



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/Jun/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.549	1677.369	1) Madhya Pradesh	52.404	883.144
2) Hydro	3.794	129.944	2) Gujrat	1.001	128.269
3) Gas	10.497	170.226	3) Goa	-5.995	-92.351
Total MSGENCO	128.840	1977.539	4) TAPS 1&2 (Inj.)	7.876	117.810
B) OTHERS			5) Pench (Excess)	-0.701	-7.788
1) RGPPL Gas	38.228	535.310	# Total Cent. Sector	54.585	1029.084
2) Wind Generation	28.076	180.243	F) Other Exchanges		
3) CPP	28.803	395.575	1) With TPCL (Excess)	-9.721	-150.424
4) PENCH (MS)	0.701	7.788	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.504	268.737
1) TPCL Thermal	27.623	418.388	Include PX	0.000	0.000
2) TPCL Hydro	3.741	59.023	2) MUMBAI Bilateral	10.053	165.804
TOTAL TPCL	31.364	477.411	Include PX	-2.622	-13.566
3) REL Thermal	12.534	176.622	3) MUMBAI Schedule	10.053	165.804
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	154.706	2272.379	1) MSEDCL	269.512	3975.115
2) Hydro (A2+B3+C2)	8.236	196.755	2) TPCL	35.547	534.316
3) Gas (A3+B1)	48.725	705.536	3) REL	18.101	270.143
4) Wind (B2)	28.076	180.243	TOTAL STATE	323.160	4779.574
5) CPP (B3)	28.803	395.575			
TOTAL STATE	268.546	3750.488			

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	4796	5065	4484
MSGENCO Hydro	192	444	93
MSGENCO Gas	418	441	450
MSGENCO Total Generation	5406	5950	5027
Central Sector Receipt	2497	2929	1707
RGPPL	1631	1654	1478
WIND	1405	1070	1115
CPP	1239	1195	1220
Exchange with Mumbai	-578	-550	-83
MSEDCL DEMAND MET	11627	12294	10464
Load Shedding (LS)	0	0	0
MSEDCL DEMAND (INCL. LS)	11627	12294	10464
TPCL GENERATION	1717	1336	929
REL GENERATION	524	523	522
TPCL+REL DEMAND	2819	2409	1534
STATE DEMAND MET	14446	14703	11998
Load Management (LM)	1719	0	0
Total Load Relief (LS+LM)	1719	0	0
UNRESTRICTED STATE DEMAND	16165	14703	11998
Frequency (Hz)	50.04	49.87	50.14

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.43 Hz at 18:01 Hrs	49.41 Hz at 21:21 Hrs	50.02	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 15/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.83	45.52	172	148	155
Unit 6	3.40	60.02	162	120	140
Unit 7	4.26	53.54	190	160	175
	11.50	159.08			470
Bhusawal					
Unit 2	3.97	49.33	175	155	170
Unit 3	4.01	62.07	185	140	160
Unit 4	0.00	0.00	0	0	0
	7.98	111.40			330
Parli					
Unit 3	1.35	32.86	103	0	0
Unit 4	2.29	39.16	132	0	90
Unit 5	0.28	38.29	117	0	0
Unit 6	4.02	52.98	228	71	200
Unit 7	4.38	37.47	217	155	180
	12.32	200.76			470
Chandrapur					
Unit 1	2.72	39.44	124	105	120
Unit 2	1.87	52.64	127	0	0
Unit 3	2.92	39.04	180	65	140
Unit 4	3.49	47.90	175	94	100
Unit 5	7.89	134.79	385	285	350
Unit 6	8.24	136.15	390	305	350
Unit 7	8.49	138.55	372	330	400
	35.61	588.52			1460
Paras					
Unit 3	4.96	72.22	220	162	230
Unit 4	5.57	68.92	252	153	230
	10.52	141.15			460
Khaparkheda					
Unit 1	4.73	69.56	210	170	210
Unit 2	4.48	64.37	195	177	210
Unit 3	5.17	63.20	223	198	210
Unit 4	5.30	78.18	224	210	210
Unit 5	0.00	0.00	0	0	0
	19.69	275.31			840
Nasik					
Unit 1	2.09	26.93	93	71	90
Unit 2	2.11	22.44	94	82	90
Unit 3	4.33	50.22	205	150	170
Unit 4	4.14	44.78	198	146	180
Unit 5	4.26	56.76	205	148	170
	16.93	201.13			700
Uran					
All Units	10.50	170.23	453	409	415
	10.50	170.23			415
Dabhol					
RGPPL	38.23	535.31	1655	1478	1570
	38.23	535.31			1570
Koyna					
Stage 1-2	1.02	37.72	55	35	600
Stage 4	0.00	35.48	0	0	250
Stage 3	0.00	17.25	0	0	320
	1.02	90.44			1170
Kovna 12&4 Total	1.02	73.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.93	8.38	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.36	4.44	42	0	40
RNGR+BHTSA	0.18	3.72	10	0	11
BHANDARDRA	0.39	8.76	17	16	19
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.34	3.55	21	11	0
GHATGHAR	0.58	8.88	250	0	0
	2.77	39.50			130
PENCH (MS)					
Pench (MS)	0.70	7.79	49	0	0
	0.70	7.79			0
Wind					
MalharPeth	0.82	5.79			
Vankuswadi	2.17	14.64			
ATIT	0.31	3.64			
Kale	0.69	5.94			
Satara	4.23	20.13			
Shirala	0.66	5.89			
K Mahankal	0.14	10.54			
Supa	0.40	3.17			
Vita	4.16	39.87			
Dondaicha	9.21	40.15			
Sakri	1.38	5.82			
Nandurbar	0.96	5.22			
Khandke	1.72	13.85			
Khaparale	1.24	5.61			
	28.08	180.24			
CPP					
JSW JAIGAD	16.46	225.34	729	613	725
WARDHA	8.19	117.85	385	288	380
Other CPPs	4.15	52.39			
	28.80	395.58			1105
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.78	168.14	490	350	490
Trombay 6	6.88	101.84	450	150	500
Trombay 7A	2.89	42.70	123	119	120
Trombay 7B	1.60	23.70	67	66	60
Trombay 8	5.47	82.00	250	150	250
TATA Hydro	3.74	59.02	365	0	447
	31.36	477.41			1867
REL					
1&2	12.53	176.62	525	506	500
	12.53	176.62			500
Cent Sect					
Share					3063
					3063

MS PG CL	Thermal	114.55	1677.37		4730
	Thml+Gas	125.05	1847.60		5145
	Hydro	3.79	129.94		1300
	Total	128.84	1977.54		6445
State Total		268.55	3750.49		14550

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	4593	113	449	5155	1495	1096	1205	2604	1769	-360	-232	10535	132	10535	1787	12454	49.97
2	4603	83	449	5135	1479	1173	1216	2496	1846	-258	-158	10738	0	10738	1622	12360	50.03
3	4601	78	450	5129	1478	1131	1197	2434	1751	-192	-114	10585	0	10585	1568	12153	50.16
4	4484	93	450	5027	1478	1115	1220	2397	1707	-154	-83	10464	0	10464	1534	11998	50.14
5	4505	78	448	5031	1478	1131	1230	2368	1918	-137	-71	10717	0	10717	1524	12241	50.15
6	4580	78	448	5106	1478	1121	1249	2412	2332	-159	-103	11183	0	11183	1596	12779	50.07
7	4573	88	450	5111	1478	965	1167	2834	2691	-290	-235	11177	193	11177	1709	13079	50.18
8	4645	86	443	5174	1621	918	1159	2850	3168	-328	-353	11687	193	11687	1841	13721	50.14
9	4569	173	436	5178	1655	893	1196	2921	3313	-422	-449	11786	193	11786	2153	14132	50.19
10	4715	194	426	5335	1641	1156	1198	2931	2883	-409	-465	11748	193	11748	2503	14444	50.06
11	4754	188	420	5362	1635	1120	1207	3144	2696	-553	-531	11489	1253	11489	2735	15477	50.03
12	4796	192	418	5406	1631	1405	1239	3192	2497	-561	-578	11627	1719	11627	2819	16165	50.04
13	4779	154	423	5356	1631	1286	1225	3183	2110	-550	-578	11077	1718	11077	2802	15597	50.03
14	4891	129	409	5429	1626	1184	1238	3136	1835	-525	-506	10855	1382	10855	2687	14924	49.99
15	4896	128	417	5441	1616	1409	1233	3043	2066	-520	-543	11270	0	11270	2741	14011	49.77
16	4902	128	424	5454	1633	1355	1205	2876	2030	-520	-569	11155	0	11155	2765	13920	49.90
17	4917	127	413	5457	1637	1334	1210	2849	2166	-496	-587	11264	0	11264	2768	14032	50.03
18	4920	143	447	5510	1642	1249	1173	2879	1818	-469	-528	10911	0	10911	2674	13585	50.10
19	5045	183	453	5681	1643	1273	1185	2754	1850	-483	-454	11226	0	11226	2523	13749	50.10
20	5086	260	448	5794	1655	1101	1204	2990	2677	-527	-514	11964	0	11964	2470	14434	49.92
21	5065	444	441	5950	1654	1070	1195	3075	2929	-588	-550	12294	0	12294	2409	14703	49.87
22	4984	350	448	5782	1653	1257	1127	3064	2584	-577	-543	11906	0	11906	2264	14170	49.87
23	4868	227	444	5539	1650	1192	1131	2943	2267	-566	-579	11248	0	11248	2142	13390	49.97
24	4778	77	443	5298	1641	1142	1194	2683	1682	-410	-398	10606	0	10606	1983	12589	49.87
MUs	114.5 5	3.79	10.50	128.84	38.23	28.08	28.80	68.06	54.58	-10.05	-9.72	269.51	6.98	269.51	53.62	330.11	50.02

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 15/Jun/2011

Position as on 6.30 Hrs of 16/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.	20/07/2011
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.	
Parli Unit 3	210	11/06/2011	12.21	15/06/2011	07.40	Cooling Tower Pipe Leakage.	
Parli Unit 5	210	13/06/2011	20.48	15/06/2011	19.24	Air Heater problem.	
Chandrapur Unit 2	210	15/06/2011	02.49	15/06/2011	09.04	Furnace pressure high.	
Parli Unit 4	210	15/06/2011	22.38		Continued.	Steam Line Leakage	17/06/2011
CPP WPCL U-2	135	16/06/2011	00.52		Continued.	Maint.work	
Uran Unit 7	108	16/06/2011	01.03		Continued.	R.M.Work	17/06/2011
Uran Unit B0	120	16/06/2011	01.03		Continued.	R/M work	17/06/2011
Uran Unit 6	108	16/06/2011	01.31	16/06/2011	04.51	Tripped on Boiler Problem	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jun/2011

Position as on 6.30 Hrs of 16/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus-II at Pune(PG) Talegaon.	13/06/2011	11.00	15/06/2011	12.28	Bus Bar testing work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	03/06/2011	00.17		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	13/06/2011	01.35	16/06/2011	06.08	Over Voltage
Kolhapur-Mapusa-II	14/06/2011	22.29	15/06/2011	10.08	Over Voltage.
Kolhapur - Mapusa - I	15/06/2011	22.31		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	16/06/2011	03.42		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT @ Bhusawal	04/06/2011	10.02	15/06/2011	09.35	R Ph. L V Side Bushing Work.Charged from HV side at16.15 Hrs.on 14.06.2011 and kept on humming.
Khaparkheda - Chandrapur	15/06/2011	12.04	15/06/2011	15.03	Commissioning & Testing of New overhead transmission line fault Analyzer system
Dhabhol - Nagothane - I	15/06/2011	16.14	15/06/2011	17.14	Replacement of Wavetrap(Taken on TBC)
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 20-06-2011.
Chandrapur-Warora - I	07/06/2011	09.40	15/06/2011	15.46	To control Warora-Wardha and Warora -Hinganghat Over loading.
Main Bus - II Talangde	13/06/2011	11.41		Continued.	Q.M.Work
220/132 KV 200 MVA ICT-I @ Bale	15/06/2011	08.04	15/06/2011	13.26	Maint.work
220/132 KV100 MVA ICT @ Bhugaon.	15/06/2011	09.35	15/06/2011	15.25	To attend Oil Leakage
Taloja-OCIL-II	15/06/2011	11.10	15/06/2011	16.15	R.M.Work
Chandrapur-Wani	15/06/2011	15.49	15/06/2011	17.40	Signature Analysis test
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE II - CHDPR	15/06/2011	18.14	15/06/2011	20.18	Faulty Analyser kit testing
HVDC POLE II - CHDPR	15/06/2011	22.40	16/06/2011	00.30	Faulty Analyser kit testing
HVDC POLE I -CHDPR	16/06/2011	00.38	16/06/2011	02.17	Fault Analyser kit testing
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Khaperkheda - Wardha.	15/06/2011	18.13		Continued.	Attending PDR prob.of Breaker (CKT on TBC)
Aarey-Borivali-II	16/06/2011	01.00	16/06/2011	05.29	Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	14/06/2011	18.06	15/06/2011	06.21	Over Voltage.
Lonikand- Koyna Stage IV	15/06/2011	04.35	15/06/2011	07.47	Over Voltage.
Lonikand- Koyna Stage IV	15/06/2011	22.46		Continued.	Over Voltage
Bhusawal- Aurangabad	15/06/2011	22.58	16/06/2011	06.05	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jun/2011

Position as on 6.30 Hrs of 16/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-Murud	11/06/2011	16.01		Continued.	To Control Parly ICT Loading.
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.
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		
Karad - Kolhapur - I	09/06/2011	16.04		Continued.	Bus Fault @ 400KV Kolhapur S/S.
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.
Khaparkheda - Kanhan - I	15/06/2011	15.58	15/06/2011	22.26	Y Phase Jumper Broken
220/33KV 50MVA T/F-I at Aurangabad	15/06/2011	19.35	15/06/2011	19.52	LV Backup protection operated
220/33KV 50MVA T/F-II at Aurangabad	15/06/2011	19.35	15/06/2011	19.55	LV Backup protection operated

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	160
Unit 7	210	170
	620	490
Bhusawal		
Unit 2	210	170
Unit 3	210	180
Unit 4	0	
	420	350
Parli		
Unit 3	210	108
Unit 4	210	0
Unit 5	210	107
Unit 6	250	100
Unit 7	250	100
	1130	415
Chandrapur		
Unit 1	210	110
Unit 2	210	110
Unit 3	210	170
Unit 4	210	140
Unit 5	500	300
Unit 6	500	325
Unit 7	500	350
	2340	1505
Paras		
Unit 3	250	230
Unit 4	250	250
	500	480
Khaparkheda		
Unit 1	210	190
Unit 2	210	185
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	795
Nasik		
Unit 1	120	90
Unit 2	120	85
Unit 3	210	200
Unit 4	210	146
Unit 5	210	158
	870	679
Uran		
All Units	852	260
	852	260
Dabhol		
RGPP	1940	1570
	1940	1570
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	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	6
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	136
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	332
Other CPPs	0	
	1005	967
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	3062
	3455	3062