



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Jul/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	85.418	1548.490	1) Madhya Pradesh	43.317	852.566
2) Hydro	8.846	234.786	2) Gujrat	27.481	412.743
3) Gas	3.320	168.734	3) Goa	-4.819	-101.172
Total MSGENCO	97.584	1952.010	4) TAPS 1&2 (Inj.)	7.878	139.327
B) OTHERS			5) Pench (Excess)	-0.208	-1.533
1) RGPPL Gas	38.444	692.254	# Total Cent. Sector	73.649	1301.931
2) Wind Generation	20.311	304.605	F) Other Exchanges		
3) CPP	22.363	529.653	1) With TPCL (Excess)	-10.803	-195.560
4) PENCH (MS)	0.208	1.533	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	11.034	235.384
1) TPCL Thermal	23.166	432.721	Include PX	0.000	7.925
2) TPCL Hydro	6.257	95.322	2) MUMBAI Bilateral	11.148	213.889
TOTAL TPCL	29.423	528.043	Include PX	-1.091	-37.661
3) REL Thermal	11.781	211.597	3) MUMBAI Schedule	11.148	215.926
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	120.365	2192.808	1) MSEDCL	241.756	4586.426
2) Hydro (A2+B3+C2)	15.311	331.641	2) TPCL	34.991	625.398
3) Gas (A3+B1)	41.764	860.988	3) REL	17.014	309.739
4) Wind (B2)	20.311	304.605	TOTAL STATE	293.761	5521.563
5) CPP (B3)	22.363	529.653			
TOTAL STATE	220.114	4219.695			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3631	3368	3605
MSGENCO Hydro	371	1148	207
MSGENCO Gas	139	138	139
MSGENCO Total Generation	4141	4654	3951
Central Sector Receipt	3213	3480	2611
RGPPL	1625	1615	1625
WIND	916	812	677
CPP	963	965	870
Exchange with Mumbai	-661	-454	-259
MSEDCL DEMAND MET	10197	11097	9475
Load Shedding (LS)	43	39	43
MSEDCL DEMAND (INCL. LS)	10240	11136	9518
TPCL GENERATION	1543	1416	806
REL GENERATION	526	525	395
TPCL+REL DEMAND	2730	2395	1460
STATE DEMAND MET	12927	13492	10935
Load Management (LM)	1089	2061	1073
Total Load Relief (LS+LM)	1132	2100	1116
UNRESTRICTED STATE DEMAND	14059	15592	12051
Frequency (Hz)	49.92	49.77	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 16.03 Hrs	49.45 Hz at 23.05 Hrs	49.92	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 18/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.26	65.59	150	110	145
Unit 6	3.45	65.50	164	107	145
Unit 7	4.14	63.86	195	150	180
	10.84	194.95			470
Bhusawal					
Unit 2	3.90	47.26	175	130	170
Unit 3	3.76	40.82	180	125	180
Unit 4		0.00	0	0	
	7.66	88.07			350
Parli					
Unit 3	0.00	32.15	0	0	0
Unit 4	2.06	25.94	109	66	110
Unit 5	2.51	41.68	121	87	110
Unit 6	0.00	0.00	0	0	0
Unit 7	3.88	45.36	193	121	180
	8.46	145.14			400
Chandrapur					
Unit 1	3.45	56.70	154	121	145
Unit 2	3.11	48.96	140	120	120
Unit 3	4.04	71.28	183	160	160
Unit 4	4.01	70.64	174	153	170
Unit 5	8.98	159.20	425	350	350
Unit 6	0.00	95.70	0	0	0
Unit 7	0.00	0.00	0	0	0
	23.61	502.48			945
Paras					
Unit 3	3.29	65.97	192	69	180
Unit 4	2.48	70.31	164	52	180
	5.77	136.28			360
Khaparkheda					
Unit 1	4.20	77.01	200	145	210
Unit 2	4.37	75.80	191	169	180
Unit 3	4.68	84.15	210	172	200
Unit 4	5.10	87.78	222	186	210
Unit 5		0.00	0	0	
	18.34	324.74			800
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	3.40	54.30	180	100	180
Unit 4	3.84	45.86	187	122	170
Unit 5	3.50	56.68	186	68	160
	10.74	156.83			510
Uran					
All Units	3.32	168.73	143	133	130
	3.32	168.73			130
Dabhol					
RGPPL	38.44	692.25	1631	1476	1590
	38.44	692.25			1590
Koyna					
Stage 1-2	1.34	58.55	245	35	530
Stage 4	0.19	68.00	116	0	250
Stage 3	2.80	42.50	320	0	320
	4.33	169.05			1100
Kovna 12&4 Total	1.53	126.55			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	11.46	0	0	61
TILLARI	1.22	7.49	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.52	8.43	82	0	80
RNGR+BHTSA	0.06	2.40	3	2	1
BHANDARDRA	0.89	8.28	47	12	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.20	14.42	57	47	27
GHATGHAR	0.63	13.25	250	0	0
	4.52	65.74			259
PENCH (MS)					
Pench (MS)	0.21	1.53	26	0	
	0.21	1.53			
Wind					
MalharPeth	0.89	12.51			
Vankuswadi	2.46	28.72			
ATIT	0.38	9.03			
Kale	0.78	9.22			
Satara	0.80	21.06			
Shirala	1.02	10.51			
K Mahankal	4.35	22.70			
Supa	0.44	3.72			
Vita	5.01	51.40			
Dondaicha	1.33	82.59			
Sakri	0.23	12.65			
Nandurbar	0.10	8.72			
Khandke	1.78	18.58			
Khaparale	0.74	13.20			
	20.31	304.60			
CPP					
JSW JAIGAD	14.39	312.42	630	491	635
WARDHA	4.20	127.61	275	124	280
Other CPPs	3.77	89.63			
	22.36	529.65			915
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.06	178.75	470	450	490
Trombay 6	7.67	110.94	510	150	500
Trombay 7A	2.86	51.06	120	118	120
Trombay 7B	1.58	28.22	67	65	60
Trombay 8	0.00	63.76	0	0	0
TATA Hydro	6.26	95.32	390	10	447
	29.42	528.04			1617
REL					
1&2	11.78	211.60	527	389	500
	11.78	211.60			500
Cent Sect					
Share					3473
					3473

MS PG CL	Thermal	85.42	1548.49			3835
	Thml+Gas	88.74	1717.22			3965
	Hydro	8.85	234.79			1359
	Total	97.58	1952.01			5324
State Total		220.11	4219.70			13419

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Jul/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	3693	158	138	3989	1625	591	915	3247	3107	-439	-341	9886	1243	9929	1703	12832	49.96
2	3705	158	139	4002	1627	780	828	3243	2706	-394	-319	9624	1162	9667	1566	12352	49.97
3	3651	173	138	3962	1622	766	787	3246	2542	-375	-271	9408	1145	9451	1499	12052	49.95
4	3605	207	139	3951	1625	677	870	3246	2611	-389	-259	9475	1116	9518	1460	12051	50.04
5	3675	264	139	4078	1620	691	902	3246	2537	-389	-264	9564	1113	9607	1457	12134	49.96
6	3704	398	139	4241	1615	700	955	3233	2978	-406	-344	10145	1187	10188	1546	12878	49.91
7	3772	403	139	4314	1612	766	967	3136	3162	-409	-409	10412	1185	10455	1689	13286	49.97
8	3742	427	139	4308	1613	832	950	3111	3117	-409	-399	10421	1185	10464	1866	13472	50.02
9	3678	407	139	4224	1615	829	946	3113	3148	-331	-407	10355	1185	10398	2161	13701	49.99
10	3584	422	139	4145	1617	824	947	3214	3261	-327	-532	10262	1165	10305	2481	13908	49.98
11	3629	427	138	4194	1617	879	945	3398	3170	-578	-643	10162	1141	10205	2691	13994	49.98
12	3631	371	139	4141	1625	916	963	3546	3213	-659	-661	10197	1132	10240	2730	14059	49.92
13	3601	241	137	3979	1631	908	952	3310	3299	-640	-674	10095	1131	10138	2706	13932	49.94
14	3557	196	135	3888	1620	858	947	3216	3118	-543	-597	9834	1131	9877	2596	13561	49.93
15	3495	195	138	3828	1603	924	944	3182	3156	-522	-583	9872	1134	9915	2603	13609	49.79
16	3598	190	143	3931	1610	1089	951	3074	2820	-503	-519	9907	1143	9950	2572	13622	49.99
17	3537	251	133	3921	1510	1020	902	3063	2920	-481	-502	9795	1177	9834	2560	13532	49.99
18	3446	326	138	3910	1476	928	932	3243	3088	-777	-529	9829	1304	9868	2546	13679	49.92
19	3435	368	139	3942	1481	873	924	2955	3177	-434	-391	10032	1897	10071	2440	14369	49.88
20	3414	758	139	4311	1612	847	962	3176	3649	-434	-419	10987	2091	11026	2441	15519	49.76
21	3368	1148	138	4654	1615	812	965	3189	3480	-434	-454	11097	2100	11136	2395	15592	49.77
22	3333	747	138	4218	1626	879	968	3193	3372	-434	-449	10639	2100	10678	2257	14996	49.81
23	3298	306	138	3742	1617	1016	973	3050	3211	-434	-443	10141	2100	10180	2111	14352	49.88
24	3267	305	139	3711	1610	906	968	2857	2806	-407	-394	9616	1877	9655	1931	13424	49.82
MUs	85.42	8.85	3.32	97.58	38.44	20.31	22.36	76.49	73.65	-11.15	-10.80	241.76	33.14	242.76	52.01	326.91	49.92

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 18/Jul/2011

Position as on 6.30 Hrs of 19/Jul/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	20/07/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Koyna Unit 4	75	07/07/2011	11:20		Continued.	Runner Replacement Work.	22/07/2011
Parli Unit 3	210	13/07/2011	07.15		Continued.	Coal mill problem.	20/07/2011
CPP WPCL U-2	135	14/07/2011	18:40		Continued.	Maintenance work.	25/07/2011
Tata Trombay 8	250	15/07/2011	01:45		Continued.	AOH	08/08/2011
Cent_Sect NTPC(V-7)	500	18/07/2011	00.03		Continued.	Annual overhaul.	15/08/2011
FORCED OUTAGE							
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
Chandrapur Unit 6	500	12/07/2011	17.24		Continued.	Boiler Tube Leakage.	19/07/2011
Uran Unit 5	108	15/07/2011	10.40		Continued.	Turbine Blade Replacement.	10/08/2011
Uran Unit 6	108	17/07/2011	11.52		Continued.	Stator earth fault.	
Uran Unit A0	120	17/07/2011	11.52		Continued.	Stator earth fault.	
CPP WPCL U-3	135	18/07/2011	01.57	18/07/2011	04.57	Flame Failure	
CPP WPCL U-1	135	18/07/2011	07.03		Continued.	Tripped.	
Nasik Unit 5	210	19/07/2011	00.35	19/07/2011	03.55	Flame Failure.	
Koradi Unit 6	210	19/07/2011	03.31	19/07/2011	06.15	Flame Failure.	
Cent_Sect NTPC(K-5)	500	19/07/2011	11.43		Continued.	Boiler tube leakage.	21/07/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jul/2011

Position as on 6.30 Hrs of 19/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - I	06/07/2011	18.16		Continued.	Over Voltage.
Akola - Aurangabad - I	08/07/2011	20.31		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	15/07/2011	23.37		Continued.	Over Voltage.
Kolhapur - Mapusa - I	16/07/2011	17.33		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	17/07/2011	18.11		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	17/07/2011	21.59	18/07/2011	09.42	Over Voltage.
Karad - Solapur (PGCIL)	18/07/2011	21.40		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	09/07/2011	00.03		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(8 MonthOutage)
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
Koradi-Butibori	15/07/2011	10.37		Continued.	Control Panel Shifting Work.
Pedambe-Kharepatan	18/07/2011	09.00	18/07/2011	17.16	Stringing work.
New Koyna - Pawas	18/07/2011	09.04	18/07/2011	14.28	400KV Jaigad-Karad D/C line crossing work.
Bhusawal-Chalisgaon-I	18/07/2011	09.21		Continued.	Line Isolator Replacement Work.
Shendra-Jalna Ckt.	18/07/2011	10.25	18/07/2011	15.57	Q.M.Work
Dondaicha - Jamde - II.	18/07/2011	15.11	18/07/2011	15.34	Relay testing work.
Dondaicha - Jamde - I	18/07/2011	15.37	18/07/2011	16.05	Relay testing work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kawalewada-Gondia-I	18/07/2011	10.22	18/07/2011	13.24	Disc insulator replacement work.
Kawlewada-Gondia-II	18/07/2011	10.23	18/07/2011	13.26	Disc insulator replacement work.
Chalisgaon - Manmad - I	18/07/2011	12.23	18/07/2011	15.39	Removing of jumpers of CT to transfer Bus.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Ratnagiri - Pedambe	18/07/2011	09.05	18/07/2011	18.05	400KV Jaigad-Karad D/C line crossing work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Boiser-Versova	18/07/2011	06.31	18/07/2011	07.48	Red Hot attending work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	13/07/2011	17.34		Continued.	Over Voltage
Bhusawal- Aurangabad	17/07/2011	18.20		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	17/07/2011	23.06	18/07/2011	07.43	Over Voltage.
Lonikand - Chakan	18/07/2011	10.51	18/07/2011	17.55	O/L of 220KV Chakan-Chinchwad loading.
Lonikand- Koyna Stage IV	18/07/2011	22.35		Continued.	Over Voltage.
Dhule - Babhaleshwar - I	19/07/2011	03.31		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Phursungi - Theur	02/07/2011	19.30		Continued.	To Control Loading.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wrr-Wrd & Wrr-Hgkat

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jul/2011

Position as on 6.30 Hrs of 19/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembaly for Bus Coupler.
400/220 KV 315 MVA ICT-III @ Padgha	18/07/2011	08.51	18/07/2011	09.58	Overload Protection trip.
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).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Bhosari - Chakan	18/07/2011	02.34	18/07/2011	17.50	B Ph C T Burst @ Chakan End.
Kolhapur-Sawantwadi	19/07/2011	01.14		Continued.	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Paras - Warwat Bakal	18/07/2011	14.20	18/07/2011	22.07	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	145
Unit 6	210	0
Unit 7	210	175
	620	320
Bhusawal		
Unit 2	210	170
Unit 3	210	150
Unit 4	0	
	420	320
Parli		
Unit 3	210	0
Unit 4	210	70
Unit 5	210	135
Unit 6	250	0
Unit 7	250	150
	1130	355
Chandrapur		
Unit 1	210	140
Unit 2	210	130
Unit 3	210	150
Unit 4	210	175
Unit 5	500	370
Unit 6	500	0
Unit 7	500	0
	2340	965
Paras		
Unit 3	250	60
Unit 4	250	60
	500	120
Khaparkheda		
Unit 1	210	170
Unit 2	210	145
Unit 3	210	160
Unit 4	210	165
Unit 5	0	
	840	640
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	160
Unit 4	210	170
Unit 5	210	120
	870	450
Uran		
All Units	852	130
	852	130
Dabhol		
RGPP	1940	1590
	1940	1590
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	46
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	199
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	180
Other CPPs	0	
	1005	815
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	2990
	3455	2990