



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

State Load Dispatch Center, Airoli

Daily system Report

for

14/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 14/Jun/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.368	1562.820	1) Madhya Pradesh	61.751	830.740
2) Hydro	6.352	126.150	2) Gujrat	5.300	127.268
3) Gas	10.403	159.729	3) Goa	-6.854	-86.356
Total MSGENCO	123.123	1848.699	4) TAPS 1&2 (Inj.)	7.878	109.934
B) OTHERS			5) Pench (Excess)	-0.942	-7.087
1) RGPPL Gas	40.235	497.082	# Total Cent. Sector	67.133	974.499
2) Wind Generation	22.551	152.167	F) Other Exchanges		
3) CPP	27.743	366.772	1) With TPCL (Excess)	-9.032	-140.703
4) PENCH (MS)	0.942	7.087	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	19.485	250.233
1) TPCL Thermal	27.962	390.765	Include PX	0.000	0.000
2) TPCL Hydro	3.631	55.282	2) MUMBAI Bilateral	9.605	156.104
TOTAL TPCL	31.593	446.047	Include PX	-2.876	-10.944
3) REL Thermal	12.514	164.088	3) MUMBAI Schedule	9.605	156.104
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	146.844	2117.673	1) MSEDCL	272.695	3705.603
2) Hydro (A2+B3+C2)	10.925	188.519	2) TPCL	35.380	498.769
3) Gas (A3+B1)	50.638	656.811	3) REL	17.757	252.042
4) Wind (B2)	22.551	152.167	TOTAL STATE	325.832	4456.414
5) CPP (B3)	27.743	366.772			
TOTAL STATE	258.701	3481.942			

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	4415	4681	4221
MSGENCO Hydro	296	189	96
MSGENCO Gas	422	443	441
MSGENCO Total Generation	5133	5313	4758
Central Sector Receipt	3675	2803	2356
RGPPL	1666	1680	1683
WIND	700	1277	730
CPP	1275	1278	1034
Exchange with Mumbai	-517	-500	-86
MSEDCL DEMAND MET	11979	11898	10522
Load Shedding (LS)	12	0	0
MSEDCL DEMAND (INCL. LS)	11991	11898	10522
TPCL GENERATION	1707	1377	1028
REL GENERATION	522	521	524
TPCL+REL DEMAND	2746	2398	1638
STATE DEMAND MET	14725	14296	12160
Load Management (LM)	1752	2817	1237
Total Load Relief (LS+LM)	1764	2817	1237
UNRESTRICTED STATE DEMAND	16489	17113	13397
Frequency (Hz)	49.68	49.83	49.80

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.36 Hz at 18:33 Hrs	49.15 Hz at 14:21 Hrs	49.83	.32 % 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 14/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.90	41.69	168	155	165
Unit 6	3.94	56.62	171	155	165
Unit 7	4.25	49.28	185	165	190
	12.09	147.59			520
Bhusawal					
Unit 2	3.90	45.36	170	150	170
Unit 3	3.60	58.06	185	125	170
Unit 4	0.00	0.00	0	0	0
	7.50	103.42			340
Parli					
Unit 3	0.00	31.52	0	0	0
Unit 4	2.11	36.87	100	74	60
Unit 5	0.00	38.01	0	0	0
Unit 6	3.77	48.96	201	80	84
Unit 7	4.41	33.09	212	149	184
	10.29	188.44			328
Chandrapur					
Unit 1	3.28	36.73	154	107	150
Unit 2	3.03	50.77	135	111	130
Unit 3	3.71	36.12	185	130	150
Unit 4	3.28	44.41	157	110	150
Unit 5	7.08	126.90	340	255	330
Unit 6	7.63	127.92	330	280	350
Unit 7	8.09	130.06	375	315	400
	36.10	552.91			1660
Paras					
Unit 3	4.85	67.27	214	190	200
Unit 4	2.39	63.36	236	0	0
	7.24	130.62			200
Khaparkheda					
Unit 1	4.75	64.84	205	180	200
Unit 2	4.58	59.88	199	180	200
Unit 3	5.26	58.03	223	213	210
Unit 4	5.22	72.88	222	210	210
Unit 5	0.00	0.00	0	0	0
	19.80	255.63			820
Nasik					
Unit 1	1.89	24.84	91	45	90
Unit 2	2.10	20.33	94	79	90
Unit 3	4.64	45.90	205	175	190
Unit 4	0.62	40.64	149	0	0
Unit 5	4.09	52.50	190	152	180
	13.35	184.20			550
Uran					
All Units	10.40	159.73	444	417	400
	10.40	159.73			400
Dabhol					
RGPPL	40.24	497.08	1695	1651	1570
	40.24	497.08			1570
Koyna					
Stage 1-2	2.23	36.70	290	30	600
Stage 4	0.78	35.48	209	0	250
Stage 3	0.99	17.25	240	0	320
	4.00	89.42			1170
Kovna 12&4 Total	3.01	72.17			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.99	7.45	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.33	4.08	42	0	42
RNGR+BHTSA	0.25	3.55	11	10	14
BHANDARDRA	0.45	8.37	19	18	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.34	3.20	20	11	0
GHATGHAR	0.00	8.30	0	0	0
	2.35	36.73			146
PENCH (MS)					
Pench (MS)	0.94	7.09	48	0	0
	0.94	7.09			0
Wind					
MalharPeth	0.73	4.96			
Vankuswadi	1.99	12.47			
ATIT	0.25	3.33			
Kale	0.57	5.26			
Satara	3.26	15.90			
Shirala	0.48	5.22			
K Mahankal	0.11	10.40			
Supa	0.37	2.78			
Vita	3.61	35.72			
Dondaicha	6.78	30.94			
Sakri	1.02	4.44			
Nandurbar	0.76	4.26			
Khandke	1.51	12.13			
Khaparale	1.11	4.37			
	22.55	152.17			
CPP					
JSW JAIGAD	15.92	208.87	808	489	800
WARDHA	8.82	109.66	386	342	380
Other CPPs	3.01	48.24			
	27.74	366.77			1180
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.90	157.36	480	400	490
Trombay 6	6.89	94.96	450	150	500
Trombay 7A	2.89	39.81	123	119	120
Trombay 7B	1.60	22.10	67	66	60
Trombay 8	5.68	76.53	250	150	250
TATA Hydro	3.63	55.28	356	0	447
	31.59	446.05			1867
REL					
1&2	12.51	164.09	524	498	500
	12.51	164.09			500
Cent Sect					
Share					3387
					3387

MS PG CL	Thermal	106.37	1562.82			4418
	Thml+Gas	116.77	1722.55			4818
	Hydro	6.35	126.15			1316
	Total	123.12	1848.70			6134
State Total		258.70	3481.94			14638

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	4313	331	438	5082	1664	791	1051	2903	2572	-305	-278	10929	1804	10929	1861	14594	49.55
2	4250	348	437	5035	1673	753	1035	2784	2445	-215	-138	10850	1651	10850	1721	14222	49.63
3	4221	96	441	4758	1683	730	1034	2694	2356	-171	-86	10522	1237	10522	1638	13397	49.80
4	4229	96	443	4768	1688	703	1035	2658	2431	-132	-68	10604	1273	10604	1578	13455	49.91
5	4246	181	435	4862	1683	634	983	2632	2309	-105	-42	10476	1366	10476	1557	13399	49.79
6	4248	514	432	5194	1682	639	959	2825	2672	-248	-141	11052	1465	11052	1635	14152	49.79
7	4311	394	431	5136	1690	696	980	2983	2853	-246	-268	11111	1582	11111	1699	14392	49.84
8	4346	230	430	5006	1694	842	992	3024	3419	-290	-341	11612	1582	11612	1806	15000	49.91
9	4446	477	418	5341	1684	708	1049	3181	3227	-400	-444	11565	1582	11565	2150	15297	49.80
10	4496	601	434	5531	1678	789	1179	3299	3334	-387	-492	12019	1641	12019	2428	16088	49.82
11	4441	359	417	5217	1665	755	1260	3544	3564	-531	-555	11939	1762	11939	2661	16362	49.76
12	4415	296	422	5133	1666	700	1275	3642	3675	-553	-517	11979	1764	11991	2746	16489	49.68
13	4435	411	426	5272	1666	795	1273	3619	3313	-553	-537	11829	1798	11871	2734	16361	49.60
14	4435	226	417	5078	1660	983	1233	3565	3318	-504	-488	11832	1756	11832	2644	16232	49.60
15	4430	221	418	5069	1651	1074	1246	3439	3109	-487	-492	11705	1644	11705	2649	15998	49.62
16	4444	253	438	5135	1652	1145	1245	3312	2973	-482	-466	11732	1589	11732	2629	15950	49.74
17	4452	151	440	5043	1661	1226	1223	3295	3129	-465	-476	11853	1546	11853	2610	16009	50.01
18	4423	160	442	5025	1673	1282	1247	3168	2259	-461	-450	11083	1756	11083	2593	15432	50.14
19	4547	190	436	5173	1681	1305	1246	3026	2209	-502	-456	11205	2572	11205	2542	16319	50.15
20	4602	195	440	5237	1685	1228	1281	3096	2519	-546	-507	11491	2812	11491	2496	16799	49.90
21	4681	189	443	5313	1680	1277	1278	3125	2803	-584	-500	11898	2817	11898	2398	17113	49.83
22	4661	150	439	5250	1689	1278	1218	3120	2760	-567	-526	11712	2817	11712	2260	16789	49.86
23	4662	152	444	5258	1695	1181	1224	2991	2040	-466	-411	11030	2817	11030	2142	15989	50.04
24	4634	131	442	5207	1692	1037	1197	2761	1844	-406	-353	10667	2537	10667	1962	15166	50.06
MUs	106.37	6.35	10.40	123.12	40.24	22.55	27.74	74.69	67.13	-9.61	-9.03	272.70	45.17	272.75	53.14	371.00	49.83

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 14/Jun/2011

Position as on 6.30 Hrs of 15/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
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		Continued.	Cooling Tower Pipe Leakage.	15/06/2011
Nasik Unit 4	210	11/06/2011	21.15	14/06/2011	18.00	Condenser Tube Leakage.	
Paras Unit 4	250	12/06/2011	08.50	14/06/2011	08.16	BLR T/L.	
Parli Unit 5	210	13/06/2011	20.48		Continued.	Air Heater problem.	
Chandrapur Unit 2	210	15/06/2011	02.49		Continued.	Furnace pressure high.	15/06/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2011

Position as on 6.30 Hrs of 15/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		Continued.	Bus Bar testing work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
NASIK-NAVSARI-II	14/06/2011	08.59	14/06/2011	15.45	CT replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	03/06/2011	00.17		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	11/06/2011	02.00		Continued.	Over Voltage.
Kolhapur - Mapusa - I	13/06/2011	22.40	14/06/2011	08.59	Over Voltage.
Kolhapur-Mapusa-II	14/06/2011	22.29		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Badnera - Deoli (PGCIL)	14/06/2011	17.24	14/06/2011	17.55	Distance protection operated Zone 1.
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.Charged from HV side at16.15 Hrs.on 14.06.2011 and kept on humming.
Newkoyna - Jaigad - I	14/06/2011	11.22	14/06/2011	15.00	R ph.line WT clamps replacement.
Dhule - Babhaleshwar - I	14/06/2011	12.43	14/06/2011	19.10	To attend red hot on B ph.IPS tube clamp.Line on TBC.
C'pur-Parli II	14/06/2011	15.00	14/06/2011	18.19	To take 50 MVAR line reactor in service.
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		Continued.	To control Warora-Wardha and Warora -Hinganghat Over loading.
Main Bus - II Talangde	13/06/2011	11.41		Continued.	Q.M.Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	14/06/2011	02.03	14/06/2011	06.59	Over Voltage
Bhusawal- Aurangabad	14/06/2011	18.06	15/06/2011	06.21	Over Voltage.
Lonikand- Koyna Stage IV	15/06/2011	04.35		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-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).

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2011

Position as on 6.30 Hrs of 15/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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	20.02	14/06/2011	20.40	OLTC buchholz protection operated.
220/132 KV 150 MVA ICT @ Bhandara	14/06/2011	21.31		Continued.	OLTC buchholz protection operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 15/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	155
Unit 6	210	140
Unit 7	210	175
	620	470
Bhusawal		
Unit 2	210	170
Unit 3	210	160
Unit 4	0	0
	420	330
Parli		
Unit 3	210	0
Unit 4	210	90
Unit 5	210	0
Unit 6	250	200
Unit 7	250	180
	1130	470
Chandrapur		
Unit 1	210	120
Unit 2	210	0
Unit 3	210	140
Unit 4	210	100
Unit 5	500	350
Unit 6	500	350
Unit 7	500	400
	2340	1460
Paras		
Unit 3	250	230
Unit 4	250	230
	500	460
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	840
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	170
Unit 4	210	180
Unit 5	210	170
	870	700
Uran		
All Units	852	415
	852	415
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	11
BHANDARDRA	45	19
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	130
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	3063
	3455	3063