



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Jun/2010 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.975	1484.107	1) Madhya Pradesh	53.641	1188.085
2) Hydro	5.693	148.319	2) Gujrat	23.465	398.068
3) Gas	15.367	291.714	3) Goa	-6.466	-114.643
Total MSGENCO	100.035	1924.140	4) TAPS 1&2 (Inj.)	7.240	130.497
B) OTHERS			5) Pench (Excess)	-0.464	-3.496
1) RGPPL Gas	31.263	653.046	# Total Cent. Sector	77.416	1598.511
2) Wind Generation	7.097	213.803	F) Other Exchanges		
3) CPP	4.899	91.676	1) With TPCL (Excess)	-10.423	-170.567
4) PENCH (MS)	0.464	3.496	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	6.242	160.136
1) TPCL Thermal	25.928	554.995	Include PX	1.656	47.208
2) TPCL Hydro	4.944	49.191	2) MUMBAI Bilateral	11.412	188.641
TOTAL TPCL	30.872	604.186	Include PX	0.000	6.455
3) REL Thermal	12.584	225.359	3) MUMBAI Schedule	11.412	188.641
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	117.487	2264.461	1) MSEDCL	210.751	4314.105
2) Hydro (A2+B3+C2)	11.101	201.006	2) TPCL	34.903	641.330
3) Gas (A3+B1)	46.630	944.760	3) REL	18.973	358.782
4) Wind (B2)	7.097	213.803	TOTAL STATE	264.627	5314.217
5) CPP (B3)	4.899	91.676			
TOTAL STATE	187.214	3715.706			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3289	3159	3388
MSGENCO Hydro	84	832	173
MSGENCO Gas	628	626	661
MSGENCO Total Generation	4001	4617	4222
Central Sector Receipt	2818	3517	3069
RGPPL	1580	977	1579
WIND	309	396	194
CPP	255	183	177
Exchange with TPCL	-627	-407	-248
MSEDCL DEMAND MET	8373	9306	8993
Load Shedding	1435	2382	957
MSEDCL DEMAND (INCL. LS)	9808	11688	9950
TPCL GENERATION	1688	1500	830
REL GENERATION	526	523	526
TPCL+REL DEMAND	2841	2430	1604
STATE DEMAND MET	11214	11736	10597
STATE DEMAND (INCL. LS)	12649	14118	11554
Frequency (Hz)	49.68	49.56	49.85
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2480 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			37.04 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.14 Hz at 12.03 Hrs	48.84 Hz at 21.21 Hrs	49.68	.75 % of Time

* 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 18/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.39	27.71	70	30	73
Unit 2	0.51	13.09	40	0	23
Unit 3	1.55	28.42	76	44	57
Unit 4	1.62	17.30	72	60	66
Unit 5	3.37	40.55	150	130	136
Unit 6	0.82	32.77	197	0	0
Unit 7	3.40	54.22	160	130	161
	12.65	214.05			516
Bhusawal					
Unit 1	0.11	8.10	24	0	0
Unit 2	0.07	47.78	50	0	0
Unit 3	3.80	69.16	165	145	175
	3.98	125.03			175
Parli					
Unit 1	0.23	9.02	24	0	22
Unit 2	0.12	8.98	24	0	22
Unit 3	3.86	75.02	180	120	180
Unit 4	2.01	64.31	95	72	130
Unit 5	2.53	64.32	155	0	170
Unit 6	5.83	91.84	255	204	250
Unit 7	5.04	58.46	252	82	
	19.61	371.94			774
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	4.38	74.25	192	168	200
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
	4.38	74.25			200
Paras					
Unit 2	0.00	7.95	0	0	0
Unit 3	5.73	101.66	250	211	250
Unit 4	0.00	59.99	0	0	
	5.73	169.60			250
Khaparkheda					
Unit 1	4.76	74.72	214	170	200
Unit 2	4.29	62.02	186	153	180
Unit 3	4.54	74.33	200	168	190
Unit 4	4.46	62.52	193	168	150
	18.06	273.58			720
Nasik					
Unit 1	0.00	29.03	3	0	0
Unit 2	2.09	27.37	99	66	85
Unit 3	4.21	78.58	195	145	175
Unit 4	4.06	39.86	186	129	175
Unit 5	4.21	80.80	189	148	175
	14.57	255.64			610
Koyna					
Stage 1-2	1.76	38.90	250	30	600
Stage 4	1.89	52.67	549	0	250
Stage 3	0.79	21.31	192	0	320
	4.44	112.88			1170
Kovna 12&4 Total	3.65	91.57			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.37	291.71	661	619	640
		15.37	291.71			640
Hydro						
KDPH		0.00	3.26	0	0	0
VTRNA		0.00	5.09	0	0	0
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.00	1.29	0	0	0
BHIRA T.R.		0.32	3.10	41	0	40
RNGR+BHTSA		0.07	1.11	3	3	0
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.00	3.90	0	0	2
GHATGHAR		0.85	17.68	125	0	0
		1.25	35.44			42
PENCH (MS)						
Pench (MS)		0.46	3.50	47	0	
		0.46	3.50			
Wind						
MalharPeth		0.34	6.72			
Vankuswadi		0.64	13.68			
ATIT		0.46	5.18			
Kale		0.45	6.04			
Satara		0.65	10.02			
Shirala		0.56	6.25			
K Mahankal		0.20	9.28			
Supa		0.06	2.78			
Vita		1.80	32.96			
Dondaicha		1.24	77.63			
Sakri		0.23	12.64			
Nandurbar		0.19	9.64			
Khadakale		0.21	11.51			
Khaparale		0.08	9.48			
		7.10	213.80			
CPP						
TOTAL CPP		4.90	91.68			
		4.90	91.68			
Dabhol						
RGPPL		31.26	653.05	1585	962	1550
		31.26	653.05			1550
Tata						
Trombay 4		0.09	43.44	60	0	0
Trombay 5		9.52	193.20	475	250	450
Trombay 6		6.62	141.44	490	150	500
Trombay 7A		2.80	51.31	120	110	120
Trombay 7B		1.58	26.92	66	64	60
Trombay 8		5.32	98.69	245	196	250
TATA Hydro		4.94	49.19	438	0	447
		30.87	604.19			1827
REL						
1&2		12.58	225.36	526	523	500
		12.58	225.36			500
Cent Sect						
Share						3583
						3583
MS PG CL	Thermal	78.98	1484.11			3245
	Thml+Gas	94.34	1775.82			3885
	Hydro	5.69	148.32			1212
	Total	100.04	1924.14			5097
State Total		187.21	3715.71			12557

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Jun/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	3285	106	658	4049	1583	218	177	3223	3197	-412	-378	8846	1162	10008	1940	11948	49.78
2	3313	168	656	4137	1579	164	183	3182	3226	-356	-321	8968	1335	10303	1727	12030	49.78
3	3339	173	658	4170	1579	175	168	3088	3211	-292	-266	9037	1206	10243	1632	11875	49.82
4	3388	173	661	4222	1579	194	177	3088	3069	-292	-248	8993	957	9950	1604	11554	49.85
5	3477	173	658	4308	1574	169	185	3055	3065	-292	-240	9061	982	10043	1544	11587	49.70
6	3420	93	656	4169	1575	155	191	3034	3198	-292	-266	9022	1239	10261	1610	11871	49.67
7	3407	48	658	4113	1582	195	205	3154	2774	-260	-230	8639	1508	10147	1723	11870	49.74
8	3389	43	657	4089	1584	217	235	2154	2654	-260	-234	8545	1409	9954	1846	11800	49.78
9	3325	38	652	4015	1584	291	240	3251	2776	-339	-319	8587	1454	10041	2069	12110	49.81
10	3318	64	638	4020	1579	244	241	3676	3185	-646	-620	8649	1433	10082	2433	12515	49.69
11	3332	79	631	4042	1582	258	234	3709	2986	-659	-646	8456	1377	9833	2737	12570	49.71
12	3289	84	628	4001	1580	309	255	3709	2818	-659	-627	8373	1435	9808	2841	12649	49.68
13	3242	52	624	3918	1585	298	201	3701	3085	-659	-604	8530	1468	9998	2801	12799	49.70
14	3219	178	624	4021	984	277	176	3733	3719	-659	-614	8610	1606	10216	2707	12923	49.55
15	3157	178	619	3954	970	301	185	3744	3366	-659	-616	8207	1953	10160	2802	12962	49.38
16	3211	93	627	3931	962	343	175	3733	3323	-659	-626	8155	2358	10513	2781	13294	49.69
17	3263	48	645	3956	968	453	175	3625	3298	-659	-603	8280	2177	10457	2767	13224	49.83
18	3186	73	648	3907	978	410	173	3614	3275	-659	-604	8152	2017	10169	2727	12896	49.74
19	3173	127	638	3938	979	576	174	3299	3401	-462	-417	8651	2190	10841	2528	13369	49.74
20	3159	832	626	4617	977	396	183	3572	3517	-462	-407	9306	2382	11688	2430	14118	49.56
21	3233	888	623	4744	976	350	215	3592	3638	-445	-384	9585	2088	11673	2334	14007	49.46
22	3261	799	624	4684	977	383	231	3592	3638	-445	-386	9574	1840	11414	2227	13641	49.47
23	3269	741	626	4636	980	358	254	3554	3598	-441	-383	9490	1562	11052	2089	13141	49.48
24	3320	442	632	4394	967	363	266	3386	3399	-441	-384	9035	1534	10569	1980	12549	49.61
MUs	78.98	5.69	15.37	100.04	31.26	7.10	4.90	81.47	77.42	-11.41	-10.42	210.75	38.67	249.42	53.88	303.30	49.68

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)

Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 18/Jun/2010

Position as on 6.30 Hrs of 19/Jun/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Chandrapur Unit 6	500	01/04/2010	01.15		Continued.	Annual Overhaul	26/06/2010
Chandrapur Unit 1	210	08/04/2010	08.36		Continued.	Annual Overhaul	30/06/2010
Dabhol 2B	230	15/04/2010	01.40		Continued.	Control System modification work	25/06/2010
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	25/06/2010
Chandrapur Unit 2	210	18/04/2010	21.38		Continued.	Clinker Formation.	30/06/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	30/06/2010
Koyna ST - IV 3	250	11/06/2010	08.00		Continued.	Maintenance work	19/06/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Koradi Unit 2	105	09/06/2010	09.06	18/06/2010	02.43	Wind box red hot.	
Paras Unit 2	55	13/06/2010	17.35		Continued.	Coal Cycle Problem.	20/06/2010
Koradi Unit 6	210	14/06/2010	15.20	18/06/2010	15.07	I D Fan Problem.	
Bhusawal Unit 2	210	15/06/2010	08.55	18/06/2010	22.04	BLR T/L.	
Paras Unit 4	250	15/06/2010	20.55		Continued.	Clinker Formation.	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Nasik Unit 1	125	17/06/2010	03.05	18/06/2010	23.40	Boiler Tube Leakage.	
Tata Trombay 4	150	18/06/2010	01.40		Continued.	Low demand.	
Bhusawal Unit 1	58	18/06/2010	05.10		Continued.	For scraping.	
Parli Unit 2	30	18/06/2010	06.26		Continued.	For Scraping.	
Parli Unit 1	30	18/06/2010	12.11		Continued.	For scraping.	
Dabhol 1B	230	18/06/2010	13.09		Continued.	Unit Differential.	
Dabhol 1A	230	18/06/2010	13.09		Continued.	Unit Differential.	
Dabhol 1X	290	18/06/2010	13.09		Continued.	Unit differential.	
Parli Unit 5	210	18/06/2010	16.50	18/06/2010	21.00	Load variation.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jun/2010

Position as on 6.30 Hrs of 19/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	11/06/2010	04.34		Continued.	Over Voltage
Akola - Aurangabad - II	12/06/2010	23.02		Continued.	Main Breaker Problem at A,Bad end
Kolhapur-Mapusa Ckt I	15/06/2010	22.36		Continued.	H/T For O/V.
Akola - Wardha - II	16/06/2010	14.53		Continued.	H/T due to line loading.
Dhule-S'Sarovar I	17/06/2010	00.15		Continued.	H/T for O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	18/06/2010	17.22		Continued.	Bus Fault at Aurangabad
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of LN at Parli.	13/05/2010	07.58		Continued.	Overhauling of line reactor of Lonikand -I at Parli.
400/11.5 KV 90 MVA Station T/F-IV @ Chandrapur	29/05/2010	10.18		Continued.	Maintainance Work.
400 KV TBC-I at Chandrapur	18/06/2010	07.33		Continued.	Replacement of B Phase CT
Chandrapur-Parli -I	18/06/2010	07.48		Continued.	Replacement of Insulator,ready for charging at 17.41.
Padgha - Chakan	18/06/2010	09.21	18/06/2010	18.57	Bay Maintenance work
M.B.I. at A'bad	18/06/2010	09.28	18/06/2010	17.40	Replacement of Main Bus-I Conductor for Pune-I Bay
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV,100 MVA T/F-II @ Malegaon	08/04/2010	08.55		Continued.	ICT to be Replaced with New 200MVA ICT
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
220/132 KV, 100 MVA - ICT @ Bale.	03/06/2010	13.15		Continued.	Augumentation of ICT by 200MVA ICT
Padgha - Nalasopara	18/06/2010	08.16	18/06/2010	16.51	Q.M.Work
220/100KV 125 MVA ICT-I at Kalwa	18/06/2010	08.32	18/06/2010	15.58	Maintenance work
Padgha-Temghar	18/06/2010	08.48	18/06/2010	18.16	Replacement of Insulator
220/132 KV.200 MVA ICT-II at Boiser.	18/06/2010	09.03	18/06/2010	12.50	R.M.Work
Aurangabad - Padegaon - I.	18/06/2010	10.20	18/06/2010	12.21	Dismantling of Earth Wire
Aurangabad-Padegaon CKT-II	18/06/2010	10.20	18/06/2010	12.20	Dismantling of Earth Wire
Main Bus Section- I at Chikhli	18/06/2010	12.12	18/06/2010	17.18	Maintenance work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT II AT CHAKAN	12/06/2010	13:04		Continued.	'R' phase unit replacement.
Nagothane-Dabhol-I	17/06/2010	11.49		Continued.	Attending hot spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	12/06/2010	13.02	18/06/2010	17.43	Hand Tripped at both end
Karad-Kolhapur CKT I	17/06/2010	23.28		Continued.	H/T for O/V
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5/6.6 KV 70 MVA	25/04/2010	03.59		Continued.	B-Ph,HV bushing burst and caught fire.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jun/2010

Position as on 6.30 Hrs of 19/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Stn.T/F 5B at 400KV Khaparkheda					
Main Bus-II at Aurangabad	18/06/2010	17.22	18/06/2010	17.44	Bus Bar protection operated while charging 400KV Bus-I
Bableshtar-Aurangabad	18/06/2010	17.22	18/06/2010	17.53	Bus Fault at Aurangabad
400/220 KV 315 MVA ICT - I at Aurangabad	18/06/2010	17.22	18/06/2010	17.40	Bus Fault
400/220KV, 315MVA ICT-II at Aurangabad.	18/06/2010	17.22	18/06/2010	17.45	Bus Fault
Bablsr-Padgha Ckt I	19/06/2010	00.38		Continued.	Distance protection
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil tank burst.
Vita - Miraj	17/06/2010	15.15	18/06/2010	01.35	Distance protection.
Lote - Dasturi	18/06/2010	12.12	18/06/2010	13.13	Distance protection
Lote - N.Koyana	18/06/2010	12.12	18/06/2010	13.30	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Kanhan-Pardi	17/06/2010	17.07	18/06/2010	12.50	B PH.burst at Pardi end.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	55
Unit 2	105	50
Unit 3	105	55
Unit 4	105	55
Unit 5	200	110
Unit 6	210	140
Unit 7	210	130
	1040	595
Bhusawal		
Unit 1	58	0
Unit 2	210	100
Unit 3	210	160
	478	260
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	180
Unit 4	210	130
Unit 5	210	150
Unit 6	250	250
Unit 7	250	
	1190	710
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	0
Unit 4	210	190
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	190
Paras		
Unit 2	55	0
Unit 3	250	250
Unit 4	250	
	555	250
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	190
Unit 4	210	190
	840	770
Nasik		
Unit 1	120	95
Unit 2	120	85
Unit 3	210	170
Unit 4	210	175
Unit 5	210	170
	870	695
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	3
GHATGHAR	250	0
	611	43
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	
Khadakale	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	930
	960	930
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3250
	3143	3250

	17376	7 of 7	11820
--	--------------	--------	--------------