



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Jun/2012 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	103.680	1236.687	1) Gujrat	1.920	78.053
2) Hydro	28.386	130.141	2) Madhya Pradesh	16.577	213.346
3) Gas	11.066	136.183	3) Chattisgarh	9.480	111.560
Total MSGENCO	143.132	1503.011	4) Maharashtra	41.035	590.004
B) OTHERS			5) Goa	-5.930	-71.947
1) JSW JAIGAD	28.985	312.878	6) TAPS 1&2 Injection	7.560	83.979
2) WPCL	10.295	108.682	7) RGPPL Injection	19.863	233.458
3) Other CPP / IPP	7.699	75.228	8) Pench (Excess)	-0.148	-1.594
4) Wind Generation	13.602	210.624	# Total Cent. Sector	90.357	1236.859
5) PENCH (MS)	0.148	1.594	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.409	-152.366
1) TPCL Thermal	28.527	295.791	G) Bilateral Power *		
2) TPCL Hydro	7.353	57.214	1) MSEDCL Bilateral	23.385	351.153
TOTAL TPCL	35.880	353.005	Include PX	0.000	3.249
3) REL Thermal	12.559	138.241	2) MUMBAI Bilateral	13.281	178.840
D) STATE			Include PX	-0.468	19.749
1) Thermal (A1+C1+C3)	144.766	1670.719	3) MUMBAI Schedule	13.281	178.840
2) Hydro (A2+B5+C2)	35.887	188.949	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.066	136.183	1) MSEDCL	284.809	3296.510
4) Wind (B4)	13.602	210.624	2) TPCL	38.612	425.793
5) CPP (B1+B2+B3)	46.979	496.788	3) REL	19.234	217.804
TOTAL STATE	252.300	2703.263	TOTAL STATE	342.655	3940.107

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4499	4217	4487
MSGENCO Hydro	1669	1398	542
MSGENCO Gas	453	459	475
MSGENCO Total Generation	6621	6074	5504
Central Sector Receipt	3984	3863	3446
WIND	673	602	480
CPP / IPP	1963	1975	1934
Exchange with Mumbai	-668	-486	-148
MSEDCL DEMAND MET	12573	12028	11216
Load Shedding	744	1421	276
MSEDCL DEMAND	13317	13449	11492
TPCL GENERATION	1676	1910	978
R-INFRA GENERATION	523	523	524
TPCL+R-INFRA DEMAND	2867	2919	1650
STATE DEMAND MET	15440	14947	12866
STATE DEMAND	16184	16368	13142
Frequency (Hz)	49.18	49.63	49.61

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.02 Hrs	48.79 Hz at 15.45 Hrs	49.44	21.63 % 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 11/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.78	30.60	127	99	130
Unit 6	3.60	33.49	167	124	150
Unit 7	3.93	35.62	180	150	155
Total	10.32	99.71			435
Bhusawal					
Unit 2	3.84	37.06	170	155	165
Unit 3	3.92	44.53	170	155	180
Unit 4	0.00	18.53	0	0	
Unit 5	0.00	0.00	0	0	
Total	7.76	100.13			345
Parli					
Unit 3	4.60	43.41	203	178	180
Unit 4	0.00	2.58	0	0	0
Unit 5	3.75	41.68	169	146	150
Unit 6	3.02	51.40	180	0	165
Unit 7	2.80	41.79	183	0	155
Total	14.17	180.85			650
Chandrapur					
Unit 1	3.84	42.87	168	148	165
Unit 2	3.88	30.21	170	142	165
Unit 3	4.35	43.18	190	149	185
Unit 4	4.62	49.13	200	182	200
Unit 5	9.90	76.90	460	290	450
Unit 6	10.54	115.24	465	410	450
Unit 7	0.27	88.72	163	0	0
Total	37.42	446.24			1615
Paras					
Unit 3	6.05	58.62	260	242	250
Unit 4	0.00	0.00	0	0	0
Total	6.05	58.62			250
Khaparkheda					
Unit 1	4.58	29.80	200	170	210
Unit 2	0.00	0.72	0	0	0
Unit 3	4.80	53.86	215	187	210
Unit 4	4.58	54.56	218	159	210
Unit 5	3.84	57.05	261	0	250
Total	17.80	195.99			880
Nasik					
Unit 3	5.26	57.64	225	215	210
Unit 4	4.90	53.08	212	177	200
Unit 5	0.00	44.42	0	0	0
Total	10.16	155.14			410
Uran					
All Units	11.07	136.18	475	440	460
Total	11.07	136.18			460
PENCH (MS)					
Pench (MS)	0.15	1.59	25	0	
Total	0.15	1.59			
Koyna					
Stage 1-2	9.46	45.53	510	75	530
Stage 4	11.57	39.67	841	5	250
Stage 3	4.71	19.73	320	0	320
Kovna 12&4 Total	21.03	85.20			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	25.74	104.93			1100
Hydro					
KDPH	0.00	3.47	0	0	0
VTRNA	0.56	3.83	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.31	2.98	80	0	80
RNGR+BHTSA	0.26	2.24	11	9	10
BHANDARDRA	0.14	0.65	14	0	14
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.13	3.02	11	3	8
GHATGHAR	1.25	9.01	240	0	0
Total	2.65	25.21			173
Wind					
MalharPeth	0.67	6.23			
Vankuswadi	1.13	10.72			
ATIT	0.24	1.85			
Kale	0.57	3.68			
Satara	0.48	17.28			
Shirala	0.48	4.80			
K Mahankal	3.89	14.63			
Supa	0.19	2.76			
Vita	1.98	23.98			
Dondaicha	2.30	87.52			
Sakri	0.40	11.70			
Nandurbar	0.28	8.84			
Khandke	0.73	8.14			
Khaparale	0.28	8.48			
Total	13.60	210.62			
CPP					
JSW JAIGAD	28.98	312.88	1213	1203	1100
WARDHA	10.30	108.68	440	421	430
Other CPPs	7.70	75.23			
Total	46.98	496.79			1530
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.71	113.59	503	215	500
Trombay 6	8.36	66.93	502	156	500
Trombay 7A	2.88	31.64	124	115	120
Trombay 7B	1.59	17.54	67	65	60
Trombay 8	5.99	66.09	252	241	250
TATA Hydro	7.35	57.21	471	108	447
Total	35.88	353.00			1877
REL					
1&2	12.56	138.24	526	520	500
Total	12.56	138.24			500
Cent Sect					
Share					4255
Total					4255

MS PG CL	Thermal	103.68	1236.69			4585
	Thml+Gas	114.75	1372.87			5045
	Hydro	28.39	130.14			1273
	Total	143.13	1503.01			6318
State Total		252.30	2703.26			14480

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Jun/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4390	710	473	5573	745	1963	4005	3556	-624	-244	11593	192	11785	1987	13772	49.46
2	4437	703	473	5613	684	1947	3930	3474	-529	-227	11491	258	11749	1839	13588	49.55
3	4429	687	473	5589	522	1931	3888	3492	-483	-246	11288	260	11548	1745	13293	49.69
4	4433	652	473	5558	532	1922	3840	3401	-432	-172	11241	267	11508	1675	13183	49.63
5	4487	542	475	5504	480	1934	3815	3446	-407	-148	11216	276	11492	1650	13142	49.61
6	4503	873	475	5851	477	1935	3792	3506	-381	-130	11639	407	12046	1709	13755	49.66
7	4469	1007	473	5949	545	1942	3796	3301	-360	-148	11589	860	12449	1753	14202	49.72
8	4524	907	472	5903	552	1930	3826	3571	-382	-202	11754	924	12678	1894	14572	49.74
9	4514	913	456	5883	745	1944	3874	3430	-444	-381	11621	995	12616	2209	14825	49.56
10	4554	1442	463	6459	659	1940	3932	3909	-550	-610	12357	724	13081	2588	15669	49.42
11	4499	1669	453	6621	673	1963	3985	3984	-649	-668	12573	744	13317	2867	16184	49.18
12	4506	1688	445	6639	578	1975	3970	3773	-663	-601	12364	867	13231	2944	16175	49.15
13	4466	1469	440	6375	627	1984	3984	3897	-658	-541	12342	941	13283	2946	16229	49.39
14	4315	1352	440	6107	555	1986	3998	4175	-658	-491	12332	900	13232	2908	16140	49.39
15	4205	1316	461	5982	539	1980	4018	4038	-638	-532	12007	1193	13200	2940	16140	49.28
16	4254	1398	449	6101	550	1980	4014	3805	-638	-522	11914	1312	13226	2944	16170	48.99
17	4217	1398	459	6074	602	1975	4028	3863	-656	-486	12028	1421	13449	2919	16368	49.63
18	4252	1025	461	5738	525	1945	4012	3347	-590	-418	11137	1158	12295	2843	15138	49.61
19	4033	568	452	5053	539	1949	4077	3778	-572	-302	11041	561	11602	2674	14276	49.50
20	3977	1309	458	5744	482	1976	4065	4084	-552	-379	11932	789	12721	2708	15429	49.45
21	4019	1675	459	6153	583	1973	4017	3969	-514	-394	12309	757	13066	2646	15712	49.35
22	3941	1700	457	6098	478	1974	4032	4016	-544	-521	12070	696	12766	2558	15324	49.31
23	4045	1713	463	6221	458	1962	4136	4355	-661	-536	12485	281	12766	2466	15232	49.08
24	4211	1670	463	6344	472	1969	4103	4185	-694	-510	12484	197	12681	2436	15117	49.23
MUs	103.68	28.39	11.07	143.13	13.60	46.98	95.14	90.36	-13.28	-9.41	284.81	16.98	301.79	57.85	359.64	49.44

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 11/Jun/2012

Position as on 6.30 Hrs of 12/Jun/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	12/06/2012
Cent_Sect NTPC(V-3)	210	20/05/2012	00:25		Continued.	AOH.	
Khaparkheda Unit 2	210	01/06/2012	05.45		Continued.	Annual overhaul.	05/07/2012
Cent_Sect NTPC(K-5)	500	01/06/2012	23.50		Continued.	A/OH.	30/06/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29		Continued.	Gas Shortage	
Parli Unit 4	210	02/06/2012	00.30		Continued.	ID Fan problem.	13/06/2012
Uran Unit 5	108	05/06/2012	18.28		Continued.	Gas Shortage	
Bhusawal Unit 4	500	06/06/2012	06.27		Continued.	Vibration Problem	
Dabhol 2B	230	08/06/2012	11.21		Continued.	W/Dn.	
Koyna Unit 1	75	09/06/2012	09.30		Continued.	Micom relay replacement.	14/06/2012
Chandrapur Unit 7	500	10/06/2012	03.59	11/06/2012	22.02	Steam line leakage.	
Nasik Unit 5	210	10/06/2012	14.50		Continued.	BLR T/L.	14/06/2012
Koyna ST - IV 3	250	10/06/2012	23.05	11/06/2012	18.52	PLCC Problem.	
Koyna ST - IV 4	250	10/06/2012	23.10	12/06/2012	04.05	Differential Protection.	
Koyna Unit 10	80	11/06/2012	06.04	11/06/2012	15.00	B-Ph conductor between gantry and tower no.1.	
Parli Unit 6	250	11/06/2012	12.56	11/06/2012	17.35	High Furnace pressure	
Cent_Sect Sipat U-2	660	11/06/2012	14.45		Continued.	Boiler Tube Leakage	14/06/2012
Khaparkheda Unit 5	500	11/06/2012	18.24	11/06/2012	23.02	Flame Failure	
Parli Unit 7	250	11/06/2012	18.30		Continued.	CHP problem	14/06/2012
Nasik Unit 3	210	12/06/2012	02.25		Continued.	Boiler Tube Leakage	15/06/2012

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jun/2012

Position as on 6.30 Hrs of 12/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765 KV Wardha - Seoni - I	30/05/2012	17.48	11/06/2012	10.52	Over Voltage.
Kolhapur - Mapusa - I	09/06/2012	03.50		Continued.	Over Voltage.
Dhule-S'Sarovar I	10/06/2012	01.55		Continued.	Over Voltage.
765KV Seoni - Wardha - II	11/06/2012	12.04		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Reactor C'Pur - Parli - I at Parli end	16/04/2012	16.50		Continued.	Filtration work
400/220 KV 315 MVA ICT-II @ Dhule	02/06/2012	09.03	11/06/2012	20.27	Shifting of control cable to new switch yard(ICT is on Humming)
400/220KV 315MVA ICT- I @ Chandrapur	06/06/2012	23.00		Continued.	Main Breaker Compressor problem(ICT on TBC)
Karad-Lonikhand	08/06/2012	11.38		Continued.	Repl.of Faulty Insulator(Ready for charging Dt.11/6/12 at 19.24Hrs)
Chandrapur - Parli - III	09/06/2012	09.27		Continued.	Overhauling of breaker(Ckt charged through TBC at Parly end)
400/220KV 315MVA ICT- I @ Kharghar	11/06/2012	11.15	11/06/2012	13.43	Paper wrapping work
400/220KV, 315MVA ICT-I @ New Koyna.	11/06/2012	11.15	11/06/2012	15.05	Paper wrapping work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
220/132KV 200 MVA ICT-II @ Amravati	11/06/2012	08.05	11/06/2012	18.17	Replacement Y&B phase of LV CT
Apta-Nagothane	11/06/2012	09.09	11/06/2012	19.10	Removing of damaged E/W from Gantry
Vankuswadi-KDPH	11/06/2012	09.10	11/06/2012	18.25	Replacement of Old Disc Insulator
220/33KV 100MVA T/F-I at Jamde	11/06/2012	12.10	11/06/2012	13.15	Hot Spot
Lonikand--512 Khadki	11/06/2012	12.18	11/06/2012	16.35	DCRM of Breaker
Bus Section-III @ Nasik GCR	11/06/2012	13.23	11/06/2012	15.30	Hot Spot
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/33 KV 100 MVA ICT - III @ Ghodbandar	09/06/2012	17.22	12/06/2012	00.07	Y ph.bushing heavy noise.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Deepnagar-Aurangabad-I	06/06/2012	18.20		Continued.	Over Voltage.
Bhusawal- Aurangabad	10/06/2012	16.36	11/06/2012	09.23	Over Voltage.
Karad - Kolhapur - I	10/06/2012	18.06	11/06/2012	09.34	Over Voltage.
Karad-Kolhapur-II	11/06/2012	16.40		Continued.	Over Voltage
Bhusawal- Aurangabad	11/06/2012	17.00		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 500MVA ICT- I at Khaperkheda	11/06/2012	17.46	11/06/2012	18.39	Tripped on NDR
400/220 KV 500 MVA ICT - II at Khaparkheda	11/06/2012	17.49	11/06/2012	18.44	Tripped on NDR
Voltage Level : 220KV			Outage Type TRIPPED		
Trombay - Tata Tie - I	10/06/2012	17.20	11/06/2012	07.34	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jun/2012

Position as on 6.30 Hrs of 12/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kolhapur-Karad-IV	11/06/2012	05.25	11/06/2012	05.47	Distance Protection.
220/132KV 100MVA ICT-I at Kanhan	11/06/2012	16.24	11/06/2012	18.46	OLTC Buccolz operated
Pedambe - Karad	12/06/2012	05.02	12/06/2012	05.23	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Chalisgaon-Dhule	10/06/2012	11.40		Continued.	R Phase Breaker Pole Burst(Ckt.charged through TBC)
Chalisgaon - Manmad - I	11/06/2012	17.19	11/06/2012	19.36	Distance Protection
Chalisgaon-Manmad(Pimperkhed)-II	11/06/2012	18.00	11/06/2012	18.26	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	120
Unit 6	210	160
Unit 7	210	160
	620	440
Bhusawal		
Unit 2	210	165
Unit 3	210	180
Unit 4	500	
Unit 5	500	
	1420	345
Parli		
Unit 3	210	200
Unit 4	210	0
Unit 5	210	165
Unit 6	250	172
Unit 7	250	0
	1130	537
Chandrapur		
Unit 1	210	155
Unit 2	210	165
Unit 3	210	185
Unit 4	210	200
Unit 5	500	450
Unit 6	500	450
Unit 7	500	350
	2340	1955
Paras		
Unit 3	250	250
Unit 4	250	0
	500	250
Khaparkheda		
Unit 1	210	200
Unit 2	210	0
Unit 3	210	200
Unit 4	210	180
Unit 5	500	250
	1340	830
Nasik		
Unit 3	210	0
Unit 4	210	200
Unit 5	210	0
	630	200
Uran		
All Units	852	460
	852	460
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		
KDPH	40	0
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	11
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	173
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	1100
WARDHA	405	430
Other CPPs	0	
	1005	1530
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	4174
	3455	4174

	18400	7 of 7 14371
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