



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Jun/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.213	2443.968	1) Madhya Pradesh	46.415	1289.515
2) Hydro	5.926	168.563	2) Gujrat	23.890	191.435
3) Gas	8.325	217.178	3) Goa	-6.156	-134.102
Total MSGENCO	124.464	2829.709	4) TAPS 1&2 (Inj.)	7.870	172.919
B) OTHERS			5) Pench (Excess)	-0.288	-11.759
1) RGPPL Gas	36.549	794.842	# Total Cent. Sector	71.731	1508.008
2) Wind Generation	29.530	378.145	F) Other Exchanges		
3) CPP	27.651	569.781	1) With TPCL (Excess)	-12.730	-233.528
4) PENCH (MS)	0.288	11.759	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	21.048	392.346
1) TPCL Thermal	27.078	603.355	Include PX	0.000	0.000
2) TPCL Hydro	5.585	87.197	2) MUMBAI Bilateral	13.730	251.918
TOTAL TPCL	32.663	690.552	Include PX	0.067	-19.934
3) REL Thermal	12.559	263.260	3) MUMBAI Schedule	13.730	251.918
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	149.850	3310.583	1) MSEDCL	277.483	5858.716
2) Hydro (A2+B3+C2)	11.799	267.519	2) TPCL	38.465	787.714
3) Gas (A3+B1)	44.874	1012.020	3) REL	19.483	399.610
4) Wind (B2)	29.530	378.145	TOTAL STATE	335.431	7046.040
5) CPP (B3)	27.651	569.781			
TOTAL STATE	263.704	5538.048			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4392	4564	4848
MSGENCO Hydro	399	694	70
MSGENCO Gas	344	347	355
MSGENCO Total Generation	5135	5605	5273
Central Sector Receipt	3354	3346	2172
RGPPL	1540	1544	1508
WIND	1330	1209	1182
CPP	1150	1239	983
Exchange with Mumbai	-719	-669	-343
MSEDCL DEMAND MET	11815	12299	10775
Load Shedding (LS)	69	58	69
MSEDCL DEMAND (INCL. LS)	11884	12357	10844
TPCL GENERATION	1767	1381	967
REL GENERATION	524	524	522
TPCL+REL DEMAND	3010	2574	1832
STATE DEMAND MET	14825	14873	12607
Load Management (LM)	1557	2611	1215
Total Load Relief (LS+LM)	1626	2669	1284
UNRESTRICTED STATE DEMAND	16451	17542	13891
Frequency (Hz)	49.65	49.70	49.79

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06:04 Hrs	48.87 Hz at 23:12 Hrs	49.67	1.57 % 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 22/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.38	71.65	173	0	150
Unit 6	3.12	86.32	175	0	150
Unit 7	4.27	83.56	185	150	180
	10.77	241.52			480
Bhusawal					
Unit 2	3.91	76.66	170	155	170
Unit 3	4.10	89.34	185	150	180
Unit 4	0.00	0.00	0	0	0
	8.02	165.99			350
Parli					
Unit 3	2.83	53.36	132	100	130
Unit 4	2.80	55.18	155	89	145
Unit 5	2.41	57.40	115	89	115
Unit 6	0.00	53.52	0	0	0
Unit 7	4.32	47.29	216	160	165
	12.36	266.75			555
Chandrapur					
Unit 1	3.35	63.25	154	121	130
Unit 2	2.99	74.15	136	83	115
Unit 3	3.78	65.16	194	87	90
Unit 4	4.17	75.33	182	164	170
Unit 5	8.56	195.32	415	285	400
Unit 6	8.80	197.85	445	305	415
Unit 7	9.26	199.72	430	335	430
	40.90	870.78			1750
Paras					
Unit 3	3.68	99.13	174	120	170
Unit 4	4.68	104.46	231	170	200
	8.36	203.59			370
Khaparkheda					
Unit 1	3.44	97.04	160	95	170
Unit 2	3.96	92.72	175	139	170
Unit 3	4.26	93.30	190	168	190
Unit 4	4.28	107.82	196	166	190
Unit 5	0.00	0.00	0	0	0
	15.94	390.86			720
Nasik					
Unit 1	1.81	40.03	91	48	90
Unit 2	1.91	35.51	91	61	90
Unit 3	2.84	74.50	165	95	130
Unit 4	3.78	71.39	175	134	150
Unit 5	3.52	83.04	172	122	150
	13.86	304.46			610
Uran					
All Units	8.32	217.18	356	343	350
	8.32	217.18			350
Dabhol					
RGPPL	36.55	794.84	1549	1432	1290
	36.55	794.84			1290
Koyna					
Stage 1-2	2.04	47.88	335	35	600
Stage 4	0.19	36.35	102	0	250
Stage 3	1.02	23.44	160	0	320
	3.26	107.67			1170
Kovna 12&4 Total	2.24	84.22			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.62	14.04	61	0	61
TILLARI	0.18	0.24	60	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.47	7.16	41	0	41
RNGR+BHTSA	0.26	4.83	11	10	11
BHANDARDRA	0.00	10.85	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.40	6.28	23	13	9
GHATGHAR	0.75	15.72	250	0	0
	2.67	60.90			122
PENCH (MS)					
Pench (MS)	0.29	11.76	25	0	0
	0.29	11.76			0
Wind					
MalharPeth	0.89	11.43			
Vankuswadi	2.44	30.20			
ATIT	0.33	9.63			
Kale	0.68	11.43			
Satara	3.97	33.39			
Shirala	0.71	11.73			
K Mahankal	0.09	21.77			
Supa	0.43	5.80			
Vita	3.39	69.94			
Dondaicha	10.59	105.12			
Sakri	1.55	15.14			
Nandurbar	1.25	11.70			
Khandke	1.83	26.07			
Khaparale	1.38	14.79			
	29.53	378.14			
CPP					
JSW JAIGAD	15.85	316.87	793	457	725
WARDHA	7.16	168.90	326	263	325
Other CPPs	4.64	84.01			
	27.65	569.78			1050
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.61	247.16	490	425	490
Trombay 6	7.12	144.86	510	150	500
Trombay 7A	2.81	62.59	118	115	120
Trombay 7B	1.58	34.79	66	65	60
Trombay 8	3.96	113.96	240	145	250
TATA Hydro	5.58	87.20	435	0	447
	32.66	690.55			1867
REL					
1&2	12.56	263.26	525	521	500
	12.56	263.26			500
Cent Sect					
Share					3137
					3137

MS PG CL	Thermal	110.21	2443.97		4835
	Thml+Gas	118.54	2661.15		5185
	Hydro	5.93	168.56		1292
	Total	124.46	2829.71		6477
State Total		263.70	5538.05		14321

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	4858	65	356	5279	1505	1220	982	2809	2617	-637	-511	11092	1834	11161	2021	14947	49.39
2	4838	65	354	5257	1506	1248	986	2691	2290	-516	-381	10906	1690	10975	1873	14469	49.62
3	4848	70	355	5273	1508	1182	983	2813	2172	-493	-343	10775	1284	10844	1832	13891	49.79
4	4794	65	347	5206	1494	1189	967	2824	2352	-493	-349	10859	1265	10928	1795	13919	49.71
5	4805	60	344	5209	1456	1196	943	2771	2575	-420	-280	11099	1303	11168	1706	14108	49.72
6	4759	65	347	5171	1432	1235	947	2743	2857	-390	-295	11347	1399	11416	1749	14495	49.56
7	4784	205	346	5335	1487	1063	1152	2945	3028	-389	-317	11748	1400	11817	1825	14973	49.84
8	4756	87	346	5189	1521	1253	1191	2969	3437	-412	-464	12127	1400	12196	1984	15511	49.83
9	4630	125	346	5101	1549	1045	1137	3040	3639	-485	-538	11933	1400	12002	2331	15664	49.85
10	4590	385	346	5321	1544	1143	1138	3189	3482	-457	-574	12054	1464	12123	2550	16068	49.79
11	4452	529	346	5327	1539	1267	1201	3300	3232	-592	-678	11888	1608	11957	2921	16417	49.69
12	4392	399	344	5135	1540	1330	1150	3371	3354	-681	-719	11815	1626	11884	3010	16451	49.65
13	4462	297	344	5103	1534	1266	1168	3369	3012	-676	-618	11489	1623	11558	2899	16011	49.64
14	4479	179	343	5001	1532	1355	1176	3352	2839	-636	-664	11263	1623	11332	2928	15814	49.70
15	4476	116	347	4939	1527	1328	1223	3343	3197	-658	-662	11576	1624	11645	2924	16124	49.55
16	4390	113	344	4847	1531	1331	1261	3231	3410	-658	-612	11792	1529	11861	2892	16213	49.53
17	4415	230	345	4990	1541	1331	1253	3197	2953	-618	-563	11530	1452	11588	2836	15818	49.62
18	4456	232	344	5032	1548	1309	1294	3173	2988	-580	-483	11713	1514	11771	2740	15967	49.75
19	4446	314	346	5106	1549	1285	1264	3069	2813	-584	-542	11500	2306	11558	2710	16516	49.79
20	4487	634	348	5469	1539	1205	1293	3118	3237	-646	-629	12139	2632	12197	2704	17475	49.57
21	4564	694	347	5605	1544	1209	1239	3185	3346	-715	-669	12299	2669	12357	2574	17542	49.70
22	4586	458	345	5389	1540	1137	1249	3197	3336	-726	-651	12025	2669	12083	2465	17159	49.55
23	4493	408	347	5248	1543	1320	1235	3076	2815	-634	-597	11581	2669	11639	2397	16647	49.67
24	4453	131	348	4932	1540	1083	1219	2975	2750	-634	-591	10933	2452	10991	2286	15671	49.58
MUs	110.2 1	5.93	8.32	124.46	36.55	29.53	27.65	73.75	71.73	-13.73	-12.73	277.48	42.44	279.05	57.95	377.87	49.67

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 22/Jun/2011

Position as on 6.30 Hrs of 23/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	24/06/2011
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 B0	120	16/06/2011	01.03		Continued.	R/M work	25/06/2011
CPP JSW (J) U2	300	19/06/2011	00.13	22/06/2011	05.00	C W Line Leakage.	
CPP WPCL U-3	135	20/06/2011	03.16		Continued.	Maintenance work.	
Cent_Sect NTPC(K-3)	210	21/06/2011	11.38	22/06/2011	17:14	Tripped.	
Koradi Unit 6	210	22/06/2011	09.21	22/06/2011	12.05	Tripped, Forward Power control Last	
Koradi Unit 5	200	22/06/2011	21.58		Continued.	Boiler Tube Leakage	25/06/2011
Nasik Unit 1	125	23/06/2011	03.20		Continued.	Chain Exciator problem	
CPP WPCL U-4	135	23/06/2011	04.37		Continued.	Low Drum Level	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2011

Position as on 6.30 Hrs of 23/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		
Karad - Solapur (PGCIL)	22/06/2011	12.19	22/06/2011	19.21	For taking 50 MVAR Reactor in service
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	18/06/2011	03.52		Continued.	Over Voltage.
Kolhapur - Mapusa - I	21/06/2011	21.29	22/06/2011	10.08	Over Voltage.
Akola - Wardha - I	22/06/2011	02.15		Continued.	Over Voltage.
Kolhapur - Mapusa - II	22/06/2011	20.34		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor on 400 KV Parli - II.	17/06/2011	13.10		Continued.	Oil Filtration Work.
400/220KV 315MVA ICT- I @ Chandrapur	22/06/2011	08.11	22/06/2011	17.43	Measurement of Tan Delta and Maint.work
400/132KV 200 MVA ICT- II @ Bhusawal	22/06/2011	09.04	22/06/2011	12.57	Tan Delta measurement
400/220 KV 500 MVA ICT- II at Lamboti	22/06/2011	11.52	22/06/2011	19.10	SFRA Test
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)
Nasik-Raymond	20/06/2011	11.30		Continued.	Taken on TBC.To attend compressor air leakage.
Kandalgaon - ONGC	21/06/2011	08.15	22/06/2011	04.44	Replacement of isolator.
220/132KV,100 MVA ICT- III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT.
Jejuri-Phursungi - I	22/06/2011	08.42	22/06/2011	21.10	Replacement of Faulty Insulator
220/132 KV 200 MVA ICT - III @ Bale	22/06/2011	09.07	22/06/2011	18.44	Q.M.Work
Wardha-Abhijeet I	22/06/2011	09.53	22/06/2011	12.58	Connecting ABT Meter
New Parli -Beed - II	22/06/2011	10.01	22/06/2011	14.00	Premansoon maint. work
Vita - Lamboti	22/06/2011	11.23		Continued.	Erection of New Tower and dismentaling of existing tower
Lamboti - Pandharpur	22/06/2011	12.18	22/06/2011	20.24	Erection of New Tower and dismentaling of existing Tower
Butibori-Abhijeet ckt.	22/06/2011	13.39	22/06/2011	15.21	Utility Meter Instalation
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
New Koyna - Jaigad - II	20/06/2011	18.04		Continued.	taken on TBC.sparking in isolator.
400/132KV 200MVA ICT-I @ Bhusawal	22/06/2011	15.01	22/06/2011	17.07	To attend Oil Leakage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Karad - Vita - I	22/06/2011	09.24	22/06/2011	14.00	Hot Spot
Wardha--Dhamangaon	22/06/2011	14.33	22/06/2011	15.40	For connecting Hot Point of CC to LMU
Apta-Uran-II	22/06/2011	15.8	22/06/2011	20.49	CT replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	21/06/2011	21.24	22/06/2011	05.36	Over Voltage.
Lonikand- Koyna Stage IV	22/06/2011	00.48	22/06/2011	06.38	Over Voltage.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2011

Position as on 6.30 Hrs of 23/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	22/06/2011	21.06	23/06/2011	06.25	Over Voltage
Lonikand- Koyna Stage IV	22/06/2011	22.24		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		Continued.	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		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
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.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	170
Unit 7	210	175
	620	345
Bhusawal		
Unit 2	210	170
Unit 3	210	175
Unit 4	0	
	420	345
Parli		
Unit 3	210	140
Unit 4	210	95
Unit 5	210	105
Unit 6	250	0
Unit 7	250	205
	1130	545
Chandrapur		
Unit 1	210	140
Unit 2	210	130
Unit 3	210	190
Unit 4	210	180
Unit 5	500	300
Unit 6	500	330
Unit 7	500	350
	2340	1620
Paras		
Unit 3	250	170
Unit 4	250	250
	500	420
Khaparkheda		
Unit 1	210	150
Unit 2	210	170
Unit 3	210	160
Unit 4	210	160
Unit 5	0	
	840	640
Nasik		
Unit 1	120	0
Unit 2	120	75
Unit 3	210	130
Unit 4	210	170
Unit 5	210	180
	870	555
Uran		
All Units	852	350
	852	350
Dabhol		
RGPP	1940	1590
	1940	1590
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	61
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	41
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	183
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	730
WARDHA	405	310
Other CPPs	0	
	1005	1040
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	3197
	3455	3197