



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/May/2012

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.549	3155.688	1) Gujrat	7.980	118.294
2) Hydro	13.755	426.448	2) Madhya Pradesh	23.962	471.617
3) Gas	12.376	298.898	3) Chattisgarh	12.340	287.930
Total MSGENCO	150.680	3881.034	4) Maharashtra	51.557	1563.787
B) OTHERS			5) Goa	-7.702	-180.682
1) JSW JAIGAD	27.530	710.968	6) TAPS 1&2 Injection	7.725	200.911
2) WPCL	7.644	225.907	7) RGPPL Injection	22.305	559.497
3) Other CPP / IPP	6.436	204.249	8) Pench (Excess)	-0.149	-3.419
4) Wind Generation	20.307	370.275	# Total Cent. Sector	118.018	3017.935
5) PENCH (MS)	0.149	3.419	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-14.621	-355.822
1) TPCL Thermal	25.564	714.719	G) Bilateral Power *		
2) TPCL Hydro	4.453	104.598	1) MSEDCL Bilateral	36.104	993.737
TOTAL TPCL	30.017	819.317	Include PX	0.000	-3.548
3) REL Thermal	12.533	312.005	2) MUMBAI Bilateral	14.748	373.466
D) STATE			Include PX	1.634	69.214
1) Thermal (A1+C1+C3)	162.646	4182.412	3) MUMBAI Schedule	14.748	379.165
2) Hydro (A2+B5+C2)	18.357	534.465	H) ENERGY CATERED (MUs)		
3) Gas (A3)	12.376	298.898	1) MSEDCL	316.143	8057.965
4) Wind (B4)	20.307	370.275	2) TPCL	37.785	983.602
5) CPP (B1+B2+B3)	41.610	1141.124	3) REL	19.385	503.492
TOTAL STATE	255.296	6527.174	TOTAL STATE	373.313	9545.059

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	5186	5276	5290
MSGENCO Hydro	898	1517	98
MSGENCO Gas	510	510	519
MSGENCO Total Generation	6594	7303	5907
Central Sector Receipt	4996	4462	4515
WIND	928	867	1102
CPP / IPP	1787	1761	1776
Exchange with Mumbai	-670	-709	-485
MSEDCL DEMAND MET	13635	13684	12815
Load Shedding	792	533	115
MSEDCL DEMAND	14427	14217	12930
TPCL GENERATION	1568	1452	883
R-INFRA GENERATION	520	523	526
TPCL+R-INFRA DEMAND	2758	2684	1894
STATE DEMAND MET	16393	16368	14709
STATE DEMAND	17185	16901	14824
Frequency (Hz)	49.75	49.74	49.79

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.47 Hz at 10.01 Hrs	49.04 Hz at 23.33 Hrs	49.75	1.68 % 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/May/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.91	83.90	141	100	125
Unit 6	3.27	79.09	150	125	140
Unit 7	3.96	82.76	180	145	175
Total	10.14	245.74			440
Bhusawal					
Unit 2	3.38	90.37	150	130	150
Unit 3	3.99	102.96	175	155	170
Unit 4	5.49	62.01	316	0	0
Unit 5	0.00	0.00	0	0	0
Total	12.86	255.33			320
Parli					
Unit 3	4.60	110.06	206	166	190
Unit 4	3.24	94.48	160	106	160
Unit 5	4.14	102.80	186	162	170
Unit 6	4.19	111.05	254	0	240
Unit 7	3.60	96.63	224	100	240
Total	19.78	515.02			1000
Chandrapur					
Unit 1	3.90	89.35	167	155	165
Unit 2	3.61	95.87	166	135	165
Unit 3	4.11	108.01	184	141	180
Unit 4	3.96	88.24	188	146	150
Unit 5	10.81	280.27	460	435	450
Unit 6	0.00	195.81	0	0	0
Unit 7	10.23	202.77	437	410	425
Total	36.62	1060.33			1535
Paras					
Unit 3	6.09	141.82	258	250	250
Unit 4	0.00	0.59	0	0	0
Total	6.09	142.41			250
Khaparkheda					
Unit 1	4.38	106.29	195	160	180
Unit 2	4.44	109.74	193	172	180
Unit 3	4.86	117.20	213	180	200
Unit 4	4.42	119.15	195	174	190
Unit 5	6.94	132.80	326	250	300
Total	25.05	585.17			1050
Nasik					
Unit 3	5.14	127.36	225	190	210
Unit 4	4.39	112.32	201	162	200
Unit 5	4.49	112.00	196	180	180
Total	14.01	351.69			590
Uran					
All Units	12.38	298.90	522	500	410
Total	12.38	298.90			410
PENCH (MS)					
Pench (MS)	0.15	3.42	25	0	
Total	0.15	3.42			
Koyna					
Stage 1-2	4.20	118.67	555	40	600
Stage 4	3.18	142.38	568	0	250
Stage 3	1.79	57.39	240	0	320
Kovna 12&4 Total	7.38	261.05			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	9.18	318.44			1170
Hydro					
KDPH	0.38	16.90	16	16	36
VTRNA	1.05	26.15	61	0	60
TILLARI	0.00	1.95	0	0	0
BHTGR/VEER	0.00	2.31	0	0	0
BHIRA T.R.	0.22	5.08	69	0	40
RNGR+BHTSA	0.25	6.98	11	10	10
BHANDARDRA	0.25	11.72	11	10	10
ELDARY	0.00	1.74	0	0	0
SMLHY PTN	0.47	13.88	25	17	21
GHATGHAR	1.95	21.29	250	0	0
Total	4.58	108.00			177
Wind					
MalharPeth	1.06	14.09			
Vankuswadi	1.20	20.26			
ATIT	0.82	4.65			
Kale	0.48	7.85			
Satara	0.35	24.26			
Shirala	1.08	8.02			
K Mahankal	0.61	15.81			
Supa	0.35	5.62			
Vita	1.30	28.94			
Dondaicha	8.77	169.88			
Sakri	1.13	20.30			
Nandurbar	0.74	16.21			
Khandke	1.39	18.65			
Khaparale	1.03	15.74			
Total	20.31	370.28			
CPP					
JSW JAIGAD	27.53	710.97	1214	898	1085
WARDHA	7.64	225.91	345	280	340
Other CPPs	6.44	204.25			
Total	41.61	1141.12			1425
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.58	289.73	503	284	500
Trombay 6	4.44	160.34	217	156	500
Trombay 7A	2.91	74.98	124	116	120
Trombay 7B	1.61	41.93	69	65	60
Trombay 8	6.02	147.73	253	249	250
TATA Hydro	4.45	104.60	441	0	447
Total	30.02	819.32			1877
REL					
1&2	12.53	312.00	526	514	500
Total	12.53	312.00			500
Cent Sect					
Share					5462
Total					5462

MS PG CL	Thermal	124.55	3155.69			5185
	Thml+Gas	136.92	3454.59			5595
	Hydro	13.76	426.45			1347
	Total	150.68	3881.03			6942
State Total		255.30	6527.17			16206

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/May/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	5282	416	518	6216	966	1769	5489	5175	-789	-759	13367	138	13505	2345	15850	49.69
2	5283	98	518	5899	990	1784	5370	5187	-662	-640	13220	88	13308	2152	15460	49.72
3	5236	93	517	5846	1091	1782	5278	4832	-566	-580	12971	101	13072	2027	15099	49.75
4	5247	103	520	5870	1113	1786	5218	4604	-506	-530	12843	107	12950	1937	14887	49.80
5	5290	98	519	5907	1102	1776	5186	4515	-446	-485	12815	115	12930	1894	14824	49.79
6	5251	103	519	5873	1098	1758	5157	4834	-396	-478	13085	173	13258	1915	15173	49.75
7	5256	96	521	5873	1050	1774	5133	4872	-339	-423	13146	292	13438	1884	15322	49.87
8	5309	154	522	5985	864	1751	5066	4813	-280	-349	13064	285	13349	1919	15268	49.88
9	5250	167	515	5932	861	1789	5061	5081	-323	-318	13345	307	13652	2089	15741	49.91
10	5219	205	517	5941	913	1802	5384	5344	-569	-499	13501	528	14029	2400	16429	49.94
11	5181	714	512	6407	746	1794	5688	5475	-740	-656	13766	542	14308	2687	16995	49.87
12	5186	898	510	6594	928	1787	5533	4996	-779	-670	13635	792	14427	2758	17185	49.75
13	5159	819	512	6490	751	1788	5477	5029	-789	-686	13372	915	14287	2758	17045	49.78
14	5315	569	517	6401	884	1790	5464	4955	-767	-671	13359	762	14121	2704	16825	49.72
15	5404	765	500	6669	685	1790	5365	5146	-775	-705	13585	593	14178	2738	16916	49.60
16	5372	1452	505	7329	753	1801	4777	4800	-781	-709	13974	496	14470	2745	17215	49.71
17	5276	1517	510	7303	867	1761	4740	4462	-740	-709	13684	533	14217	2684	16901	49.74
18	5244	783	517	6544	802	1733	4655	4199	-660	-746	12532	496	13028	2597	15625	49.85
19	5307	178	518	6003	737	1744	4697	4427	-630	-822	12113	464	12577	2500	15077	50.02
20	5023	842	522	6387	547	1681	4899	4704	-672	-690	12654	682	13336	2568	15904	49.75
21	5020	572	517	6109	611	1654	5311	5060	-605	-646	12813	685	13498	2594	16092	49.70
22	4882	524	520	5926	651	1508	5330	5053	-622	-607	12556	670	13226	2505	15731	49.67
23	4798	1111	515	6424	652	1488	5256	5251	-654	-641	13199	265	13464	2430	15894	49.45
24	4759	1478	515	6752	645	1520	5201	5204	-659	-602	13544	197	13741	2341	16082	49.35
MUs	124.55	13.75	12.38	150.68	20.31	41.61	124.74	118.02	-14.75	-14.62	316.14	10.23	326.37	57.17	383.54	49.75

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/May/2012

Position as on 6.30 Hrs of 27/May/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.	30/05/2012
Cent_Sect NTPC(V-3)	210	20/05/2012	00:25		Continued.	AOH.	
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	
Dabhol 1X	290	31/03/2012	19:43		Continued.	Maintenance work.	
Dabhol 1B	230	31/03/2012	19:45		Continued.	Maintenance work.	
Uran Unit B0	120	22/05/2012	12.29		Continued.	Y Phase Bushing Oil Leakage.	
Koyna ST - IV 4	250	24/05/2012	16.00		Continued.	Replacement of spherical valve servomotor seal.	31/05/2012
CPP WPCL U-1	135	25/05/2012	13.18	26/05/2012	23.18	ID fan problem.	
Dabhol 3A	230	26/05/2012	11.35		Continued.	Gas shortage.	
Bhusawal Unit 4	500	26/05/2012	19.00	27/05/2012	01.49	Drum level high.	
Parli Unit 6	250	26/05/2012	20.53	27/05/2012	01.28	Boiler problem,furnace pressure high.	
Cent_Sect NTPC(K-4)	500	26/05/2012	22.56		Continued.	Economiser tube leakage.	
CPP WPCL U-3	135	27/05/2012	07.00	27/05/2012	08.08	High furnace pressure.	

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

Position as on 6.30 Hrs of 27/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola - Wardha - I	26/05/2012	08.07		Continued.	765KV Koradi-Akola stringing work
Akola - Wardha - II	26/05/2012	08.31		Continued.	765KV Koradi-Akola stringing work.
Akola - Aurangabad - I	26/05/2012	18.49	26/05/2012	19.22	To take reactor in service at Akola end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Seoni - I	22/05/2012	08.59		Continued.	To Control Line Loading.
Kolhapur - Mapusa - I	26/05/2012	18.05	27/05/2012	09.31	Over Voltage.
Dhule-Sar'Sarovar - I	27/05/2012	00.13		Continued.	Over Voltage.
Parli (PG) - Wardha (PG) - II	27/05/2012	08.28		Continued.	To control load on Wardha-Deoli.
Kolhapur - Mapusa - I	27/05/2012	17.29		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Parly(PG) - Wardha (PG) - I	27/05/2012	08.07		Continued.	To control load on Wardha-Deoli.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	22/03/2012	11.00	26/05/2012	07.19	High tan delta value of bushing.
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
Akola - Bhusawal	25/05/2012	09.47	26/05/2012	07.19	R.M.Work.(Ready for charging on 25.05.2012 at 18.57 hrs.)
Kalwa-Kharghar	26/05/2012	10.30	26/05/2012	16.47	Hot spot attending work.
400/220KV 500MVA ICT-III at Bableshwar	26/05/2012	15.55		Continued.	Faulty cable replacement work.
Newkoyna - Jaigad - I	27/05/2012	08.05	27/05/2012	20.34	Replacement of porcellain insulator with polymer.
Deepnagar-Aurangabad-I	27/05/2012	10.52	27/05/2012	15.35	Attending sparking problem.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthing work
Kharghar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthing work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
220/132 KV 200 MVA ICT - V @ Nasik (OCR) New	26/05/2012	08.30	26/05/2012	12.20	Q.M.Work
Pedambe - Mahad	26/05/2012	08.48	26/05/2012	17.48	Replacement of disc insulator.
220/132KV 150 MVA ICT II @ Nasik	26/05/2012	10.00	26/05/2012	12.10	R.M.Work
Jindal-Ghatghar	26/05/2012	10.07	26/05/2012	22.26	R.M.Work.
Bale-Usmanabad	26/05/2012	13.24	26/05/2012	16.04	Testing work.
Bus Coupler at Varsova	27/05/2012	08.09	27/05/2012	19.56	Maintenance work.
Dahanu-Bhoisor	27/05/2012	09.48	27/05/2012	18.12	Breaker pole overhauling work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	25/05/2012	18.05	27/05/2012	10.47	Over Voltage.

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

Position as on 6.30 Hrs of 27/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	27/05/2012	16.16		Continued.	Over Voltage
Aurangabad-Deepnagar-II	27/05/2012	18.18		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Alephata	26/05/2012	13.53		Continued.	To control load at BBLSR.
Voltage Level : 400KV			Outage Type TRIPPED		
New Koyna - Jaigad - II	26/05/2012	05.05	26/05/2012	17.08	Y-Ph,E/F declared faulty.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/May/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	120
Unit 6	210	110
Unit 7	210	165
	620	395
Bhusawal		
Unit 2	210	150
Unit 3	210	155
Unit 4	500	
Unit 5	500	
	1420	305
Parli		
Unit 3	210	198
Unit 4	210	134
Unit 5	210	170
Unit 6	250	190
Unit 7	250	185
	1130	877
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	185
Unit 4	210	165
Unit 5	500	470
Unit 6	500	0
Unit 7	500	425
	2340	1575
Paras		
Unit 3	250	250
Unit 4	250	0
	500	250
Khaparkheda		
Unit 1	210	160
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
Unit 5	500	200
	1340	870
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	190
	630	610
Uran		
All Units	852	500
	852	500
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	16
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	10
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	145
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	1090
WARDHA	405	400
Other CPPs	0	
	1005	1490
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	5242
	3455	5242