



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Oct/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Oct/2012 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.400	2605.779	1) Gujrat	8.013	291.999
2) Hydro	16.932	257.439	2) Madhya Pradesh	20.547	467.455
3) Gas	9.726	238.575	3) Chattisgarh	13.540	310.512
Total MSGENCO	140.058	3101.793	4) Maharashtra	60.603	1534.857
B) 1) JSW JAIGAD	27.967	675.112	5) Goa	-6.836	-150.640
2) WPCL	7.987	207.887	6) TAPS 1&2 Injection	3.991	110.367
3) ADANI	9.540	208.570	7) RGPPL Injection	14.368	359.723
4) Other CPP / IPP	7.196	169.955	8) Pench (Excess)	-0.780	-18.492
5) Wind Generation	0.675	102.590	# Total Cent. Sector	113.446	2905.781
6) PENCH (MS)	0.780	18.492	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.415	-297.362
1) TPCL Thermal	29.998	711.853	G) Bilateral Power *		
2) TPCL Hydro	4.386	98.233	1) MSEDCL Bilateral	39.647	1122.207
TOTAL TPCL	34.384	810.086	Include PX	0.000	54.063
3) REL Thermal	12.567	313.118	2) MUMBAI Bilateral	14.659	341.687
D) STATE			Include PX	2.841	64.877
1) Thermal (A1+C1+C3)	155.965	3630.750	3) MUMBAI Schedule	14.659	341.687
2) Hydro (A2+B5+C2)	22.098	374.164	H) ENERGY CATERED (MUs)		
3) Gas (A3)	9.726	238.575	1) MSEDCL	294.234	7092.818
4) Wind (B4)	0.675	102.590	2) TPCL	40.327	951.159
5) CPP (B1+B2+B3)	52.690	1062.494	3) REL	20.038	469.383
TOTAL STATE	241.154	5408.573	TOTAL STATE	354.599	8513.360

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4670	4583	4794
MSGENCO Hydro	1546	1328	99
MSGENCO Gas	454	442	400
MSGENCO Total Generation	6670	6353	5293
Central Sector Receipt	5194	5055	3695
WIND	27	27	25
CPP / IPP	2284	2268	2108
Exchange with Mumbai	-806	-774	-220
MSEDCL DEMAND MET	13402	12954	10926
Load Shedding	838	509	24
MSEDCL DEMAND	14240	13463	10950
TPCL GENERATION	1722	1718	1029
R-INFRA GENERATION	525	522	525
TPCL+R-INFRA DEMAND	3053	3014	1774
STATE DEMAND MET	16455	15968	12700
STATE DEMAND	17293	16477	12724
Frequency (Hz)	49.94	50.14	50.24

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.5 Hz at 04.04 Hrs	49.7 Hz at 07.11 Hrs	50.09	0 % 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 25/Oct/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	70.29	0	0	0
Unit 7	3.84	56.32	175	145	140
Total	3.84	126.62			140
Bhusawal					
Unit 2	0.00	50.78	0	0	0
Unit 3	3.70	82.96	170	140	150
Unit 4	5.69	97.38	259	203	
Unit 5	0.00	0.00	0	0	
Total	9.40	231.12			150
Parli					
Unit 3	3.33	78.70	152	117	135
Unit 4	3.36	68.59	163	86	140
Unit 5	0.00	0.00	0	0	0
Unit 6	4.24	105.54	202	151	165
Unit 7	1.46	85.36	175	0	160
Total	12.40	338.18			600
Chandrapur					
Unit 1	3.48	83.18	154	132	150
Unit 2	3.32	82.26	155	109	140
Unit 3	4.19	98.70	195	130	200
Unit 4	4.35	83.55	192	158	200
Unit 5	9.86	162.23	430	395	400
Unit 6	10.19	212.46	475	395	400
Unit 7	9.27	204.63	450	307	400
Total	44.64	927.00			1890
Paras					
Unit 3	5.74	113.28	250	220	250
Unit 4	5.60	98.01	254	200	250
Total	11.35	211.30			500
Khaparkheda					
Unit 1	3.50	81.75	180	100	150
Unit 2	0.00	70.64	0	0	0
Unit 3	3.76	97.04	191	146	170
Unit 4	3.88	95.71	176	145	170
Unit 5	7.56	146.86	327	285	300
Total	18.69	492.01			790
Nasik					
Unit 3	4.45	106.18	200	170	200
Unit 4	4.20	71.29	184	162	180
Unit 5	4.43	102.09	203	170	190
Total	13.09	279.56			570
Uran					
All Units	9.73	238.58	464	353	450
Total	9.73	238.58			450
PENCH (MS)					
Pench (MS)	0.78	18.49	53	0	
Total	0.78	18.49			
Koyna					
Stage 1-2	4.08	81.45	545	40	600
Stage 4	7.27	82.38	823	0	250
Stage 3	2.44	37.04	258	0	320
Kovna 12&4 Total	11.35	163.83			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	13.79	200.87			1170
Hydro					
KDPH	0.00	0.19	0	0	0
VTRNA	0.00	0.24	0	0	0
TILLARI	0.17	5.02	54	0	0
BHTGR/VEER	0.12	3.43	5	4	5
BHIRA T.R.	0.22	6.18	77	0	80
RNGR+BHTSA	0.35	7.98	15	13	15
BHANDARDRA	0.62	7.05	26	25	10
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.16	12.13	14	4	10
GHATGHAR	1.50	14.35	240	0	0
Total	3.14	56.57			120
Wind					
MalharPeth	0.11	6.84			
Vankuswadi	0.19	11.44			
ATIT	0.01	2.71			
Kale	0.04	3.84			
Satara	0.20	16.71			
Shirala	0.03	4.14			
K Mahankal	0.00	9.42			
Supa	0.00	1.58			
Vita	0.07	20.67			
Dondaicha	0.00	14.26			
Sakri	0.00	2.00			
Nandurbar	0.00	1.38			
Khandke	0.01	4.27			
Khaparale	0.00	3.33			
Total	0.68	102.59			
CPP					
JSW JAIGAD	27.97	675.11	1218	1046	1100
WARDHA	7.99	207.89	368	230	365
Adani	9.54	208.57	400	390	
Other CPPs	7.20	169.96			
Total	52.69	1261.52			1465
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.54	281.97	501	427	500
Trombay 6	7.93	179.69	501	155	500
Trombay 7A	2.92	69.41	125	118	120
Trombay 7B	1.64	39.78	69	68	60
Trombay 8	5.97	141.00	256	178	250
TATA Hydro	4.39	98.23	306	0	318
Total	34.38	810.09			1748
REL					
1&2	12.57	313.12	527	520	500
Total	12.57	313.12			500
Cent Sect					
Share					4969
Total					4969

MS PG CL	Thermal	113.40	2605.78			4640
	Thml+Gas	123.13	2844.35			5090
	Hydro	16.93	257.44			1290
	Total	140.06	3101.79			6380
State Total		241.15	5408.57			15062

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Oct/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	4682	184	402	5268	32	2117	3980	4236	-523	-699	11005	8	11013	2180	13193	50.13
2	4782	89	400	5271	31	2111	3923	3854	-469	-435	10857	23	10880	1978	12858	50.18
3	4782	94	400	5276	28	2107	3926	3743	-469	-295	10884	23	10907	1850	12757	50.23
4	4794	99	400	5293	25	2108	3922	3695	-465	-220	10926	24	10950	1774	12724	50.24
5	4751	99	402	5252	25	2111	3911	3841	-453	-194	11060	25	11085	1744	12829	50.23
6	4822	89	403	5314	21	2101	4286	4317	-469	-220	11558	130	11688	1819	13507	50.08
7	4833	100	353	5286	28	2096	4239	4610	-469	-253	11784	540	12324	1871	14195	50.05
8	4851	320	356	5527	25	2251	4172	4692	-510	-358	12137	882	13019	1983	15002	49.97
9	4711	1118	390	6219	40	2279	4200	4433	-515	-417	12554	903	13457	2287	15744	50.05
10	4693	1574	378	6645	49	2278	4239	4639	-554	-538	13073	730	13803	2661	16464	50.12
11	4677	1612	439	6728	37	2270	4940	4985	-760	-685	13335	663	13998	2921	16919	49.92
12	4670	1546	454	6670	27	2284	5065	5194	-843	-806	13402	838	14240	3053	17293	49.94
13	4672	1336	446	6454	24	2272	4989	5259	-830	-791	13271	931	14202	3041	17243	50.00
14	4753	1244	451	6448	26	2275	4833	5090	-758	-735	13153	788	13941	2985	16926	50.04
15	4748	1290	464	6502	49	2269	4808	5356	-782	-798	13429	650	14079	3045	17124	50.14
16	4670	1494	454	6618	36	2258	4631	5208	-793	-804	13368	586	13954	3045	16999	50.04
17	4583	1328	442	6353	27	2268	4630	5055	-770	-774	12954	509	13463	3014	16477	50.14
18	4619	675	398	5692	18	2267	4703	4665	-682	-706	11963	462	12425	2940	15365	50.08
19	4643	1007	384	6034	21	2245	4879	5146	-727	-711	12785	377	13162	2971	16133	50.05
20	4604	930	385	5919	19	2132	5002	5144	-689	-661	12603	513	13116	2927	16043	50.10
21	4736	216	384	5336	19	2141	4958	5161	-531	-555	12150	485	12635	2753	15388	50.13
22	4799	98	383	5280	19	2151	4956	4966	-528	-568	11896	465	12361	2598	14959	50.21
23	4800	178	383	5361	24	2149	4674	5150	-539	-601	12133	219	12352	2508	14860	50.09
24	4725	212	375	5312	25	2150	4829	5007	-531	-591	11954	153	12107	2418	14525	50.06
MUs	113.40	16.93	9.73	140.06	0.68	52.69	108.70	113.45	-14.66	-13.42	294.23	10.93	305.16	60.37	365.53	50.09

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 25/Oct/2012

Position as on 6.30 Hrs of 26/Oct/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	
Parli Unit 5	210	06/09/2012	04.20		Continued.	Flame failure,converted to C.O.H from 15.09.2012(intimated on	29/10/2012
Koradi Unit 5	200	16/09/2012	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.	
FORCED OUTAGE							
Tata TATA Hydro	444	05/09/2012	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.	31/12/2012
Dabhol 2B	230	18/09/2012	18.42		Continued.	Gas shortage.	
Bhusawal Unit 5	500	29/09/2012	23.17		Continued.	B.T.G. & D.O.P. Work.	
Dabhol 2X	290	02/10/2012	07.15		Continued.	Gas Shortage.	
Dabhol 2A	230	02/10/2012	07.16		Continued.	Gas Shortage.	
Dabhol 1A	230	05/10/2012	15.00		Continued.	Gas Shortage.	
Uran Unit 8	108	07/10/2012	10.43		Continued.	Gas Shortage.	
Dabhol 1X	290	09/10/2012	13.56	25/10/2012	21.56	Gas Shortage.	
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
CPP WPCL U-2	135	17/10/2012	00.23		Continued.	Bottom ash problem.	
Bhusawal Unit 2	210	19/10/2012	22.22		Continued.	ID Fan Problem	
Parli Unit 7	250	20/10/2012	12.28	25/10/2012	00.16	Boiler Tube Leakage.	
Uran Unit B0	120	22/10/2012	15.24	25/10/2012	10.50	Gas Shortage	
Khaparkheda Unit 2	210	24/10/2012	07.45		Continued.	BLR T/L.	
Koradi Unit 6	210	24/10/2012	11.38		Continued.	Furnace draft high.	
Cent_Sect TARAPUR-4	540	24/10/2012	20:53		Continued.	Steam Generator Flow Down Line Leakage	
Parli Unit 7	250	25/10/2012	08.13	25/10/2012	19.58	Generator protection.	
CPP WPCL U-1	135	25/10/2012	1901		Continued.	Main steam leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2012

Position as on 6.30 Hrs of 26/Oct/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Solapur (PG) II	25/09/2012	20.43		Continued.	Over Voltage.
Kolhapur - Mapusa - I	20/10/2012	16.16	25/10/2012	09.30	Over Voltage.
Dhule-Sar'Sarovar - II	22/10/2012	22.43	25/10/2012	10.47	Over Voltage.
Kolhapur - Mapusa - II	25/10/2012	16.34		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	25/10/2012	22.12	26/10/2012	06.12	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona	25/10/2012	14.50	25/10/2012	15.06	LBB operated,backup O/C.
Mahalakshimi-Amona-I	25/10/2012	14.50	25/10/2012	15.01	VT fuse fail,R ph.over current.
Tillary-Amona	26/10/2012	05.20		Continued.	Distance protection R ph. to E/F,
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Maintenance work.
400/220KV,200MVA Spare ICT at Kalwa.	22/08/2012	09.57		Continued.	Replacement of Isolator
400 KV TBC @ Koradi	25/10/2012	09.54	25/10/2012	16.54	Annual maint.work and relay testing.
Parli-Lonikand - II	25/10/2012	10.20	25/10/2012	17.00	Attending hot spot on Y ph.
400 KV Inter connector at Lonikand II	25/10/2012	10.42	25/10/2012	16.45	Maintenance work.
400/220 KV 315 MVA ICT-II @ Chakan	25/10/2012	10.50	25/10/2012	18.01	Relay testing and maint.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.
Kalwa - Salshet - III	15/10/2012	09.11		Continued.	Replace Main Breaker,Taken on TBC,For 15 Days.
Kalwa - Khargar	19/10/2012	08.55		Continued.	Mumbai Strengthening work
Mahape - Siemens	19/10/2012	10.09		Continued.	Mumbai Strengthening work
Chandrapur - Chandrapur MIDC	25/10/2012	07.20		Continued.	Restranging wok .
Ambazari-Amravati	25/10/2012	08.11	25/10/2012	17.26	Replacement of disc insulator.
220/6.4 KV 315 MVA GT @ New Parly	25/10/2012	10.38	25/10/2012	15.35	Work on UAT 2B.
Mudshingi-Wathar	25/10/2012	10.43	25/10/2012	13.28	Replacement of B ph.CT.
Bhenda-Waluj	25/10/2012	12.04	25/10/2012	14.38	Testing work.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Theur - Kharadi	25/10/2012	12.05	25/10/2012	13.43	Gas leakage work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz protection operated.
Deepnagar-Aurangabad-I	21/10/2012	02.45		Continued.	Due to Carrier Failed.
Karad - Kolhapur - II	21/10/2012	21.09	25/10/2012	09.20	Over Voltage.
Khadka - Deepnagar - II	22/10/2012	21.51		Continued.	Over Voltage.
Bhusawal- Aurangabad	23/10/2012	20.02		Continued.	Over Voltage.
Karad-Jaigad I	24/10/2012	17.36	25/10/2012	08.56	Over Voltage.
Karad - Kolhapur - I	25/10/2012	00.21	25/10/2012	08.28	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2012

Position as on 6.30 Hrs of 26/Oct/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - I	25/10/2012	16.01		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Magarpatta - Sirum	21/07/2012	19.18		Continued.	To free TBC of Magarpatta.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT-II @ Dhule	04/08/2012	17.21		Continued.	B Ph. H V Side ICT-II Bushing Burst.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 100 MVA ICT @ Shahada	25/10/2012	16.56	25/10/2012	18.00	Over current.
Voltage Level : 132KV			Outage Type TRIPPED		
132/11 KV 16 MVA T/F - I @ Nanded	07/10/2012	04.25		Continued.	Caught Fired.
Tiwsa-Talegaon Ckt.	24/10/2012	10.52		Continued.	B-Ph CT Burst.
Parbhani - Pathri	25/10/2012	02.12	25/10/2012	02.18	Distance protection operated Z-1.
Harangul-Chakur	25/10/2012	03.10	25/10/2012	03.20	R-Ph E/F.
Amalner - Chopda	25/10/2012	11.07	25/10/2012	11.32	Distance protection operated.
Dhule - Dondaicha - II	25/10/2012	16.56	26/10/2012	01.20	Distance protection operated.
Dondaicha - Dondaicha	25/10/2012	16.56	25/10/2012	17.50	Distance protection operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Oct/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	155
	620	155
Bhusawal		
Unit 2	210	0
Unit 3	210	135
Unit 4	500	
Unit 5	500	
	1420	135
Parli		
Unit 3	210	165
Unit 4	210	150
Unit 5	210	0
Unit 6	250	125
Unit 7	250	160
	1130	600
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	160
Unit 4	210	170
Unit 5	500	425
Unit 6	500	425
Unit 7	500	375
	2340	1855
Paras		
Unit 3	250	230
Unit 4	250	230
	500	460
Khaparkheda		
Unit 1	210	150
Unit 2	210	0
Unit 3	210	170
Unit 4	210	170
Unit 5	500	300
	1340	790
Nasik		
Unit 3	210	200
Unit 4	210	180
Unit 5	210	180
	630	560
Uran		
All Units	852	390
	852	390
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	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	10
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	118
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	238
Adani	660	
Other CPPs	0	
	1665	1338
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	318
	2024	1748
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5300
	3455	5300