



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Jun/2012 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	99.436	2711.055	1) Gujrat	10.587	170.939
2) Hydro	11.119	341.572	2) Madhya Pradesh	15.666	439.325
3) Gas	8.616	321.406	3) Chattisgarh	10.830	268.480
Total MSGENCO	119.171	3374.033	4) Maharashtra	51.330	1291.615
B) OTHERS			5) Goa	-4.981	-157.164
1) JSW JAIGAD	27.170	738.695	6) TAPS 1&2 Injection	7.465	197.151
2) WPCL	10.264	251.059	7) RGPPL Injection	18.190	531.520
3) Other CPP / IPP	6.360	181.747	8) Pench (Excess)	-0.105	-3.044
4) Wind Generation	26.485	558.967	# Total Cent. Sector	108.982	2738.822
5) PENCH (MS)	0.105	3.044	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.092	-347.908
1) TPCL Thermal	30.029	726.912	G) Bilateral Power *		
2) TPCL Hydro	6.172	139.577	1) MSEDCL Bilateral	32.019	758.613
TOTAL TPCL	36.201	866.489	Include PX	0.588	5.066
3) REL Thermal	12.568	315.176	2) MUMBAI Bilateral	15.544	399.447
D) STATE			Include PX	1.483	38.874
1) Thermal (A1+C1+C3)	142.033	3753.143	3) MUMBAI Schedule	15.544	405.636
2) Hydro (A2+B5+C2)	17.396	484.193	H) ENERGY CATERED (MUs)		
3) Gas (A3)	8.616	321.406	1) MSEDCL	285.445	7498.459
4) Wind (B4)	26.485	558.967	2) TPCL	41.569	1016.188
5) CPP (B1+B2+B3)	43.794	1171.501	3) REL	20.288	513.206
TOTAL STATE	238.324	6289.210	TOTAL STATE	347.302	9027.853

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	3991	4387	4009
MSGENCO Hydro	848	423	67
MSGENCO Gas	431	287	411
MSGENCO Total Generation	5270	5097	4487
Central Sector Receipt	5108	4333	4444
WIND	1001	1448	984
CPP / IPP	1762	1891	1903
Exchange with Mumbai	-656	-673	-250
MSEDCL DEMAND MET	12485	12096	11568
Load Shedding	787	819	328
MSEDCL DEMAND	13272	12915	11896
TPCL GENERATION	1909	1878	1099
R-INFRA GENERATION	523	524	525
TPCL+R-INFRA DEMAND	3088	3075	1874
STATE DEMAND MET	15573	15171	13442
STATE DEMAND	16360	15990	13770
Frequency (Hz)	49.81	49.74	49.78

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 18.02 Hrs	49.09 Hz at 21.11 Hrs	49.76	1.04 % 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 26/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.18	70.16	110	0	110
Unit 6	3.38	83.09	150	127	130
Unit 7	3.72	66.66	170	115	160
Total	9.27	219.92			400
Bhusawal					
Unit 2	3.58	93.57	160	125	160
Unit 3	3.74	105.40	180	135	180
Unit 4		18.53	0	0	
Unit 5		0.00	0	0	
Total	7.32	217.50			340
Parli					
Unit 3	0.00	91.96	0	0	0
Unit 4	2.89	15.40	160	109	120
Unit 5	3.27	91.71	166	112	120
Unit 6	0.00	96.82	0	0	0
Unit 7	3.90	76.60	176	129	190
Total	10.05	372.49			430
Chandrapur					
Unit 1	3.58	95.19	154	144	150
Unit 2	3.49	76.23	153	135	145
Unit 3	4.16	103.73	183	143	170
Unit 4	4.57	113.44	200	170	185
Unit 5	8.62	208.14	445	245	385
Unit 6	9.19	243.15	435	295	400
Unit 7	8.92	219.55	427	300	380
Total	42.52	1059.43			1815
Paras					
Unit 3	0.00	69.04	0	0	0
Unit 4	2.16	2.16	209	0	0
Total	2.16	71.20			0
Khaparkheda					
Unit 1	4.74	83.51	205	185	210
Unit 2	0.00	0.72	0	0	0
Unit 3	4.75	123.27	220	170	210
Unit 4	4.77	125.53	215	188	210
Unit 5	0.00	108.92	0	0	0
Total	14.26	441.96			630
Nasik					
Unit 3	5.12	119.41	220	195	210
Unit 4	4.41	104.95	209	146	180
Unit 5	4.32	104.21	202	162	190
Total	13.86	328.56			580
Uran					
All Units	8.62	321.41	438	287	440
Total	8.62	321.41			440
PENCH (MS)					
Pench (MS)	0.10	3.04	27	0	
Total	0.10	3.04			
Koyna					
Stage 1-2	4.46	109.20	485	35	600
Stage 4	0.57	111.38	308	0	250
Stage 3	1.81	51.87	160	0	240
Kovna 12&4 Total	5.03	220.58			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	6.84	272.45			1090
Hydro					
KDPH	0.33	8.93	14	13	13
VTRNA	0.94	19.14	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.41	8.28	82	0	80
RNGR+BHTSA	0.24	5.66	10	10	10
BHANDARDRA	0.00	2.29	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.14	6.48	12	3	9
GHATGHAR	2.21	18.34	250	0	0
Total	4.27	69.12			172
Wind					
MalharPeth	0.77	21.34			
Vankuswadi	1.45	33.44			
ATIT	0.24	8.44			
Kale	0.51	12.22			
Satara	0.59	55.69			
Shirala	0.34	14.17			
K Mahankal	4.13	35.01			
Supa	0.45	8.24			
Vita	2.57	70.26			
Dondaicha	10.07	204.42			
Sakri	1.39	26.94			
Nandurbar	1.07	20.86			
Khandke	1.63	26.56			
Khaparale	1.28	21.37			
Total	26.48	558.97			
CPP					
JSW JAIGAD	27.17	738.70	1217	912	1100
WARDHA	10.26	251.06	435	398	420
Other CPPs	6.36	181.75			
Total	43.79	1171.50			1520
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.02	289.26	505	471	500
Trombay 6	7.57	168.68	504	156	500
Trombay 7A	2.92	74.10	124	119	120
Trombay 7B	1.59	41.15	67	65	60
Trombay 8	5.92	153.72	249	245	250
TATA Hydro	6.17	139.58	471	0	447
Total	36.20	866.49			1877
REL					
1&2	12.57	315.18	527	522	500
Total	12.57	315.18			500
Cent Sect					
Share					4813
Total					4813

MS PG CL	Thermal	99.44	2711.06			4195
	Thml+Gas	108.05	3032.46			4635
	Hydro	11.12	341.57			1262
	Total	119.17	3374.03			5897
State Total		238.32	6289.21			14607

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4132	233	416	4781	1122	1910	4403	4834	-714	-655	11992	203	12195	2339	14534	49.54
2	4148	111	414	4673	1103	1898	4255	4550	-547	-490	11734	271	12005	2130	14135	49.78
3	4227	66	415	4708	1049	1905	4199	4209	-489	-374	11497	287	11784	1989	13773	49.83
4	4232	71	413	4716	1030	1922	4156	4237	-439	-284	11621	309	11930	1902	13832	49.90
5	4009	67	411	4487	984	1903	4133	4444	-413	-250	11568	328	11896	1874	13770	49.78
6	4036	345	411	4792	1008	1662	4254	4719	-501	-275	11906	438	12344	1928	14272	49.68
7	3996	380	408	4784	988	1616	4271	4780	-501	-324	11844	831	12675	1975	14650	49.81
8	3960	514	438	4912	995	1611	4331	4773	-555	-423	11868	884	12752	2091	14843	49.94
9	4097	310	431	4838	1114	1593	4329	4914	-555	-519	11940	975	12915	2372	15287	50.00
10	4053	387	431	4871	977	1578	4492	5723	-604	-650	12499	736	13235	2777	16012	50.04
11	3986	667	431	5084	918	1601	4697	5573	-676	-640	12536	708	13244	3032	16276	49.98
12	3991	848	431	5270	1001	1762	4759	5108	-728	-656	12485	787	13272	3088	16360	49.81
13	4059	684	288	5031	922	1870	4923	5012	-728	-640	12195	864	13059	3072	16131	49.73
14	4126	480	340	4946	1339	1897	4866	4551	-715	-634	12099	771	12870	3062	15932	49.80
15	4148	636	289	5073	1201	1904	4746	4626	-729	-653	12151	629	12780	3075	15855	49.49
16	4251	833	288	5372	1270	1893	4288	4203	-741	-647	12091	705	12796	3079	15875	49.62
17	4387	423	287	5097	1448	1891	4267	4333	-758	-673	12096	819	12915	3075	15990	49.74
18	4313	209	295	4817	1290	1904	4204	3945	-690	-650	11306	785	12091	2987	15078	49.87
19	4313	132	297	4742	1278	1884	4240	3939	-671	-726	11117	601	11718	2822	14540	49.88
20	4236	335	287	4858	1153	1907	4376	4344	-676	-619	11643	660	12303	2822	15125	49.63
21	4222	728	300	5250	1240	1904	4404	4416	-705	-540	12297	656	12953	2747	15700	49.66
22	4187	578	300	5065	1149	1913	4444	4137	-747	-611	11679	615	12294	2691	14985	49.73
23	4155	1042	300	5497	965	1918	4441	3752	-819	-557	11601	328	11929	2488	14417	49.49
24	4182	1040	295	5517	941	1948	4376	3860	-842	-602	11690	249	11939	2444	14383	49.45
MUs	99.45	11.12	8.62	119.18	26.48	43.79	105.85	108.98	-15.54	-13.09	285.46	14.44	299.89	61.86	361.76	49.76

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 26/Jun/2012

Position as on 6.30 Hrs of 27/Jun/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
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	
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.	
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.	
Parli Unit 3	210	25/06/2012	00.26		Continued.	MS2 volve leakage.	27/06/2012
Dabhol 3B	230	25/06/2012	09.41		Continued.	Gas Shortage	
Paras Unit 4	250	26/06/2012	03.50	26/06/2012	14.46	Generator Protection	
CPP JSW (J) U3	300	26/06/2012	05.30	26/06/2012	10.48	Generator Transformer CB tripped	
Koyna Unit 8	80	26/06/2012	07.05	26/06/2012	20.30	E/F Indication appeared	
Uran Unit 5	108	26/06/2012	12.50		Continued.	Gas Shortage	
Koradi Unit 5	200	26/06/2012	21.06		Continued.	High Drum Level	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2012

Position as on 6.30 Hrs of 27/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765KV Seoni - Wardha - II	13/06/2012	16.09		Continued.	Over Voltage
Karad - Solapur (PGCIL)	26/06/2012	01.32	26/06/2012	11.44	B Phase CVT heavy oil leakage
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur - Mapusa - II	24/06/2012	17.12		Continued.	Over Voltage.
Parli-Parli (PGCIL) I	26/06/2012	00.32		Continued.	Tripped
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
Bablswr-Padgha Ckt I	26/06/2012	09.52	26/06/2012	18.37	Insulator replacement work
Newkoyna - Jaigad - I	26/06/2012	12.19	26/06/2012	13.49	ABT Meter Installation Work.
New Koyna - Jaigad - II	26/06/2012	14.10	26/06/2012	15.14	For New ABT Meter Installation @ Jaigad.
Karad-Jaigad I	26/06/2012	15.27	26/06/2012	20.10	For New ABT Meter Installation @ Jaigad.
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.
Apta-Uran-IV	26/06/2012	07.59		Continued.	Shifting of Equipments.
220 KV TBC @ Kharghar	26/06/2012	09.33	26/06/2012	16.45	RCC to New G I Structure
Miraj - Mhaisal	26/06/2012	09.52	26/06/2012	19.55	Replacement of Faulty String Insulator
Nasik - Airoli - Knowledge Park	26/06/2012	11.17	26/06/2012	13.54	For Passing ODC From Sinnar-Ghoti Highway
Nasik - Ghatghar	26/06/2012	11.23	26/06/2012	13.34	For Passing ODC From Sinnar-Ghoti Highway
Jejury - Lonand	26/06/2012	13.42	26/06/2012	17.25	Installation of New 220KV CT & P T.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Main Bus - I @ Karad	26/06/2012	02.12		Continued.	B Phase CVT heavy oil leakage
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	25/06/2012	17.10	26/06/2012	10.28	Over Voltage
Karad-New Koyna II	25/06/2012	23.38	26/06/2012	08.23	B Phase CVT heavy oil leakage
Karad - Kolhapur - I	26/06/2012	01.43		Continued.	B Phase CVT heavy oil leakage(Taken on TBC)
Karad - Newkoyna - I	26/06/2012	02.05	26/06/2012	09.59	B Phase CVT heavy oil leakage
400/220KV 315MVA ICT-III at Karad.	26/06/2012	02.10	26/06/2012	03.42	B Phase CVT heavy oil leakage(Shifted on Main Bus-II)
Bhusawal- Aurangabad	26/06/2012	16.31		Continued.	Over Voltage.
400/220KV 500MVA ICT- I at Khaperkheda	26/06/2012	22.48		Continued.	Heavy Red Hot on Y Phase LV Side Breaker
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Dhule-Chalisgaon	22/06/2012	15.12		Continued.	To avail outage of 315 MVA ICT.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2012

Position as on 6.30 Hrs of 27/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kalwa-Temghar	26/06/2012	03.10	26/06/2012	04.10	Compressor problem
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - II	24/06/2012	20.40	26/06/2012	09.17	Over Voltage.
400/220KV,500MVA ICT-II at Khaparkheda.	26/06/2012	20.43		Continued.	R Phase LV side CT Burst
Parli-Lonikand -I	26/06/2012	22.55	27/06/2012	02.58	C Phase Line Reactor Burnt at Lonikand(The same is bypassed)
Karad - Kolhapur - II	27/06/2012	05.27		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/6.6 KV 40 MVA Station T/F- I @ Khaparkheda	13/06/2012	12.40		Continued.	Bus Duct P.M work & Oil filtration work. (8 days).
220/132 KV 100 MVA ICT @ Gadchiroli	18/06/2012	15.31		Continued.	Differential Protection operated
220/132 150MVA ICT- II @ Nanded	26/06/2012	10.30	26/06/2012	11.42	132KV Bus Bar Prot.operated
220/132KV,200MVA ICT- III At Nanded.	26/06/2012	10.30	26/06/2012	11.45	132KV Bus Bar Prot.operated
Khaparkheda New - Khaparkheda Old - II	26/06/2012	20.43		Continued.	Bus Bar prot.operated
Girwali-New Parly TPS	26/06/2012	20.53	26/06/2012	21.34	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Main Bus @ Nanded	26/06/2012	10.30	26/06/2012	10.55	132KV Bus Bar Prot.operated
Nanded - Umri	26/06/2012	10.30	26/06/2012	10.55	132KV Bus Bar Prot.operated
Nanded - Narsi	26/06/2012	10.30	26/06/2012	12.35	132KV Bus Bar Prot.operated
Nanded - Tamsa	26/06/2012	10.30	26/06/2012	13.04	132KV Bus Bar Prot.operated

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	155
Unit 7	210	150
	620	305
Bhusawal		
Unit 2	210	140
Unit 3	210	160
Unit 4	500	
Unit 5	500	
	1420	300
Parli		
Unit 3	210	0
Unit 4	210	125
Unit 5	210	175
Unit 6	250	0
Unit 7	250	175
	1130	475
Chandrapur		
Unit 1	210	155
Unit 2	210	145
Unit 3	210	170
Unit 4	210	195
Unit 5	500	350
Unit 6	500	400
Unit 7	500	350
	2340	1765
Paras		
Unit 3	250	0
Unit 4	250	200
	500	200
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	0
	1340	630
Nasik		
Unit 3	210	210
Unit 4	210	190
Unit 5	210	190
	630	590
Uran		
All Units	852	280
	852	280
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	14
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	
	611	172
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	440
Other CPPs	0	
	1005	1540
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	4573
	3455	4573