



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Jun/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.916	791.530	1) Madhya Pradesh	55.048	421.889
2) Hydro	18.609	78.737	2) Gujrat	11.585	90.217
3) Gas	7.356	87.907	3) Goa	-6.410	-43.193
Total MSGENCO	138.881	958.174	4) TAPS 1&2 (Inj.)	7.812	54.858
B) OTHERS			5) Pench (Excess)	-0.602	-1.946
1) RGPPL Gas	39.460	223.462	# Total Cent. Sector	67.433	521.825
2) Wind Generation	8.831	48.839	F) Other Exchanges		
3) CPP	24.765	180.232	1) With TPCL (Excess)	-8.640	-73.815
4) PENCH (MS)	0.602	1.946	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.986	130.332
1) TPCL Thermal	28.593	201.232	Include PX	0.000	0.000
2) TPCL Hydro	4.782	29.119	2) MUMBAI Bilateral	10.122	82.641
TOTAL TPCL	33.375	230.351	Include PX	-1.763	1.475
3) REL Thermal	12.537	87.078	3) MUMBAI Schedule	10.122	82.641
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	154.046	1079.840	1) MSEDCL	271.332	1860.663
2) Hydro (A2+B3+C2)	23.993	109.802	2) TPCL	36.346	258.260
3) Gas (A3+B1)	46.816	311.369	3) REL	18.204	132.968
4) Wind (B2)	8.831	48.839	TOTAL STATE	325.882	2251.891
5) CPP (B3)	24.765	180.232			
TOTAL STATE	258.451	1730.082			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4685	5057	4444
MSGENCO Hydro	1089	1153	300
MSGENCO Gas	291	347	264
MSGENCO Total Generation	6065	6557	5008
Central Sector Receipt	3165	2971	2384
RGPPL	1642	1634	1656
WIND	218	413	274
CPP	1059	1059	949
Exchange with Mumbai	-470	-497	-63
MSEDCL DEMAND MET	11726	12162	10231
Load Shedding (LS)	0	0	0
MSEDCL DEMAND (INCL. LS)	11726	12162	10231
TPCL GENERATION	1803	1450	1000
REL GENERATION	523	522	522
TPCL+REL DEMAND	2796	2469	1585
STATE DEMAND MET	14522	14631	11816
Load Management (LM)	1718	2801	1293
Total Load Relief (LS+LM)	1718	2801	1293
UNRESTRICTED STATE DEMAND	16240	17432	13109
Frequency (Hz)	49.64	49.73	49.59

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 08:04 Hrs	49.12 Hz at 01:00 Hrs	49.7	.35 % 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 07/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	19.93	0	0	0
Unit 6	3.83	28.15	182	135	170
Unit 7	4.00	18.94	185	150	180
	7.82	67.02			350
Bhusawal					
Unit 2	3.96	17.37	175	155	170
Unit 3	4.17	30.53	180	170	185
Unit 4	0.00	0.00	0	0	0
	8.13	47.90			355
Parli					
Unit 3	2.97	21.13	146	106	125
Unit 4	3.57	20.13	166	129	150
Unit 5	3.45	17.60	178	117	125
Unit 6	3.94	27.40	216	84	105
Unit 7	3.23	25.93	186	51	80
	17.16	112.20			585
Chandrapur					
Unit 1	3.72	10.98	161	148	160
Unit 2	3.53	26.08	157	137	140
Unit 3	2.29	8.96	181	0	100
Unit 4	3.61	25.87	166	132	160
Unit 5	7.52	67.35	400	285	300
Unit 6	7.52	67.36	390	285	300
Unit 7	7.93	68.35	413	298	325
	36.12	274.95			1485
Paras					
Unit 3	5.28	36.08	238	185	230
Unit 4	5.79	37.50	252	227	230
	11.07	73.58			460
Khaparkheda					
Unit 1	4.68	32.81	200	185	210
Unit 2	4.58	29.10	198	180	210
Unit 3	4.92	33.72	220	190	210
Unit 4	5.17	36.26	221	203	210
Unit 5	0.00	0.00	0	0	0
	19.35	131.88			840
Nasik					
Unit 1	1.81	11.26	84	59	81
Unit 2	1.47	6.96	79	39	81
Unit 3	3.82	16.22	185	100	162
Unit 4	2.62	23.99	155	0	162
Unit 5	3.55	25.58	168	115	162
	13.27	84.00			648
Uran					
All Units	7.36	87.91	388	247	445
	7.36	87.91			445
Dabhol					
RGPPL	39.46	223.46	1674	1616	1570
	39.46	223.46			1570
Koyna					
Stage 1-2	5.32	23.94	565	40	600
Stage 4	8.61	26.87	1043	0	250
Stage 3	2.97	11.18	240	0	320
	16.89	61.98			1170
Kovna 12&4 Total	13.92	50.81			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.08	0.94	14	0	0
VTRNA	0.53	1.20	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.26	1.87	80	0	80
RNGR+BHTSA	0.19	1.74	11	0	0
BHANDARDRA	0.59	4.49	25	24	26
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.07	1.83	9	0	20
GHATGHAR	0.00	4.69	0	0	0
	1.72	16.75			186
PENCH (MS)					
Pench (MS)	0.60	1.95	49	0	0
	0.60	1.95			0
Wind					
MalharPeth	0.09	0.86			
Vankuswadi	0.41	2.60			
ATIT	0.10	0.50			
Kale	0.10	1.36			
Satara	1.43	4.56			
Shirala	0.16	1.65			
K Mahankal	0.06	2.83			
Supa	0.08	0.71			
Vita	2.26	12.55			
Dondaicha	2.94	12.74			
Sakri	0.22	1.78			
Nandurbar	0.50	1.92			
Khandke	0.40	3.17			
Khaparale	0.08	1.58			
	8.83	48.84			
CPP					
JSW JAIGAD	12.98	104.80	559	496	715
WARDHA	8.32	48.04	422	242	380
Other CPPs	3.47	27.39			
	24.76	180.23			1095
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.56	81.80	490	415	490
Trombay 6	7.12	49.68	500	150	500
Trombay 7A	2.84	19.98	121	116	120
Trombay 7B	1.58	11.06	66	65	60
Trombay 8	5.50	38.72	250	150	250
TATA Hydro	4.78	29.12	416	0	447
	33.38	230.35			1867
REL					
1&2	12.54	87.08	524	520	500
	12.54	87.08			500
Cent Sect					
Share					3170
					3170

MS PG CL	Thermal	112.92	791.53		4723
	Thml+Gas	120.27	879.44		5168
	Hydro	18.61	78.74		1356
	Total	138.88	958.17		6524
State Total		258.45	1730.08		14726

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	4394	866	247	5507	1640	414	888	2866	2361	-377	-320	10537	1694	10537	1916	14147	49.47
2	4408	1036	250	5694	1642	299	998	2671	1910	-258	-149	10442	1580	10442	1746	13768	49.42
3	4419	712	255	5386	1657	240	1038	2680	2153	-268	-108	10414	1220	10414	1676	13310	49.66
4	4463	220	250	4933	1666	213	1002	2680	2461	-228	-76	10247	1241	10247	1625	13113	49.80
5	4444	300	264	5008	1656	274	949	2667	2384	-198	-63	10231	1293	10231	1585	13109	49.59
6	4508	818	270	5596	1664	316	978	2654	2318	-198	-99	10773	1417	10773	1659	13849	49.70
7	4637	371	316	5324	1674	450	993	3001	2831	-290	-183	11089	1542	11089	1682	14313	49.85
8	4664	361	306	5331	1673	471	968	3001	3028	-290	-199	11272	1542	11272	1785	14599	49.88
9	4659	486	303	5448	1666	370	1066	2938	2686	-334	-336	10900	1542	10900	2081	14523	49.81
10	4651	743	303	5697	1660	299	1079	3113	3074	-387	-338	11492	1545	11492	2499	15536	49.77
11	4648	692	303	5643	1646	265	1064	3325	3386	-466	-436	11617	1718	11617	2734	16069	49.68
12	4685	1089	291	6065	1642	218	1059	3368	3165	-521	-470	11726	1718	11726	2796	16240	49.64
13	4735	1039	284	6058	1639	275	1098	3379	3059	-543	-481	11669	1721	11669	2789	16179	49.56
14	4781	642	273	5696	1638	270	1055	3318	3536	-521	-458	11757	1721	11757	2709	16187	49.63
15	4774	1523	288	6585	1616	259	1068	3212	3028	-515	-460	12113	1614	12113	2750	16477	49.56
16	4666	1723	333	6722	1618	238	975	3177	2833	-504	-479	11924	1641	11993	2771	16336	49.67
17	4735	1685	333	6753	1624	324	1073	3139	2687	-477	-455	12009	1547	12009	2728	16284	49.72
18	4842	835	341	6018	1627	379	1063	3060	2752	-451	-464	11375	1765	11375	2695	15835	49.81
19	4960	313	346	5619	1635	650	1081	2844	2674	-475	-391	11292	2541	11292	2550	16383	49.91
20	5053	693	348	6094	1630	535	1057	2996	3104	-519	-445	12000	2793	12000	2536	17329	49.75
21	5057	1153	347	6557	1634	413	1059	3036	2971	-557	-497	12162	2801	12162	2469	17432	49.73
22	5035	706	348	6089	1634	612	1021	3044	3020	-557	-552	11857	2801	11857	2351	17009	49.69
23	4897	331	369	5597	1638	567	1069	2984	3077	-596	-592	11399	2801	11399	2249	16449	49.73
24	4801	272	388	5461	1641	480	1064	2942	2935	-596	-589	11035	2518	11035	2171	15724	49.65
MUs	112.9 2	18.61	7.36	138.88	39.46	8.83	24.76	72.10	67.43	-10.12	-8.64	271.33	44.32	271.40	54.55	370.20	49.70

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 07/Jun/2011

Position as on 6.30 Hrs of 08/Jun/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	14/06/2011
Chandrapur Unit 3	210	02/06/2011	15.57	07/06/2011	04.59	Fire Near Boiler.	
Koradi Unit 5	200	06/06/2011	10.10		Continued.	Economiser tube leakage.	08/06/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Uran Unit 5	108	06/06/2011	23.12	07/06/2011	14.51	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Uran Unit A0	120	06/06/2011	23.12	07/06/2011	04.43	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Cent_Sect NTPC(V-4)	210	07/06/2011	01.19		Continued.	Generator Protection operated.	08/06/2011
Cent_Sect NTPC(V-3)	210	07/06/2011	16.45		Continued.	Boiler tube leakage.	10/06/2011
Nasik Unit 4	210	07/06/2011	18.30	07/06/2011	21.37	Stator water resistivity low.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2011

Position as on 6.30 Hrs of 08/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	03/06/2011	00.17		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	05/06/2011	14.30		Continued.	Over Voltage.
Kolhapur - Mapusa - II	06/06/2011	00.01	07/06/2011	10.34	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - I	06/06/2011	18.49		Continued.	Dist.prot,Z-I,B-PH-E.
Voltage Level : 220KV			Outage Type TRIPPED		
BOISER - PGCIL-II	07/06/2011	06.26	07/06/2011	07.05	PDR at Boiser end.and taken on TBC.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT @ Bhusawal	04/06/2011	10.02		Continued.	R Ph. L V Side Bushing Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
220/132KV 100 MVA ICT-I @ Parbhani	21/05/2011	09.10		Continued.	Augmentation from 100 to 200 MVA Upto 6.6.2011.
Mumewadi-Halkarni-II	04/06/2011	10.18		Continued.	Retrofitting & Commissioning of Dist. Protection Scheme.
220KV Bus Coupler at Versova	07/06/2011	06.32	07/06/2011	07.25	Premansoon maintenance work.
220/132 KV 100 MVA T/F - I @ Peth	07/06/2011	09.03	07/06/2011	12.08	R.M.Work
220/132 200 MVA ICT - I @ Harangul	07/06/2011	09.35	07/06/2011	18.35	Q.M.Work
Chandrapur-Warora - I	07/06/2011	09.40		Continued.	To control Warora-Wardha and Warora-Hinganghat Over loading.
Main Bus At Murud	07/06/2011	09.45	07/06/2011	17.15	Q.M.Work
Apta-HOC	07/06/2011	10.00	07/06/2011	18.50	Hot spot and Isolator alignment work.
220/22KV 50MVA T/F - I @ Mahad	07/06/2011	10.15	07/06/2011	12.08	Premansoon maintenance work.
Main Bus - I at Nagothane	07/06/2011	12.07	07/06/2011	15.29	Jumpering of Stub Bus.
Bus Coupler @ Nagothane	07/06/2011	12.07	07/06/2011	15.29	R.M.Work
220/22KV,50 MVA T/F-II at Mahad	07/06/2011	12.15	07/06/2011	12.53	Premansoon maintenance work.
Karad-M'peth	07/06/2011	13.58	07/06/2011	18.20	Y ph.PT replacement.
M'Peth -Vankuswade	07/06/2011	14.35	07/06/2011	17.35	Bus outage at M'peth.
Main Bus at Malharpeth	07/06/2011	14.55	07/06/2011	17.20	Y ph.PT replacement.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Palghar-TSS II	07/06/2011	09.08	07/06/2011	17.20	R and Y Ph. CT replacement.
Ambazari-Manakapur Ckt.II	07/06/2011	10.34	07/06/2011	13.22	Measurement of tan delta of CT.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	06/06/2011	22.37	07/06/2011	07.25	Over Voltage.
Lonikand- Koyna Stage IV	06/06/2011	23.00	07/06/2011	07.29	Over Voltage.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2011

Position as on 6.30 Hrs of 08/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	07/06/2011	23.54		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	01/06/2011	19.42	07/06/2011	16.41	In service for bus coupler breaker testing.
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Uran-ONGC	07/06/2011	20.38	07/06/2011	20.50	Due to sparking on isolator.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
400/132 KV 200 MVA ICT - II @ Bhusawal	08/06/2011	02.19		Continued.	Tripped on buchholz alarm.
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 200 MVA ICT - II @ Theur	05/06/2011	08.05		Continued.	Diff.Protection.
Karad-Pedambe	06/06/2011	18.38	07/06/2011	16.20	Dist.Protection.
Apta-Uran-II	06/06/2011	23.12	07/06/2011	00.01	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.
Apta-Uran-III	06/06/2011	23.12	07/06/2011	00.03	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	180
Unit 7	210	190
	620	370
Bhusawal		
Unit 2	210	170
Unit 3	210	165
Unit 4	0	0
	420	335
Parli		
Unit 3	210	127
Unit 4	210	130
Unit 5	210	180
Unit 6	250	120
Unit 7	250	100
	1130	657
Chandrapur		
Unit 1	210	130
Unit 2	210	150
Unit 3	210	180
Unit 4	210	180
Unit 5	500	350
Unit 6	500	325
Unit 7	500	325
	2340	1640
Paras		
Unit 3	250	230
Unit 4	250	250
	500	480
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	0	0
	840	840
Nasik		
Unit 1	120	86
Unit 2	120	65
Unit 3	210	163
Unit 4	210	152
Unit 5	210	127
	870	593
Uran		
All Units	852	370
	852	370
Dabhol		
RGPP	1940	1550
	1940	1550
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	14

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	25
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	200
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	380
Other CPPs	0	
	1005	1105
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3079
	3455	3079