



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Jun/2012 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	101.090	2515.615	1) Gujrat	9.189	152.875
2) Hydro	9.790	322.558	2) Madhya Pradesh	15.594	408.432
3) Gas	11.045	302.385	3) Chattisgarh	11.250	245.730
Total MSGENCO	121.925	3140.558	4) Maharashtra	53.488	1182.599
B) OTHERS			5) Goa	-5.811	-146.788
1) JSW JAIGAD	28.933	682.487	6) TAPS 1&2 Injection	7.541	182.178
2) WPCL	9.679	231.239	7) RGPPL Injection	18.574	493.408
3) Other CPP / IPP	5.894	169.567	8) Pench (Excess)	-0.091	-2.843
4) Wind Generation	20.604	505.702	# Total Cent. Sector	109.734	2515.591
5) PENCH (MS)	0.091	2.843	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.879	-321.323
1) TPCL Thermal	26.655	667.866	G) Bilateral Power *		
2) TPCL Hydro	1.872	127.376	1) MSEDCL Bilateral	29.742	694.020
TOTAL TPCL	28.527	795.242	Include PX	0.000	3.791
3) REL Thermal	7.270	290.035	2) MUMBAI Bilateral	14.331	368.995
D) STATE			Include PX	1.916	35.567
1) Thermal (A1+C1+C3)	135.015	3473.516	3) MUMBAI Schedule	15.294	375.183
2) Hydro (A2+B5+C2)	11.753	452.777	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.045	302.385	1) MSEDCL	282.981	6926.664
4) Wind (B4)	20.604	505.702	2) TPCL	32.877	933.290
5) CPP (B1+B2+B3)	44.506	1083.293	3) REL	16.805	473.137
TOTAL STATE	222.923	5817.673	TOTAL STATE	332.663	8333.091

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4139	4235	4177
MSGENCO Hydro	672	191	235
MSGENCO Gas	451	458	469
MSGENCO Total Generation	5262	4884	4881
Central Sector Receipt	5325	4407	4474
WIND	894	1069	741
CPP / IPP	1876	1846	1854
Exchange with Mumbai	-688	-548	-494
MSEDCL DEMAND MET	12669	11658	11456
Load Shedding	879	976	312
MSEDCL DEMAND	13548	12634	11768
TPCL GENERATION	1233	1218	1085
R-INFRA GENERATION	257	257	262
TPCL+R-INFRA DEMAND	2178	2023	1841
STATE DEMAND MET	14847	13681	13297
STATE DEMAND	15726	14657	13609
Frequency (Hz)	49.69	49.89	49.73

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 18:03 Hrs	49.02 Hz at 00:07 Hrs	49.82	.88 % 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 24/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.71	65.45	129	97	90
Unit 6	3.14	76.50	157	103	95
Unit 7	3.27	59.74	165	120	145
Total	9.12	201.70			330
Bhusawal					
Unit 2	3.88	86.15	165	155	160
Unit 3	4.10	97.51	185	155	180
Unit 4	0.00	18.53	0	0	0
Unit 5	0.00	0.00	0	0	0
Total	7.98	202.19			340
Parli					
Unit 3	2.77	91.94	146	92	120
Unit 4	3.75	9.04	172	132	140
Unit 5	3.01	85.29	159	106	105
Unit 6	0.00	96.82	0	0	0
Unit 7	3.77	68.68	172	129	160
Total	13.30	351.76			525
Chandrapur					
Unit 1	3.22	88.10	145	121	150
Unit 2	3.06	69.62	139	121	135
Unit 3	3.86	95.88	174	142	170
Unit 4	4.10	105.02	184	145	170
Unit 5	9.80	190.29	435	355	420
Unit 6	9.60	224.16	430	350	400
Unit 7	9.72	201.54	432	370	400
Total	43.35	974.60			1845
Paras					
Unit 3	0.00	69.04	0	0	0
Unit 4	0.00	0.00	0	0	0
Total	0.00	69.04			0
Khaparkheda					
Unit 1	3.90	74.61	195	100	210
Unit 2	0.00	0.72	0	0	0
Unit 3	4.99	114.19	217	181	210
Unit 4	4.47	116.26	210	161	210
Unit 5	0.00	108.92	0	0	0
Total	13.35	414.70			630
Nasik					
Unit 3	5.20	109.28	223	210	210
Unit 4	4.27	96.88	208	150	210
Unit 5	4.52	95.45	199	181	190
Total	13.99	301.61			610
Uran					
All Units	11.04	302.38	470	440	440
Total	11.04	302.38			440
PENCH (MS)					
Pench (MS)	0.09	2.84	24	0	0
Total	0.09	2.84			0
Koyna					
Stage 1-2	3.40	101.56	430	40	600
Stage 4	2.11	110.43	738	0	250
Stage 3	1.26	48.81	240	0	240
Kovna 12&4 Total	5.51	212.00			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	6.77	260.80			1090
Hydro					
KDPH	0.66	8.06	28	27	27
VTRNA	0.94	17.34	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.29	7.59	82	0	80
RNGR+BHTSA	0.24	5.18	10	9	8
BHANDARDRA	0.00	2.29	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.90	6.17	43	35	10
GHATGHAR	0.00	15.13	0	0	0
Total	3.02	61.76			185
Wind					
MalharPeth	0.65	19.77			
Vankuswadi	1.02	30.56			
ATIT	0.14	8.00			
Kale	0.45	11.27			
Satara	4.15	51.17			
Shirala	0.31	13.53			
K Mahankal	0.13	30.76			
Supa	0.39	7.47			
Vita	3.75	64.43			
Dondaicha	6.43	183.23			
Sakri	0.79	24.17			
Nandurbar	0.62	18.68			
Khandke	1.40	23.46			
Khaparale	0.36	19.19			
Total	20.60	505.70			
CPP					
JSW JAIGAD	28.93	682.49	1221	1181	1100
WARDHA	9.68	231.24	420	379	410
Other CPPs	5.89	169.57			
Total	44.51	1083.29			1510
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.89	265.43	503	470	500
Trombay 6	4.52	153.58	247	157	500
Trombay 7A	2.89	68.80	125	100	120
Trombay 7B	1.58	38.12	68	60	60
Trombay 8	5.77	141.93	251	188	250
TATA Hydro	1.87	127.38	149	0	447
Total	28.53	795.24			1877
REL					
1&2	7.27	290.04	477	256	250
Total	7.27	290.04			250
Cent Sect					
Share					4573
Total					4573

MS PG CL	Thermal	101.09	2515.62			4280
	Thml+Gas	112.14	2818.00			4720
	Hydro	9.79	322.56			1275
	Total	121.92	3140.56			5995
State Total		222.92	5817.67			14205

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	4187	1159	459	5805	1087	1856	4433	4161	-547	-698	12216	189	12405	2197	14602	49.41
2	4143	846	468	5457	1049	1856	4337	4152	-547	-605	11909	257	12166	2072	14238	49.64
3	4167	561	470	5198	947	1876	4245	4256	-522	-598	11679	284	11963	1966	13929	49.77
4	4186	157	470	4813	865	1850	4189	4442	-574	-509	11461	300	11761	1883	13644	49.83
5	4177	235	469	4881	741	1854	4162	4474	-574	-494	11456	312	11768	1841	13609	49.73
6	4169	713	466	5348	554	1835	4153	4542	-574	-480	11799	425	12224	1865	14089	49.76
7	4247	678	467	5392	517	1800	4173	4471	-574	-474	11706	805	12511	1834	14345	49.84
8	4221	348	468	5037	525	1814	4135	4703	-574	-468	11611	849	12460	1829	14289	49.89
9	4180	212	465	4857	603	1820	4140	4829	-574	-531	11578	957	12535	1880	14415	49.91
10	4219	196	460	4875	597	1847	4171	5440	-574	-647	12112	786	12898	2000	14898	49.90
11	4163	304	440	4907	620	1828	4228	6099	-574	-683	12771	740	13511	2124	15635	49.77
12	4139	672	451	5262	894	1876	4246	5325	-574	-688	12669	879	13548	2178	15726	49.69
13	4189	772	459	5420	1045	1866	4257	4496	-574	-681	12146	945	13091	2182	15273	49.73
14	4245	342	464	5051	1048	1866	4259	4498	-574	-617	11846	786	12632	2135	14767	49.78
15	4252	550	452	5254	1112	1884	4263	4420	-574	-604	12066	650	12716	2121	14837	49.80
16	4202	432	461	5095	1022	1888	4285	4411	-574	-566	11850	798	12648	2060	14708	49.83
17	4235	191	458	4884	1069	1846	4243	4407	-574	-548	11658	976	12634	2023	14657	49.89
18	4288	185	458	4931	975	1872	4235	4261	-574	-585	11454	542	11996	2030	14026	50.12
19	4239	192	458	4889	873	1866	4299	4095	-686	-531	11192	300	11492	2050	13542	49.95
20	4224	269	454	4947	879	1872	4590	4440	-747	-500	11638	521	12159	2202	14361	49.90
21	4310	231	456	4997	975	1849	4806	4320	-827	-505	11652	553	12205	2279	14484	49.87
22	4285	197	454	4936	933	1869	4884	4241	-878	-591	11411	540	11951	2302	14253	50.00
23	4249	174	458	4881	926	1851	4841	4530	-948	-612	11599	255	11854	2309	14163	49.85
24	4174	174	460	4808	748	1865	4799	4721	-984	-664	11502	199	11701	2314	14015	49.91
MUs	101.09	9.79	11.04	121.92	20.60	44.51	104.37	109.73	-15.29	-13.88	282.98	13.85	296.83	49.68	346.50	49.82

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 24/Jun/2012

Position as on 6.30 Hrs of 25/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.	23/06/2012
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	
Bhusawal Unit 4	500	06/06/2012	06.27		Continued.	Vibration Problem	
Dabhol 3A	230	10/06/2012	12.48	24/06/2012	16.57	Gas Shortage	
Paras Unit 3	250	13/06/2012	17.05		Continued.	Structure collapse near ESP.	
Dabhol 1A	230	16/06/2012	11.45		Continued.	Withdrawn.	
Koyna Unit 11	80	18/06/2012	08.00		Continued.	Stator E/F.	
Koyna ST-IV 2	250	20/06/2012	11.00		Continued.	Attending Spherical Valve Srevomotor Oil Leakage.	05/07/2012
Uran Unit 7	108	20/06/2012	12.30		Continued.	Gas Shortage.	
Dabhol 2A	230	20/06/2012	22.25		Continued.	Gas Shortage.	
REL 1	250	23/06/2012	02.02	24/06/2012	18.10	BLR T/L.	
Cent_Sect NTPC(K-6)	500	23/06/2012	09.21		Continued.	Boiler tube leakage.	
Khaparkheda Unit 5	500	23/06/2012	11.09		Continued.	Bunkering problem.	
Parli Unit 6	250	23/06/2012	15.03		Continued.	Bunkering problem.	
Cent_Sect NTPC(V-8)	500	23/06/2012	23.38		Continued.	Boiler tube leakage.	
Cent_Sect Sipat U-2	660	24/06/2012	11.32		Continued.	Boiler tube leakage.	
Parli Unit 3	210	25/06/2012	00.26		Continued.	MS2 volve leakage.	27/06/2012

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2012

Position as on 6.30 Hrs of 25/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765KV Seoni - Wardha - II	13/06/2012	16.09		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	20/06/2012	23.49		Continued.	Over Voltage.
Kolhapur - Mapusa - II	21/06/2012	18.18	24/06/2012	09.27	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur - Mapusa - II	24/06/2012	17.12		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
Chandrapur - Parli - III	09/06/2012	09.27		Continued.	Overhauling of breaker(Ckt charged through TBC at Parly end)
400/220 KV 315 MVA ICT-I @ Dhule	18/06/2012	10.40		Continued.	Cable Termination of CP and RP from new yard
400/220 KV 600 MVA ICT-II @ Kalwa	24/06/2012	07.21	24/06/2012	17.18	Replacement of LV side R ph.CT.
Main Bus - I @ 400 KV Akola	24/06/2012	11.15	24/06/2012	15.22	Extension of gantry beam.
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.
220/100KV,200 MVA ICT-II at Trombay.	24/06/2012	09.00	24/06/2012	15.56	Red hot.
Urse - General Motors	24/06/2012	09.24	24/06/2012	17.43	Replacement of cut point insulator string.
Borivali - Bhandup	24/06/2012	09.26	24/06/2012	12.19	R.M.Work
Hinjewadi-I-Chinchwad	24/06/2012	10.01	24/06/2012	14.47	Replacement of R and Y ph.jumper.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Salshet - II	22/06/2012	09.30		Continued.	Repl.of line side isolator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV 167 MVA Spare ICT at Khaparkheda	20/06/2012	10.17		Continued.	Low Oil Pressure Alarm Received.
Aurangabad-Deepnagar-II	21/06/2012	18.05		Continued.	Over Voltage.
Bhusawal- Aurangabad	23/06/2012	17.32	24/06/2012	09.48	Over Voltage.
Karad - Kolhapur - I	23/06/2012	18.59	24/06/2012	09.20	Over Voltage.
Bhusawal- Aurangabad	24/06/2012	16.29		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Dhule-Chalishaon	22/06/2012	15.12		Continued.	To avail outage of 315 MVA ICT.
Voltage Level : 500KV			Outage Type TRIPPED		
Chandrapur - Padgha Pole -I	25/06/2012	05.02	25/06/2012	05.53	Distance protection.
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Lonikand	24/06/2012	13.26		Continued.	Tripped from Karad .
Karad - Kolhapur - II	24/06/2012	20.40		Continued.	Over Voltage.
Bablswr-Padgha Ckt I	24/06/2012	23.06	24/06/2012	23.28	Distance protection trip.trip from BBLR end only.
Voltage Level : 220KV			Outage Type TRIPPED		
220/6.6 KV 40 MVA	13/06/2012	12.40		Continued.	Bus Duct P.M work & Oil filtration work.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2012

Position as on 6.30 Hrs of 25/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Station T/F- I @ Khaparkheda					(8 days).
220/132 KV 100 MVA ICT @ Gadchiroli	18/06/2012	15.31		Continued.	Differential Protection operated
Pophali - Pedambe - I	24/06/2012	02.30	24/06/2012	16.50	Distance protection.(declared faulty.
Kalwa-Mulund II	24/06/2012	16.19	24/06/2012	16.25	Bus bar indication.
Voltage Level : 132KV			Outage Type TRIPPED		
Boiser - Viraj	24/06/2012	15.22	24/06/2012	15.50	Metering CT burst.
Viraj-Jindal	24/06/2012	15.22	24/06/2012	16.05	Metering CT burst at Viraj.
Jindal-IOL	24/06/2012	15.22	24/06/2012	16.10	Metering CT burst at Viraj.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	110
Unit 6	210	140
Unit 7	210	135
	620	385
Bhusawal		
Unit 2	210	160
Unit 3	210	180
Unit 4	500	
Unit 5	500	
	1420	340
Parli		
Unit 3	210	0
Unit 4	210	160
Unit 5	210	150
Unit 6	250	0
Unit 7	250	182
	1130	492
Chandrapur		
Unit 1	210	140
Unit 2	210	135
Unit 3	210	140
Unit 4	210	160
Unit 5	500	400
Unit 6	500	330
Unit 7	500	350
	2340	1655
Paras		
Unit 3	250	0
Unit 4	250	0
	500	0
Khaparkheda		
Unit 1	210	180
Unit 2	210	0
Unit 3	210	190
Unit 4	210	190
Unit 5	500	0
	1340	560
Nasik		
Unit 3	210	210
Unit 4	210	170
Unit 5	210	190
	630	570
Uran		
All Units	852	440
	852	440
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	28
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	8
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	187
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	420
Other CPPs	0	
	1005	1520
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	4482
	3455	4482