



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Jun/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	104.813	1890.301	1) Madhya Pradesh	61.779	1003.887
2) Hydro	6.038	142.169	2) Gujrat	7.314	135.475
3) Gas	5.539	181.407	3) Goa	-5.717	-103.926
Total MSGENCO	116.390	2213.877	4) TAPS 1&2 (Inj.)	7.867	133.551
B) OTHERS			5) Pench (Excess)	-1.181	-9.870
1) RGPPL Gas	39.133	612.777	# Total Cent. Sector	70.062	1159.117
2) Wind Generation	25.101	233.753	F) Other Exchanges		
3) CPP	23.579	445.665	1) With TPCL (Excess)	-12.184	-173.328
4) PENCH (MS)	1.181	9.870	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.024	304.050
1) TPCL Thermal	27.102	472.415	Include PX	0.000	0.000
2) TPCL Hydro	4.092	66.827	2) MUMBAI Bilateral	11.362	187.324
TOTAL TPCL	31.194	539.242	Include PX	-1.688	-17.464
3) REL Thermal	12.206	201.399	3) MUMBAI Schedule	11.362	187.324
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	144.121	2564.115	1) MSEDCL	263.262	4501.731
2) Hydro (A2+B3+C2)	11.311	218.866	2) TPCL	36.962	607.015
3) Gas (A3+B1)	44.672	794.184	3) REL	18.620	306.952
4) Wind (B2)	25.101	233.753	TOTAL STATE	318.844	5415.698
5) CPP (B3)	23.579	445.665			
TOTAL STATE	248.784	4256.583			

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	4452	4471	4114
MSGENCO Hydro	309	517	84
MSGENCO Gas	240	239	243
MSGENCO Total Generation	5001	5227	4441
Central Sector Receipt	3349	3146	2562
RGPPL	1645	1630	1657
WIND	885	1117	1101
CPP	947	1043	986
Exchange with Mumbai	-695	-643	-274
MSEDCL DEMAND MET	11182	11567	10522
Load Shedding (LS)	57	37	57
MSEDCL DEMAND (INCL. LS)	11239	11604	10579
TPCL GENERATION	1660	1411	841
REL GENERATION	523	523	449
TPCL+REL DEMAND	2878	2577	1564
STATE DEMAND MET	14060	14144	12086
Load Management (LM)	1462	2750	1178
Total Load Relief (LS+LM)	1519	2787	1235
UNRESTRICTED STATE DEMAND	15579	16931	13321
Frequency (Hz)	49.99	49.81	50.13

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.45 Hz at 16.03 Hrs	49.38 Hz at 00.09 Hrs	49.98	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 17/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.02	53.36	175	160	160
Unit 6	4.04	67.95	178	140	160
Unit 7	4.30	62.08	190	160	170
	12.36	183.39			490
Bhusawal					
Unit 2	3.80	57.01	170	140	170
Unit 3	4.07	69.88	180	160	180
Unit 4		0.00	0	0	
	7.88	126.89			350
Parli					
Unit 3	2.97	38.42	135	103	130
Unit 4	2.38	41.55	129	0	60
Unit 5	2.76	43.89	123	97	115
Unit 6	0.00	53.52	0	0	0
Unit 7	0.00	39.90	0	0	0
	8.10	217.28			305
Chandrapur					
Unit 1	3.58	46.10	159	133	150
Unit 2	3.18	58.82	141	124	120
Unit 3	3.12	45.64	186	0	100
Unit 4	3.95	55.44	175	154	160
Unit 5	7.43	149.51	355	270	275
Unit 6	7.38	151.03	330	280	300
Unit 7	7.23	153.57	329	285	300
	35.88	660.11			1405
Paras					
Unit 3	4.16	80.63	204	155	170
Unit 4	4.59	79.07	249	96	200
	8.75	159.69			370
Khaparkheda					
Unit 1	3.91	77.70	190	120	200
Unit 2	4.14	72.83	200	144	190
Unit 3	4.37	72.28	221	138	200
Unit 4	3.65	87.02	221	72	200
Unit 5		0.00	0	0	
	16.07	309.82			790
Nasik					
Unit 1	2.02	30.94	92	60	90
Unit 2	2.09	26.54	94	78	90
Unit 3	3.84	58.26	175	125	200
Unit 4	3.93	52.77	182	135	180
Unit 5	3.90	64.61	185	131	180
	15.78	233.13			740
Uran					
All Units	5.54	181.41	244	149	240
	5.54	181.41			240
Dabhol					
RGPPL	39.13	612.78	1660	1595	1590
	39.13	612.78			1590
Koyna					
Stage 1-2	1.36	40.56	165	35	600
Stage 4	0.00	35.48	0	0	250
Stage 3	1.47	19.79	160	0	320
	2.83	95.83			1170
Kovna 12&4 Total	1.36	76.04			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.90	10.24	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.42	5.23	42	0	40
RNGR+BHTSA	0.02	3.85	1	1	10
BHANDARDRA	0.49	9.73	21	20	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.32	4.22	14	13	20
GHATGHAR	1.04	11.30	125	0	
	3.20	46.34			150
PENCH (MS)					
Pench (MS)	1.18	9.87	51	46	
	1.18	9.87			
Wind					
MalharPeth	0.64	7.22			
Vankuswadi	1.74	18.44			
ATIT	0.30	7.96			
Kale	0.71	7.42			
Satara	0.62	21.67			
Shirala	0.80	7.50			
K Mahankal	3.40	14.10			
Supa	0.35	3.90			
Vita	4.87	49.34			
Dondaicha	7.29	56.10			
Sakri	1.18	8.28			
Nandurbar	0.54	6.59			
Khandke	1.54	17.14			
Khaparale	1.11	8.11			
	25.10	233.75			
CPP					
JSW JAIGAD	11.31	252.25	625	397	635
WARDHA	7.22	131.36	346	253	340
Other CPPs	5.05	62.06			
	23.58	445.66			975
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.84	189.95	490	350	500
Trombay 6	7.02	115.72	500	150	500
Trombay 7A	2.85	48.43	122	116	120
Trombay 7B	1.59	26.88	67	65	60
Trombay 8	4.80	91.44	245	150	250
TATA Hydro	4.09	66.83	459	0	447
	31.19	539.24			1877
REL					
1&2	12.21	201.40	524	397	500
	12.21	201.40			500
Cent Sect					
Share					2894
					2894

MS PG CL	Thermal	104.81	1890.30			4450
	Thml+Gas	110.35	2071.71			4690
	Hydro	6.04	142.17			1320
	Total	116.39	2213.88			6010
State Total		248.78	4256.58			13846

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	4122	225	242	4589	1649	1032	949	2743	2548	-422	-406	10410	1497	10467	1910	13817	49.80
2	4113	79	242	4434	1640	1078	888	2578	2810	-241	-297	10602	1358	10659	1721	13681	49.92
3	4122	74	242	4438	1653	1178	874	2661	2670	-398	-280	10583	1292	10640	1646	13521	49.97
4	4114	84	243	4441	1657	1101	986	2661	2562	-448	-274	10522	1235	10579	1564	13321	50.13
5	4192	74	241	4507	1642	966	995	2647	2830	-448	-306	10683	1236	10740	1546	13465	50.04
6	4366	84	243	4693	1631	954	1016	2634	3264	-448	-352	11256	1305	11313	1623	14184	50.11
7	4493	79	243	4815	1642	956	1000	2763	3132	-312	-328	11266	1308	11323	1745	14319	50.09
8	4537	107	241	4885	1636	901	988	2770	3244	-332	-395	11308	1324	11365	1895	14527	50.04
9	4510	169	238	4917	1621	934	959	2835	3513	-408	-484	11510	1324	11567	2206	15040	49.99
10	4482	247	237	4966	1620	918	938	2961	3278	-440	-510	11260	1401	11317	2572	15233	50.02
11	4459	180	240	4879	1617	983	982	3126	3333	-539	-647	11197	1519	11254	2809	15525	49.90
12	4452	309	240	5001	1645	885	947	3197	3349	-578	-695	11182	1519	11239	2878	15579	49.99
13	4414	459	240	5113	1632	890	930	3197	2940	-552	-684	10871	1519	10928	2874	15264	49.99
14	4309	419	239	4967	1607	971	940	3165	3091	-502	-606	11020	1519	11077	2788	15327	50.01
15	4284	429	176	4889	1595	1135	955	3149	3092	-502	-504	11212	1522	11269	2806	15540	49.84
16	4349	461	154	4964	1609	1224	960	3037	2715	-502	-578	10940	1530	10997	2840	15310	50.04
17	4414	289	149	4852	1612	1259	1000	3032	2622	-497	-535	10859	1545	10896	2788	15192	50.08
18	4334	258	241	4833	1629	1206	1020	3030	2278	-488	-587	10428	1770	10465	2757	14955	49.96
19	4388	267	243	4898	1660	1224	1005	2901	2058	-496	-575	10320	2523	10357	2652	15495	50.03
20	4453	277	239	4969	1640	1171	1005	2972	3198	-540	-613	11421	2777	11458	2634	16832	49.95
21	4471	517	239	5227	1630	1117	1043	3027	3146	-600	-643	11567	2787	11604	2577	16931	49.81
22	4494	436	241	5171	1626	878	1046	3056	3351	-589	-643	11476	2787	11513	2398	16661	49.87
23	4447	344	242	5033	1626	1101	1057	3087	2593	-573	-639	10820	2787	10857	2231	15838	50.04
24	4494	171	244	4909	1614	1039	1096	2978	2445	-507	-603	10549	2500	10586	2124	15173	50.00
MUs	104.81	6.04	5.54	116.39	39.13	25.10	23.58	70.21	70.06	-11.36	-12.18	263.26	41.88	264.47	55.58	360.73	49.98

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 17/Jun/2011

Position as on 6.30 Hrs of 18/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.	
CPP WPCL U-2	135	16/06/2011	00.52	17/06/2011	01.00	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
Parli Unit 7	250	16/06/2011	19.12		Continued.	No Coal Flow(Conveyor Belt Broken)	19/06/2011
Cent_Sect NTPC(K-5)	500	16/06/2011	20.05	17/06/2011	21.03	Generating pump Water Leakage	
Chandrapur Unit 3	210	16/06/2011	21.17	17/06/2011	04.01	Heavy Leakages on H.P.Turbine side pipeline	
Uran Unit 6	108	17/06/2011	14.41	17/06/2011	17.04	Damper Disturbancy.	
Cent_Sect Kawas GT1A	106	17/06/2011	14.53	17/06/2011	15.52	Bus Fault.	
Cent_Sect Kawas GT1B	106	17/06/2011	14.53	17/06/2011	15.56	Bus Fault.	
Cent_Sect Kawas ST1C	116	17/06/2011	14.53	17/06/2011	16.01	Bus Fault.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2011

Position as on 6.30 Hrs of 18/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.
Kolhapur - Mapusa - I	15/06/2011	22.31		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	16/06/2011	03.42		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	18/06/2011	03.52		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	17/06/2011	01.20	17/06/2011	02.21	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT @ Akola	16/06/2011	11.14	17/06/2011	16.49	Maint.work
400/220KV 315 MVA ICT-I @ Padgha	17/06/2011	00.32	17/06/2011	19.09	Filtration of Oil and Bucholz relay replacement
Kalwa-Kharghar	17/06/2011	09.23	17/06/2011	18.26	Hot Spot,C V T Testing Work.
400 KV Bus Coupler @ Koradi	17/06/2011	10.02	17/06/2011	18.22	R . Work, Tandelta of C T.
400/220 KV 315 MVA ICT - I @ Aurangabad	17/06/2011	10.15	17/06/2011	18.14	Q.M.Work of Replacement of R Ph.L A.
C'pur-Parli II	17/06/2011	10.42	17/06/2011	17.49	Maintenance Work.
400/220 KV Spare ICT @ Jejuri	17/06/2011	11.36	17/06/2011	15.27	To Attend Oil Leakage.
400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II	17/06/2011	13.00	17/06/2011	16.49	Attending Oil Leakage Rthrough Tertiary Bushing Connection Plate.Q.M.Work.
50 MVAR Line Reactor on 400 KV Parli - II.	17/06/2011	13.10		Continued.	Oil Filtration 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 20-06-2011.
Main Bus - II Talangde	13/06/2011	11.41	17/06/2011	17.31	Q.M.Work
220/132KV 200MVA ICT-II at Lonand	16/06/2011	08.47		Continued.	Red Hot Spot(Kept on Huming since 16.06.2011)
Padegaon - Sawangi	17/06/2011	09.47	17/06/2011	14.36	Quarterly Maintenance Work.
TBC at Bhoisor	17/06/2011	09.50	17/06/2011	11.30	Breaker CRM,Timing & R/M Work.
Butibori-Indorama	17/06/2011	10.53	17/06/2011	13.55	Scada Work & CRM of Breaker.
Kamba - Kolshet	17/06/2011	11.13	17/06/2011	22.45	Maintenance Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Jalgaon - Dhrangaon	17/06/2011	09.30	17/06/2011	17.55	Rrection of Tower @ LocNo.13 for Making LILO Arrangment on 132KV Jalgaon-Dharangaon.
Padegaon - waluj - II	17/06/2011	10.11	17/06/2011	13.13	Quarterly Maintenance Work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa - Salsette - II	17/06/2011	09.35	17/06/2011	18.28	Replacement of L A's @ Kalwa End.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT @ Bhusawal	17/06/2011	09.30	17/06/2011	09.44	Y Ph. L V Bushing Oil Leakage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2011

Position as on 6.30 Hrs of 18/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	16/06/2011	20.19	17/06/2011	06.20	Over Voltage
Lonikand- Koyna Stage IV	17/06/2011	00.00	17/06/2011	07.19	Over Voltage
Bhusawal- Aurangabad	17/06/2011	18.23	18/06/2011	05.48	Over Voltage.
Lonikand- Koyna Stage IV	17/06/2011	21.58		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.
Padgha-Temghar	17/06/2011	00.28	17/06/2011	07.32	Due to Over Loading of ICT @ Padgha.
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.
Murud-Bale	18/06/2011	05.11		Continued.	Dist.Protection Trip from Murud End.(Line Charged from Murud End
Voltage Level : 132KV			Outage Type TRIPPED		
Amravati - Akola	17/06/2011	15.57	17/06/2011	16.04	Distance Protection Operated Z-2 R Ph.
Nanded - Narsi	17/06/2011	17.10	17/06/2011	22.08	R Ph. Conductor Snapped @ Loc No.14.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Mukund I	17/06/2011	13.45	17/06/2011	18.18	Y Phase Jumper Break.
100 KV Bus @ Kalwa - I	17/06/2011	13.45	17/06/2011	13.56	Y Phase Jumper Break.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	155
Unit 7	210	190
	620	510
Bhusawal		
Unit 2	210	160
Unit 3	210	190
Unit 4	0	
	420	350
Parli		
Unit 3	210	135
Unit 4	210	120
Unit 5	210	135
Unit 6	250	0
Unit 7	250	0
	1130	390
Chandrapur		
Unit 1	210	155
Unit 2	210	130
Unit 3	210	180
Unit 4	210	180
Unit 5	500	325
Unit 6	500	325
Unit 7	500	350
	2340	1645
Paras		
Unit 3	250	210
Unit 4	250	225
	500	435
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	130
Unit 4	210	140
Unit 5	0	
	840	570
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	162
Unit 5	210	162
	870	668
Uran		
All Units	852	240
	852	240
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	60
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	139
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	332
Other CPPs	0	
	1005	1057
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3122
	3455	3122