



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Mar/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Mar/2012 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.991	3217.622	1) Gujrat	12.924	254.250
2) Hydro	6.537	229.578	2) Madhya Pradesh	29.083	591.440
3) Gas	12.626	311.667	3) Chattisgarh	14.360	339.960
Total MSGENCO	137.154	3758.867	4) Maharashtra	60.330	1413.086
B) OTHERS			5) Goa	-7.276	-173.133
1) JSW JAIGAD	26.298	652.560	6) TAPS 1&2 Injection	7.754	192.652
2) WPCL	8.305	212.553	7) RGPPL Injection	21.894	643.379
3) Other CPP / IPP	8.083	209.116	8) Pench (Excess)	-0.192	-7.725
4) Wind Generation	3.168	157.039	# Total Cent. Sector	138.877	3253.909
5) PENCH (MS)	0.192	10.140	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.657	-194.704
1) TPCL Thermal	29.743	703.433	G) Bilateral Power *		
2) TPCL Hydro	4.942	83.476	1) MSEDCL Bilateral	34.341	1077.582
TOTAL TPCL	34.685	786.909	Include PX	12.011	41.962
3) REL Thermal	12.638	337.081	2) MUMBAI Bilateral	9.603	257.762
D) STATE			Include PX	1.167	-27.911
1) Thermal (A1+C1+C3)	160.372	4258.136	3) MUMBAI Schedule	9.603	258.323
2) Hydro (A2+B5+C2)	11.671	323.194	H) ENERGY CATERED (MUs)		
3) Gas (A3)	12.626	311.667	1) MSEDCL	312.420	8059.480
4) Wind (B4)	3.168	157.039	2) TPCL	37.962	886.200
5) CPP (B1+B2+B3)	42.686	1074.229	3) REL	19.015	432.481
TOTAL STATE	230.523	6124.265	TOTAL STATE	369.397	9378.161

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	4949	4902	4930
MSGENCO Hydro	336	403	184
MSGENCO Gas	539	563	424
MSGENCO Total Generation	5824	5868	5538
Central Sector Receipt	6346	5537	5590
WIND	83	88	248
CPP / IPP	1804	1772	1720
Exchange with Mumbai	-490	-425	-297
MSEDCL DEMAND MET	13567	12840	12799
Load Shedding	1809	1835	446
MSEDCL DEMAND	15376	14675	13245
TPCL GENERATION	1859	1849	817
R-INFRA GENERATION	526	527	529
TPCL+R-INFRA DEMAND	2875	2801	1643
STATE DEMAND MET	16442	15641	14442
STATE DEMAND	18251	17476	14888
Frequency (Hz)	49.87	49.92	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 17.01 Hrs	49.16 Hz at 19.11 Hrs	49.84	.19 % 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 27/Mar/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	54.02	0	0	0
Unit 6	3.89	87.87	177	147	150
Unit 7	4.15	79.09	190	140	150
Total	8.04	220.98			300
Bhusawal					
Unit 2	4.30	94.44	195	160	180
Unit 3	4.36	115.97	200	170	190
Unit 4	0.00	15.22	0	0	
Total	8.66	225.64			370
Parli					
Unit 3	0.00	66.41	0	0	0
Unit 4	3.37	109.02	155	132	140
Unit 5	2.81	99.14	146	106	115
Unit 6	4.12	117.18	186	151	165
Unit 7	4.14	82.69	191	152	160
Total	14.43	474.44			580
Chandrapur					
Unit 1	0.00	40.24	0	0	0
Unit 2	4.02	107.31	171	164	170
Unit 3	4.57	98.70	199	176	190
Unit 4	4.57	126.78	202	161	210
Unit 5	10.94	227.91	470	435	475
Unit 6	10.69	289.08	465	415	450
Unit 7	10.91	279.32	466	439	450
Total	45.71	1169.33			1945
Paras					
Unit 3	5.51	146.83	264	168	250
Unit 4	5.71	119.71	261	172	250
Total	11.22	266.54			500
Khaparkheda					
Unit 1	4.90	127.83	215	195	210
Unit 2	0.00	104.16	0	0	0
Unit 3	5.12	114.64	221	205	210
Unit 4	5.32	129.98	223	220	210
Unit 5	0.00	0.00	0	0	
Total	15.33	476.62			630
Nasik					
Unit 3	5.10	134.24	220	200	200
Unit 4	4.84	126.33	210	162	200
Unit 5	4.67	123.51	208	185	190
Total	14.61	384.08			590
Uran					
All Units	12.63	311.67	591	418	620
Total	12.63	311.67			620
PENCH (MS)					
Pench (MS)	0.19	10.14	50	0	
Total	0.19	10.14			
Koyna					
Stage 1-2	1.81	61.64	265	40	440
Stage 4	0.05	35.22	53	0	250
Stage 3	0.34	20.93	160	0	320
Total	2.20	117.79			1010
Kovna 12&4 Total	1.86	96.86			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.74	15.99	38	18	19
VTRNA	0.00	1.02	0	0	0
TILLARI	0.36	9.77	60	0	60
BHTGR/VEER	0.48	5.92	21	20	21
BHIRA T.R.	0.21	3.92	70	0	40
RNGR+BHTSA	0.31	8.77	13	12	13
BHANDARDRA	0.75	8.48	32	31	33
ELDARY	0.27	7.54	12	10	
SMLHY PTN	0.88	24.36	37	36	
GHATGHAR	0.33	26.03	100	0	
Total	4.34	111.79			186
Wind					
MalharPeth	0.11	6.97			
Vankuswadi	0.19	10.26			
ATIT	0.02	2.89			
Kale	0.07	4.48			
Satara	0.24	17.86			
Shirala	0.06	5.55			
K Mahankal	0.30	9.59			
Supa	0.06	3.51			
Vita	0.30	23.71			
Dondaicha	1.16	48.81			
Sakri	0.24	6.70			
Nandurbar	0.12	4.92			
Khandke	0.04	6.86			
Khaparale	0.23	4.93			
Total	3.17	157.04			
CPP					
JSW JAIGAD	26.30	652.56	1162	1051	995
WARDHA	8.30	212.55	364	313	349
Other CPPs	8.08	209.12			
Total	42.69	1074.23			1344
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.11	282.44	506	299	500
Trombay 6	8.50	181.31	498	155	500
Trombay 7A	2.80	76.29	129	97	120
Trombay 7B	1.59	41.87	70	60	60
Trombay 8	5.74	121.52	252	165	250
TATA Hydro	4.94	83.48	459	0	447
Total	34.68	786.91			1877
REL					
1&2	12.64	337.08	529	525	500
Total	12.64	337.08			500
Cent Sect					
Share					5589
Total					5589

MS PG CL	Thermal	117.99	3217.62			4915
	Thml+Gas	130.62	3529.29			5535
	Hydro	6.54	229.58			1196
	Total	137.15	3758.87			6731
State Total		230.52	6124.26			16041

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/Mar/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	5001	373	445	5819	150	1706	5368	5989	-449	-492	13177	176	13353	2071	15424	49.72
2	4955	173	454	5582	243	1711	5256	5705	-332	-368	12873	357	13230	1895	15125	49.81
3	4915	169	466	5550	265	1722	5258	5532	-332	-365	12704	418	13122	1782	14904	49.92
4	4901	169	466	5536	256	1720	5226	5580	-287	-315	12777	439	13216	1675	14891	49.89
5	4930	184	424	5538	248	1720	5205	5590	-265	-297	12799	446	13245	1643	14888	49.92
6	4952	220	496	5668	251	1747	5162	5685	-236	-244	13107	611	13718	1723	15441	49.77
7	5004	175	591	5770	180	1809	5301	5611	-264	-256	13114	1476	14590	1825	16415	49.87
8	5004	170	585	5759	88	1801	5303	5645	-290	-287	13006	1637	14643	1946	16589	50.03
9	4947	194	505	5646	84	1811	5349	5591	-356	-403	12729	1676	14405	2238	16643	49.87
10	4891	248	418	5557	111	1815	5412	5777	-366	-425	12835	1828	14663	2605	17268	49.91
11	4966	334	479	5779	103	1808	5510	5940	-396	-450	13180	1883	15063	2825	17888	49.82
12	4949	336	539	5824	83	1804	5672	6346	-492	-490	13567	1809	15376	2875	18251	49.87
13	4957	189	539	5685	70	1810	5714	6318	-472	-475	13408	1949	15357	2872	18229	49.98
14	4945	195	549	5689	82	1809	5731	6329	-489	-447	13462	1732	15194	2768	17962	49.86
15	4936	321	548	5805	98	1808	5676	6184	-445	-448	13447	1547	14994	2838	17832	49.76
16	4912	674	556	6142	88	1802	5292	5676	-455	-416	13292	1737	15029	2819	17848	49.77
17	4902	403	563	5868	88	1772	5243	5537	-505	-425	12840	1835	14675	2801	17476	49.92
18	4900	193	571	5664	88	1773	5362	5102	-420	-422	12205	1401	13606	2740	16346	50.07
19	4807	255	572	5634	81	1830	5413	5318	-366	-431	12450	1094	13544	2719	16263	49.81
20	4758	437	568	5763	88	1836	5792	5833	-445	-418	13152	894	14046	2721	16767	49.67
21	4814	344	573	5731	120	1832	5951	5844	-460	-439	13138	712	13850	2603	16453	49.68
22	4885	202	573	5660	113	1827	5955	5803	-474	-467	12954	515	13469	2477	15946	49.78
23	4890	222	573	5685	89	1716	5824	5998	-503	-451	13062	477	13539	2334	15873	49.75
24	4870	357	573	5800	101	1697	5729	5943	-503	-426	13141	351	13492	2185	15677	49.73
MUs	117.99	6.54	12.63	137.15	3.17	42.69	131.70	138.88	-9.60	-9.66	312.42	27.00	339.42	56.98	396.40	49.84

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 27/Mar/2012

Position as on 6.30 Hrs of 28/Mar/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC(K-1)	210	20/12/2011	13.44		Continued.	Annual Overhaul.	31/03/2012
Koyna UNIT 6	75	10/03/2012	07.05		Continued.	Pressure Shaft work	28/03/2012
Koyna Unit 5	80	10/03/2012	07.10		Continued.	Pressure Shaft work	28/03/2012
Chandrapur Unit 1	210	11/03/2012	08.48		Continued.	Annual Overhaul	07/04/2012
FORCED OUTAGE							
Dabhol 3B	230	04/02/2012	23.43		Continued.	Gas Shortage	
Khaparkheda Unit 5	500	13/02/2012	22.18		Continued.	Low Vaccum.	
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
Dabhol 3A	230	07/03/2012	15.42		Continued.	Gas shortage.	
Dabhol 3X	290	07/03/2012	15.42		Continued.	Gas shortage.	
Cent_Sect TARAPUR-3	540	15/03/2012	22.13		Continued.	Primary coolant pump fail.	
CPP WPCL U-2	135	19/03/2012	03.21		Continued.	Precepitator & Gas Fillter Replacement Work.	
Koradi Unit 5	200	19/03/2012	06.30		Continued.	I D Fan Problem.	
Dabhol 2B	230	23/03/2012	21.39	27/03/2012	09.57	Gas shortage.	
Parli Unit 3	210	23/03/2012	23.57		Continued.	Coal shortage.	
Khaparkheda Unit 2	210	25/03/2012	13.08		Continued.	Boiler Tube Leakage.	
Bhusawal Unit 4	500	25/03/2012	17.37		Continued.	Gen.Protection.	
Uran Unit B0	120	26/03/2012	06.50	27/03/2012	03.05	Bus fault.	
Dabhol 2A	230	27/03/2012	13.45	27/03/2012	16.32	Low drum level.	
Dabhol 2X	290	27/03/2012	13.49	27/03/2012	15.11	Low drum level.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2012

Position as on 6.30 Hrs of 28/Mar/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar - I	27/03/2012	10.59	27/03/2012	22.52	Cloth cleaning work at SSP end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	24/03/2012	11.47		Continued.	Over Voltage
765KV Seoni - Wardha - II	24/03/2012	12.18		Continued.	Hand Tripped
Dhule - S'Sarovar- II	26/03/2012	17:10	27/03/2012	09:35	Over Voltage.
Kolhapur - Mapusa - I	26/03/2012	17:22	27/03/2012	08:57	Over Voltage.
Dhule-Sar'Sarovar - I	28/03/2012	03.50		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Solapur (PG)-South Solapur I	28/02/2012	21.59		Continued.	H/T.After Test Charge.
Voltage Level : 220KV			Outage Type TRIPPED		
MUDSHINGI-CHIKODI	27/03/2012	06.40		Continued.	Dist.Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/11 KV 80 MVA Station T/F 4A @ Deepnagar	03/01/2012	10.15		Continued.	Replacement of H V Bushing.
400/220 KV,500MVA ICT-II at Deepnagar.	10/01/2012	10.30		Continued.	Connection of L V Side Jumpers of ICT -I & II Span Stringing & Testing Work.
50 MVAR Reactor of Parli-Chandrapur - III	22/03/2012	11.00		Continued.	Tan Delta Value of R Phase Bushing high
400/220 KV 105 MVA Spare ICT - I at Nagothane.	26/03/2012	11:28		Continued.	Oil Filtration Work.
Karad-Jaigad I	27/03/2012	09.10	27/03/2012	19.12	Cold line insulator washing.
Karad - Lonikand	27/03/2012	09.45	27/03/2012	14.22	Repl.Of Y-Ph CVT.
Aux.Bus @ Kolhapur	27/03/2012	12.51		Continued.	Alignment and servicing of C bus pentograph isolator.
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 (Up to 30-03-2012)
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthing work
Khargar-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
Uran - Kharghar - I	19/02/2012	07.50		Continued.	Mumbai System Strengthening Work.
Chalisgaon-Khadka	26/03/2012	09:21		Continued.	Replacement of CB. (line taken on TBC).
Dahanu-Versova	26/03/2012	13:48		Continued.	For changing R-ph pilot string.
Trombay-Mulund	27/03/2012	06.57	27/03/2012	10.03	Hot Spot attending.
220/132 KV 100MVA ICT I at Pusad	27/03/2012	08.32	27/03/2012	11.43	To attend LV side Y-Ph CT oil leakage.
Parly - Harangul - I	27/03/2012	09.31	27/03/2012	13.12	Replacement of disc insulator.
Miraj - Kadegaon	27/03/2012	10.10	27/03/2012	12.32	Q.M.Work.
220/33 KV 100 MVA T/F - II @ Ghanatnandre	27/03/2012	11.00	27/03/2012	13.08	Q.M.Work
220 KV TBC @ Akola	27/03/2012	11.16	27/03/2012	12.25	To attend R-Ph CT leakage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2012

Position as on 6.30 Hrs of 28/Mar/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/100KV 100 MVA T/F-I @ Tambati	27/03/2012	11.20	27/03/2012	19.15	SFRA testing and oil leakage attending.
Nivali-N'koyna	27/03/2012	12.12	27/03/2012	17.56	Insulator cleaning and cold washing.
220 KV TBC @ Kalwa	27/03/2012	13.20		Continued.	Repl. of CT @ Borivali bay.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur - Bhusawal	27/03/2012	08.53		Continued.	Isolator replacement work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	16/02/2012	16.56		Continued.	Over Voltage.
Bhusawal- Aurangabad	26/03/2012	16:59	27/03/2012	08.57	Over Voltage.
Bhusawal- Aurangabad	27/03/2012	17.34		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur-Warora	22/03/2012	02.53		Continued.	To Control Warora-Wardha & Hinganghat Line Loading.
Wardha-Abhijeet I	23/03/2012	10.02		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet II	23/03/2012	10.02		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet I	27/03/2012	19.34		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet II	27/03/2012	19.35		Continued.	To control Koradi ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	21/01/2012	03.36		Continued.	Buchholz Alarm Persisting
Karad - Kolhapur - II	26/03/2012	06:54		Continued.	Distance Protection.
400/220KV 315MVA ICT- I @ Kharghar	27/03/2012	17.37	27/03/2012	17.49	Blowing of B-Ph PT fuse.
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 (Kept on Humming at 18.45Hrs/24-3-12)
Kolhapur-Mudsingi -I	27/03/2012	06.16	27/03/2012	09.01	Dist. Protection.
Aurangabad-Shendra	27/03/2012	15.12	27/03/2012	15.51	D/P, B-Ph, Z-I.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Mar/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	158
Unit 7	210	185
	620	343
Bhusawal		
Unit 2	210	180
Unit 3	210	190
Unit 4	500	0
	920	370
Parli		
Unit 3	210	0
Unit 4	210	140
Unit 5	210	110
Unit 6	250	165
Unit 7	250	160
	1130	575
Chandrapur		
Unit 1	210	0
Unit 2	210	170
Unit 3	210	170
Unit 4	210	160
Unit 5	500	470
Unit 6	500	450
Unit 7	500	450
	2340	1870
Paras		
Unit 3	250	250
Unit 4	250	230
	500	480
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	630
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	200
	630	620
Uran		
All Units	852	600
	852	600
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Hydro		
KDPH	40	36
VTRNA	60	0
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	25
GHATGHAR	250	0
	611	254
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	995
WARDHA	405	349
Other CPPs	0	
	1005	1344
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	5624
	3455	5624

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