



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

State Load Dispatch Center, Airoli

Daily system Report

for

28/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 28/Jun/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	90.576	3053.920	1) Madhya Pradesh	60.979	1594.688
2) Hydro	5.199	207.317	2) Gujrat	20.825	318.428
3) Gas	7.499	263.863	3) Goa	-6.604	-170.684
Total MSGENCO	103.274	3525.100	4) TAPS 1&2 (Inj.)	7.848	220.099
B) OTHERS			5) Pench (Excess)	-0.170	-13.054
1) RGPPL Gas	38.312	1015.552	# Total Cent. Sector	82.878	1949.477
2) Wind Generation	27.180	547.353	F) Other Exchanges		
3) CPP	25.974	720.325	1) With TPCL (Excess)	-13.172	-307.740
4) PENCH (MS)	0.170	13.054	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	19.423	509.096
1) TPCL Thermal	26.264	761.099	Include PX	0.000	0.000
2) TPCL Hydro	5.165	113.694	2) MUMBAI Bilateral	15.063	331.131
TOTAL TPCL	31.429	874.793	Include PX	0.247	-22.444
3) REL Thermal	12.550	338.454	3) MUMBAI Schedule	15.063	331.131
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	129.390	4153.473	1) MSEDCL	264.616	7463.121
2) Hydro (A2+B3+C2)	10.534	334.065	2) TPCL	38.217	1008.627
3) Gas (A3+B1)	45.811	1279.415	3) REL	18.934	512.326
4) Wind (B2)	27.180	547.353	TOTAL STATE	321.767	8984.074
5) CPP (B3)	25.974	720.325			
TOTAL STATE	238.889	7034.631			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3683	3915	3822
MSGENCO Hydro	238	590	73
MSGENCO Gas	317	313	307
MSGENCO Total Generation	4238	4818	4202
Central Sector Receipt	4295	3636	2739
RGPPL	1596	1600	1596
WIND	901	1345	1080
CPP	1102	1121	1027
Exchange with Mumbai	-688	-677	-307
MSEDCL DEMAND MET	11444	11885	10337
Load Shedding (LS)	63	54	63
MSEDCL DEMAND (INCL. LS)	11507	11939	10400
TPCL GENERATION	1665	1346	910
REL GENERATION	524	517	523
TPCL+REL DEMAND	2877	2540	1740
STATE DEMAND MET	14321	14425	12077
Load Management (LM)	1556	2829	1278
Total Load Relief (LS+LM)	1619	2883	1341
UNRESTRICTED STATE DEMAND	15940	17308	13418
Frequency (Hz)	50.01	49.78	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 03:25 Hrs	49.47 Hz at 14:16 Hrs	49.97	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 28/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	109.41	175	141	140
Unit 7	4.24	109.88	190	165	180
	8.10	290.93			320
Bhusawal					
Unit 2	3.90	100.17	170	150	160
Unit 3	3.97	113.90	180	150	150
Unit 4	0.00	0.00	0	0	0
	7.88	214.06			310
Parli					
Unit 3	3.33	72.42	169	120	140
Unit 4	0.00	67.37	0	0	0
Unit 5	3.78	76.90	175	123	175
Unit 6	0.00	53.52	0	0	0
Unit 7	4.53	76.89	209	170	175
	11.64	347.10			490
Chandrapur					
Unit 1	3.14	84.84	142	109	140
Unit 2	3.00	83.56	136	107	120
Unit 3	4.04	91.18	192	95	190
Unit 4	3.92	99.92	176	115	180
Unit 5	6.12	245.65	265	235	275
Unit 6	5.90	248.42	285	190	280
Unit 7	5.90	249.36	301	192	300
	32.01	1102.93			1485
Paras					
Unit 3	3.20	117.51	194	81	175
Unit 4	4.38	125.65	224	82	140
	7.57	243.16			315
Khaparkheda					
Unit 1	3.46	118.41	170	105	150
Unit 2	3.76	115.02	168	144	150
Unit 3	3.82	115.73	174	150	150
Unit 4	3.82	129.98	171	150	150
Unit 5	0.00	0.00	0	0	0
	14.86	479.15			600
Nasik					
Unit 1	0.00	42.54	0	0	0
Unit 2	1.98	47.15	88	71	81
Unit 3	3.19	96.20	155	105	98
Unit 4	0.00	84.84	0	0	0
Unit 5	3.36	105.84	147	129	154
	8.52	376.58			333
Uran					
All Units	7.50	263.86	319	305	300
	7.50	263.86			300
Dabhol					
RGPPL	38.31	1015.55	1614	1575	1560
	38.31	1015.55			1560
Koyna					
Stage 1-2	1.10	57.96	60	35	600
Stage 4	0.12	40.45	66	0	250
Stage 3	0.49	28.63	164	0	320
	1.72	127.03			1170
Kovna 12&4 Total	1.23	98.41			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	1.05	20.16	61	0	60
TILLARI	0.77	4.20	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.45	9.67	41	0	40
RNGR+BHTSA	0.06	5.98	3	2	0
BHANDARDRA	0.00	10.85	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.65	8.82	34	24	19
GHATGHAR	0.50	18.83	125	0	0
	3.48	80.28			179
PENCH (MS)					
Pench (MS)	0.17	13.05	47	0	0
	0.17	13.05			0
Wind					
MalharPeth	0.73	17.22			
Vankuswadi	1.50	42.75			
ATIT	0.38	12.11			
Kale	0.93	16.04			
Satara	4.74	44.79			
Shirala	1.01	16.96			
K Mahankal	0.17	33.78			
Supa	0.32	8.05			
Vita	2.93	91.14			
Dondaicha	9.19	164.17			
Sakri	1.11	23.27			
Nandurbar	0.87	17.95			
Khandke	1.86	36.33			
Khaparale	1.44	22.79			
	27.18	547.35			
CPP					
JSW JAIGAD	14.92	398.43	646	592	635
WARDHA	6.90	209.35	307	258	310
Other CPPs	4.16	112.54			
	25.97	720.32			945
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.58	315.49	490	420	490
Trombay 6	5.72	180.34	450	150	500
Trombay 7A	2.86	79.61	120	118	120
Trombay 7B	1.58	44.24	66	65	60
Trombay 8	4.53	141.41	210	150	205
TATA Hydro	5.16	113.69	387	0	447
	31.43	874.79			1822
REL					
1&2	12.55	338.45	525	517	500
	12.55	338.45			500
Cent Sect					
Share					3184
					3184

MS PG CL	Thermal	90.58	3053.92			3853
	Thml+Gas	98.08	3317.78			4153
	Hydro	5.20	207.32			1349
	Total	103.27	3525.10			5502
State Total		238.89	7034.63			13513

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	3818	68	307	4193	1596	1218	1084	3073	2885	-661	-625	10351	1835	10414	2127	14313	49.95
2	3816	68	305	4189	1596	1290	1078	2980	2623	-540	-444	10332	1702	10395	1936	13970	49.98
3	3838	68	305	4211	1596	1281	1041	2946	2559	-517	-336	10352	1280	10415	1825	13457	50.07
4	3828	68	307	4203	1596	1255	1011	2952	2631	-517	-289	10407	1279	10470	1751	13437	50.10
5	3822	73	307	4202	1596	1080	1027	2970	2739	-517	-307	10337	1341	10400	1740	13418	50.08
6	3867	73	307	4247	1596	874	1027	2983	3333	-517	-308	10769	1487	10832	1795	14051	49.92
7	3871	87	306	4264	1596	913	1045	3189	3802	-412	-360	11260	1485	11323	1859	14604	50.01
8	3879	157	314	4350	1596	934	1049	3217	3794	-439	-486	11237	1485	11300	1985	14707	49.96
9	3811	226	313	4350	1596	1070	1066	3282	4075	-475	-543	11614	1485	11677	2285	15384	50.01
10	3677	253	317	4247	1596	916	1069	3340	4300	-517	-613	11515	1493	11578	2656	15664	49.93
11	3683	238	317	4238	1596	901	1102	3443	4295	-694	-688	11444	1619	11507	2877	15940	50.01
12	3611	234	316	4161	1589	962	1110	3343	4192	-717	-729	11285	1580	11348	2970	15835	49.97
13	3632	222	317	4171	1589	935	1111	3296	4092	-717	-644	11254	1580	11317	2836	15670	49.93
14	3637	191	310	4138	1589	1078	1114	3251	3722	-694	-610	11031	1580	11094	2772	15383	49.97
15	3637	286	306	4229	1575	1086	1124	3260	3743	-717	-641	11116	1586	11179	2810	15512	49.77
16	3658	393	319	4370	1585	1056	1111	3254	3539	-717	-642	11019	1584	11082	2795	15398	49.89
17	3653	339	317	4309	1594	1206	1075	3151	3294	-694	-590	10888	1607	10942	2708	15203	50.01
18	3717	245	316	4278	1600	1334	1092	3280	3181	-690	-575	10910	1764	10964	2668	15342	50.06
19	3822	251	315	4388	1601	1238	1095	3169	3053	-742	-546	10829	2603	10883	2598	16030	50.00
20	3942	484	315	4741	1599	1373	1121	3265	3562	-721	-603	11805	2874	11859	2594	17273	49.91
21	3915	590	313	4818	1600	1345	1121	3379	3636	-744	-677	11885	2883	11939	2540	17308	49.78
22	3938	316	318	4572	1610	1308	1124	3384	3562	-744	-686	11537	2883	11591	2470	16890	49.93
23	3783	132	316	4231	1614	1177	1107	3308	3328	-686	-647	10856	2883	10910	2344	16083	49.98
24	3721	137	316	4174	1611	1350	1070	3156	2938	-677	-583	10583	2613	10637	2210	15406	49.98
MUs	90.58	5.20	7.50	103.27	38.31	27.18	25.97	76.87	82.88	-15.06	-13.17	264.62	44.51	266.06	57.15	366.28	49.97

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 28/Jun/2011

Position as on 6.30 Hrs of 29/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	29/06/2011
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	29/06/2011
Nasik Unit 1	125	25/06/2011	04.35		Continued.	Boiler Tube Leakage.	29/06/2011
Uran Unit A0	120	25/06/2011	10.40		Continued.	Cable Damaged.	29/06/2011
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.	
Parli Unit 3	210	29/06/2011	03.10		Continued.	Furnace shaft problem.	30/06/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2011

Position as on 6.30 Hrs of 29/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 - S'Sarovar- II	28/06/2011	09.20		Continued.	CVT Testing,ready for charging at 19.05 Hrs.
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	28/06/2011	09.10	Over Voltage.
Kolhapur - Mapusa - II	27/06/2011	22.35	28/06/2011	16.04	Over Voltage.
Kolhapur - Mapusa - I	28/06/2011	21.56		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
Apta-Uran-III	28/06/2011	09.41	28/06/2011	13.40	Replacement of earth wire.
Bus Coupler at 400KV Kalwa	28/06/2011	10.00	28/06/2011	17.55	To attend hot spot.
Apta-Uran-IV	28/06/2011	10.04	28/06/2011	13.26	Replacement of earth wire.
Vita - Ghatnandre	28/06/2011	10.13	28/06/2011	15.50	To attend hot spot.
Koradi-Ambazari-I	28/06/2011	10.23		Continued.	Transfer of the control panel from existing control panels.
220 KV Main Bus-II @ Ambazari	28/06/2011	11.00		Continued.	Jumpering of newly erected isolator of 220KV Amvt.Ckt.
Vita - Pandharpur	28/06/2011	11.18	28/06/2011	15.47	Due to Bus Outage.
Vita-Maisal	28/06/2011	11.19	28/06/2011	15.47	Due to Bus Outage.
220/33 KV 50 MVA T/F- I @ Vita	28/06/2011	11.20	28/06/2011	15.49	Due to Bus Outage.
Vita - Miraj	28/06/2011	11.20	28/06/2011	15.47	Due to Bus Outage.
220/33 KV 50 MVA T/F II @ Vita	28/06/2011	11.20	28/06/2011	15.50	Due to Bus Outage.
Main Bus @ Vita	28/06/2011	11.30	28/06/2011	15.40	Q.M.Work.
Vita-Karad-I	28/06/2011	11.30	28/06/2011	15.40	Due to Bus Outage.
Vita - Karad II	28/06/2011	11.30	28/06/2011	15.43	Due to Bus Outage.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Ujani-Umarga	28/06/2011	07.00	28/06/2011	18.20	Tower errection work at Loc.NO.40-41.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Dondaicha - Sahada	28/06/2011	17.55		Continued.	To attend R ph.WT jumper.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Amravati - Akola	28/06/2011	09.11	28/06/2011	12.38	Replacement of damaged jumper.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	27/06/2011	20.22	28/06/2011	06.09	Over Voltage.
Lonikand- Koyna Stage IV	27/06/2011	22.30	28/06/2011	07.04	Over Voltage.
Bhusawal- Aurangabad	28/06/2011	21.08		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	28/06/2011	22.32	29/06/2011	6.50	Over voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2011

Position as on 6.30 Hrs of 29/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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)
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Padgha-Jambhul-I	28/06/2011	16.12	28/06/2011	16.54	Distance protection.
Padgha-Jambhul II	28/06/2011	16.12	28/06/2011	16.52	Distance protection.
Bableshtar - Alephata	29/06/2011	01.57	29/06/2011	02.39	Distance protection.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa - Salsette - II	28/06/2011	22.14	29/06/2011	02.57	Tree fall on condensor at Loc.24 and 25.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 29/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	160
Unit 7	210	180
	620	340
Bhusawal		
Unit 2	210	170
Unit 3	210	180
Unit 4	0	0
	420	350
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	150
Unit 6	250	0
Unit 7	250	210
	1130	360
Chandrapur		
Unit 1	210	120
Unit 2	210	110
Unit 3	210	110
Unit 4	210	110
Unit 5	500	275
Unit 6	500	250
Unit 7	500	300
	2340	1275
Paras		
Unit 3	250	200
Unit 4	250	210
	500	410
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	180
Unit 4	210	180
Unit 5	0	0
	840	700
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	150
Unit 4	210	0
Unit 5	210	150
	870	390
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	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	9
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	725
WARDHA	405	295
Other CPPs	0	
	1005	1020
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	3144
	3455	3144