (LS)	57	61	57
MSEDCL DEMAND (INCL. LS)	11549	11894	10670
TPCL GENERATION	1628	1369	874
REL GENERATION	522	520	523
TPCL+REL DEMAND	2762	2462	1870
STATE DEMAND MET	14254	14295	12483
Load Management (LM)	1501	2591	1346
Total Load Relief (LS+LM)	1558	2652	1403
UNRESTRICTED STATE DEMAND	15812	16947	13886
Frequency (Hz)	49.82	49.78	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 06.06 Hrs	49.23 Hz at 00.12 Hrs	49.89	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 25/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	3.86	98.04	180	134	160
Unit 7	4.50	96.84	195	165	180
	8.36	266.53			340
Bhusawal					
Unit 2	4.02	88.62	175	160	170
Unit 3	4.05	101.46	185	150	180
Unit 4		0.00	0	0	
	8.06	190.08			350
Parli					
Unit 3	3.43	62.79	166	126	137
Unit 4	3.49	65.43	169	112	175
Unit 5	3.15	65.91	149	123	132
Unit 6	0.00	53.52	0	0	0
Unit 7	5.07	61.84	233	175	195
	15.13	309.50			639
Chandrapur					
Unit 1	3.68	74.30	160	149	160
Unit 2	0.00	77.03	0	0	0
Unit 3	4.55	78.56	194	184	190
Unit 4	4.09	87.79	177	155	180
Unit 5	9.91	222.66	440	385	380
Unit 6	10.00	225.15	455	364	450
Unit 7	9.72	226.05	440	366	400
	41.96	991.54			1760
Paras					
Unit 3	2.62	109.94	190	88	100
Unit 4	1.81	116.56	262	0	100
	4.43	226.50			200
Khaparkheda					
Unit 1	3.72	107.50	170	140	170
Unit 2	3.78	103.76	182	141	170
Unit 3	3.97	104.13	185	148	170
Unit 4	3.94	118.42	183	150	170
Unit 5		0.00	0	0	
	15.42	433.82			680
Nasik					
Unit 1	0.28	42.54	71	0	0
Unit 2	1.62	41.09	88	37	81
Unit 3	4.26	85.79	200	150	152
Unit 4	3.63	83.08	189	120	152
Unit 5	4.03	94.79	191	139	162
	13.82	347.29			547
Uran					
All Units	7.80	241.70	353	302	350
	7.80	241.70			350
Dabhol					
RGPPL	33.22	901.88	1599	1276	1590
	33.22	901.88			1590
Koyna					
Stage 1-2	1.52	54.29	215	35	600
Stage 4	0.00	39.67	0	0	250
Stage 3	0.44	26.62	130	0	320
	1.96	120.58			1170
Koyna 12&4 Total	1.52	93.96			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	1.04	17.02	61	0	60
TILLARI	0.18	2.12	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.45	8.51	41	0	42
RNGR+BHTSA	0.24	5.55	11	10	10
BHANDARDRA	0.00	10.85	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY_PTN	0.46	7.55	26	16	10
GHATGHAR	0.28	16.80	125	0	0
	2.66	70.18			182
PENCH (MS)					
Pench (MS)	0.19	12.50	49	0	
	0.19	12.50			
Wind					
MalharPeth	0.86	13.80			
Vankuswadi	2.56	36.80			
ATIT	0.32	10.50			
Kale	0.79	13.41			
Satara	0.76	38.26			
Shirala	0.76	13.94			
K Mahankal	3.65	28.54			
Supa	0.38	7.14			
Vita	3.59	80.08			
Dondaicha	10.85	137.48			
Sakri	1.69	19.27			
Nandurbar	1.26	15.43			
Khandke	1.82	31.53			
Khaparale	1.42	18.88			
	30.69	465.05			
CPP					
JSW_JAIGAD	11.89	353.23	597	391	750
WARDHA	7.28	188.18	315	270	310
Other CPPs	5.03	98.46			
	24.20	639.87			1060
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.22	281.26	490	380	500
Trombay 6	5.57	164.32	400	150	500
Trombay 7A	2.84	71.06	120	117	120
Trombay 7B	1.57	39.51	66	65	60
Trombay 8	4.64	127.89	215	160	250
TATA Hydro	4.33	102.78	382	0	447
	30.18	786.81			1877
REL					
1&2	12.53	300.88	524	520	500
	12.53	300.88			500
Cent Sect					
Share					3040
					3040

MS PG CL	Thermal	107.19	2765.26		4516
	Thml+Gas	114.99	3006.96		4866
	Hydro	4.61	190.76		1352
	Total	119.60	3197.72		6218
State Total		250.61	6304.72		14285

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 25/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	4834	111	350	5295	1285	1230	961	2865	2767	-619	-642	10896	1663	10953	2177	14736	49.63
2	4771	66	350	5187	1295	1212	967	2771	2441	-525	-591	10511	1518	10568	1987	14016	49.81
3	4737	61	350	5148	1302	1228	973	2765	2435	-512	-473	10613	1403	10670	1870	13886	49.97
4	4583	66	350	4999	1304	1231	952	2735	2598	-463	-355	10729	1432	10786	1783	13944	50.06
5	4511	66	352	4929	1301	1193	890	2703	2725	-430	-296	10742	1479	10799	1756	13977	49.93
6	4468	71	349	4888	1304	1255	956	2703	3089	-430	-325	11167	1572	11224	1801	14540	50.02
7	4566	80	351	4997	1306	1136	1050	2893	3111	-409	-310	11290	1570	11347	1807	14667	50.05
8	4600	132	353	5085	1299	1223	1110	2879	3177	-394	-361	11533	1570	11590	1878	14981	50.00
9	4489	172	353	5014	1294	1415	1127	2897	3415	-411	-403	11862	1570	11919	2104	15536	49.95
10	4424	255	353	5032	1293	1372	1129	3098	3371	-513	-511	11686	1603	11743	2420	15709	50.00
11	4397	361	321	5079	1284	1336	920	3242	3345	-631	-578	11386	1585	11443	2665	15636	49.86
12	4371	597	304	5272	1279	1348	945	3317	3260	-659	-612	11492	1558	11549	2762	15812	49.82
13	4356	307	303	4966	1276	1260	952	3302	3368	-642	-606	11216	1553	11273	2768	15537	49.82
14	4307	177	303	4787	1280	1293	945	3301	3609	-637	-548	11366	1553	11423	2664	15583	49.87
15	4380	177	309	4866	1280	1326	992	3303	3278	-631	-527	11215	1555	11272	2639	15409	49.80
16	4342	197	309	4848	1277	1318	950	3237	3347	-631	-529	11211	1463	11268	2593	15267	49.74
17	4321	205	306	4832	1409	1397	954	3228	3295	-604	-527	11360	1411	11421	2542	15313	49.91
18	4346	183	307	4836	1593	1368	923	3196	3027	-556	-521	11226	1525	11287	2485	15236	50.07
19	4357	189	306	4852	1599	1281	1030	3029	2813	-577	-497	11085	2348	11146	2412	15845	49.97
20	4455	299	302	5056	1589	1328	1085	3118	3301	-648	-573	11833	2652	11894	2462	16947	49.78
21	4444	439	304	5187	1587	1290	1113	3197	3018	-730	-655	11589	2662	11650	2513	16764	49.77
22	4422	139	305	4866	1591	1175	1116	3192	2960	-730	-636	11121	2662	11182	2376	16159	49.79
23	4431	127	304	4862	1598	1304	1066	3118	2622	-679	-613	10864	2662	10925	2321	15847	49.90
24	4276	137	306	4719	1594	1171	1091	3017	2625	-655	-615	10598	2417	10659	2228	15243	49.81
MUs	107.19	4.61	7.80	119.60	33.22	30.69	24.20	73.11	73.00	-13.72	-12.30	268.59	42.99	269.99	55.01	366.59	49.89

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 25/Jun/2011

Position as on 6.30 Hrs of 26/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
CPP JSW (J) U2	300	23/06/2011	14.50	25/06/2011	05.03	Electrical system problem	
Chandrapur Unit 2	210	23/06/2011	22.27	26/06/2011	11.56	I D Fan Problem.	
Cent_Sect NTPC(K-3)	210	24/06/2011	03.25	25/06/2011	14.12	Generator Protection Tripped.	
Dabhol 1B	230	24/06/2011	23.10	25/06/2011	13.25	High Exhaust Temp. Spred Problem.	
Dabhol 1X	290	24/06/2011	23.10	25/06/2011	16.13	High Exhaust Temp. Spred Problem.	
Nasik Unit 1	125	25/06/2011	04.35		Continued.	Boiler Tube Leakage.	28/06/2011
Paras Unit 4	250	25/06/2011	08.28	25/06/2011	18.41	Low Drum Level.	
Uran Unit A0	120	25/06/2011	10.40		Continued.	Cable Damaged.	28/06/2011
CPP JSW (J) U3	300	25/06/2011	10.42	25/06/2011	17.19	D C Charge Fault.	
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 25/Jun/2011

Position as on 6.30 Hrs of 26/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-Sar'Sarovar - I	24/06/2011	03.06	25/06/2011	11.43	Over Voltage.
Kolhapur - Mapusa - I	24/06/2011	18.46	25/06/2011	08.19	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
Bhenda-Waluj	25/06/2011	10.54	25/06/2011	16.40	Q.M.Work.
Kalwa - Borivali	26/06/2011	10.30	26/06/2011	14.40	Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	24/06/2011	11.02	25/06/2011	07.15	Over Voltage.
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.
Babaleshwar - Bhenda	14/06/2011	08.25	25/06/2011	10.50	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		
Ambazari - Hingna - I	25/06/2011	10.22	25/06/2011	21.28	Attend Red Hot on Y Ph. CT Side Isolator
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.
Umred - Virangana	25/06/2011	09.08	25/06/2011	11.27	Tripped.
Dondaicha - Sahada	26/06/2011	05.19	26/06/2011	10.30	At 220KV Shahada,132KV PT burst.
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 26/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			VTRNA	60	60
Unit 5	200	0	TILLARI	60	60
Unit 6	210	175	BHTGR/VEER	21	0
Unit 7	210	185	BHIRA T.R.	80	40
	620	360	RNGR+BHTSA	20	11
Bhusawal			BHANDARDRA	45	0
Unit 2	210	170	ELDARY	23	0
Unit 3	210	180	SMLHY_PTN	12	0
Unit 4	0		GHATGHAR	250	0
	420	350		611	171
Parli			PENCH (MS)		
Unit 3	210	150	Pench (MS)	53	
Unit 4	210	140		53	
Unit 5	210	150	Wind		
Unit 6	250	0	MalharPeth	0	
Unit 7	250	220	Vankuswadi	0	
	1130	660	ATIT	0	
Chandrapur			Kale	0	
Unit 1	210	160	Satara	0	
Unit 2	210	0	Shirala	0	
Unit 3	210	190	K Mahankal	0	
Unit 4	210	180	Supa	0	
Unit 5	500	400	Vita	0	
Unit 6	500	400	Dondaicha	0	
Unit 7	500	390	Sakri	0	
	2340	1720	Nandurbar	0	
Paras			Khandke	0	
Unit 3	250	100	Khaparale	0	
Unit 4	250	100		0	
	500	200	CPP		
Khaparkheda			JSW_JAIGAD	600	730
Unit 1	210	145	WARDHA	405	310
Unit 2	210	150	Other CPPs	0	
Unit 3	210	150		1005	1040
Unit 4	210	155	Tata		
Unit 5	0		Trombay 4	150	0
	840	600	Trombay 5	500	490
Nasik			Trombay 6	500	500
Unit 1	120	0	Trombay 7A	120	115
Unit 2	120	80	Trombay 7B	60	65
Unit 3	210	170	Trombay 8	250	205
Unit 4	210	150	TATA Hydro	444	447
Unit 5	210	180		2024	1822
	870	580	REL		
Uran			1&2	500	500
All Units	852	300		500	500
	852	300	Cent Sect		
Dabhol			Share	3455	3112
RGPPL	1940	1590		3455	3112
	1940	1590			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	320			
	1920	1170			
Hydro					
KDPH	40	0			