



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Mar/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.406	3044.899	1) Madhya Pradesh	47.851	1218.666
2) Hydro	20.834	375.314	2) Gujrat	30.577	678.985
3) Gas	12.807	312.862	3) Goa	-6.426	-152.014
Total MSGENCO	163.047	3733.075	4) TAPS 1&2 (Inj.)	7.214	174.109
B) OTHERS			5) Pench (Excess)	-0.383	-5.564
1) RGPPL Gas	36.196	752.765	# Total Cent. Sector	78.833	1914.182
2) Wind Generation	6.146	99.010	F) Other Exchanges		
3) CPP	4.432	24.562	1) With TPCL (Excess)	-5.693	-80.214
4) PENCH (MS)	0.383	5.792	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.645	141.961
1) TPCL Thermal	29.458	713.557	Include PX	0.000	0.000
2) TPCL Hydro	4.641	101.928	2) MUMBAI Bilateral	6.766	99.192
TOTAL TPCL	34.099	815.485	Include PX	3.100	42.201
3) REL Thermal	12.572	303.261	3) MUMBAI Schedule	6.766	99.192
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	171.436	4061.717	1) MSEDCL	283.344	6449.172
2) Hydro (A2+B3+C2)	25.858	483.034	2) TPCL	33.745	773.458
3) Gas (A3+B1)	49.003	1065.627	3) REL	18.618	425.488
4) Wind (B2)	6.146	99.010	TOTAL STATE	335.707	7648.118
5) CPP (B3)	4.432	24.562			
TOTAL STATE	256.875	5733.950			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5254	5545	5465
MSGENCO Hydro	1266	1298	780
MSGENCO Gas	551	511	539
MSGENCO Total Generation	7071	7354	6784
Central Sector Receipt	3423	3389	2499
RGPPL	1561	1573	1448
WIND	96	353	392
CPP	176	192	175
Exchange with TPCL	-409	-323	18
MSEDCL DEMAND MET	11943	12563	11316
Load Shedding	3659	3994	1908
MSEDCL DEMAND (INCL. LS)	15602	16557	13224
TPCL GENERATION	1655	1661	1165
REL GENERATION	524	523	523
TPCL+REL DEMAND	2588	2507	1670
STATE DEMAND MET	14531	15070	12986
STATE DEMAND (INCL. LS)	18190	19064	14894
Frequency (Hz)	49.23	49.43	49.24
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4515 MW AT 10.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			90.07 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.23 Hz at 08.05 Hrs	48.85 Hz at 04.38 Hrs	49.44	1.01 % of Time

* 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/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.91	37.65	91	70	80
Unit 2	1.57	38.19	76	54	70
Unit 3	0.00	0.00	0	0	0
Unit 4	2.04	42.22	96	62	80
Unit 5	3.84	86.29	170	143	160
Unit 6	3.64	88.23	173	139	160
Unit 7	4.69	86.88	207	180	200
	17.69	379.47			750
Bhusawal					
Unit 1	1.25	25.99	53	50	50
Unit 2	4.61	107.35	194	187	195
Unit 3	4.65	100.99	200	189	195
	10.51	234.33			440
Parli					
Unit 1	0.56	13.24	26	20	23
Unit 2	0.56	11.38	25	21	23
Unit 3	0.00	37.16	0	0	0
Unit 4	4.29	100.64	198	152	200
Unit 5	4.31	101.55	189	169	185
Unit 6	5.71	142.61	254	214	250
Unit 7	4.69	67.57	254	130	0
	20.13	474.16			681
Chandrapur					
Unit 1	3.36	70.05	146	111	150
Unit 2	3.22	81.05	148	105	150
Unit 3	2.91	94.33	164	80	170
Unit 4	3.64	106.19	184	105	160
Unit 5	10.24	191.32	449	391	450
Unit 6	9.08	216.69	420	355	425
Unit 7	9.06	241.88	430	323	450
	41.53	1001.50			1955
Paras					
Unit 2	0.51	16.34	24	20	24
Unit 3	5.91	79.43	252	234	240
Unit 4	2.30	22.52	104	90	0
	8.72	118.29			264
Khaparkheda					
Unit 1	4.84	92.30	215	179	200
Unit 2	4.44	93.75	190	156	190
Unit 3	5.09	110.17	215	210	210
Unit 4	4.66	104.21	214	160	190
	19.03	400.43			790
Nasik					
Unit 1	2.26	47.00	101	82	100
Unit 2	0.00	52.15	0	0	0
Unit 3	4.81	117.07	208	191	200
Unit 4	0.00	105.35	0	0	0
Unit 5	4.72	115.15	206	182	210
	11.79	436.71			510
Koyna					
Stage 1-2	3.30	61.46	320	40	600
Stage 4	9.86	162.56	921	0	250
Stage 3	2.91	48.34	240	0	240
	16.07	272.37			1090
Kovna 12&4 Total	13.16	224.02			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		12.81	312.86	572	504	560
		12.81	312.86			560
Hydro						
KDPH		0.92	11.25	39	37	36
VTRNA		1.09	13.54	61	0	60
TILLARI		0.00	3.23	0	0	0
BHTGR/VEER		0.43	44.96	18	17	6
BHIRA T.R.		0.30	5.10	81	0	80
RNGR+BHTSA		0.30	7.36	13	12	13
BHANDARDRA		0.24	1.24	13	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.74	3.27	31	31	27
GHATGHAR		0.75	13.00	125	0	0
		4.77	102.94			222
PENCH (MS)						
Pench (MS)		0.38	5.79	51	0	0
		0.38	5.79			0
Wind						
MalharPeth		0.26	4.26			
Vankuswadi		0.48	8.66			
ATIT		0.30	3.04			
Kale		0.19	3.39			
Satara		0.20	3.32			
Shirala		0.20	3.39			
K Mahankal		0.04	2.15			
Supa		0.10	2.81			
Vita		0.68	12.39			
Dondaicha		2.32	32.97			
Sakri		0.32	5.23			
Nandurbar		0.29	5.16			
Khadakale		0.34	6.91			
Khaparale		0.43	5.34			
		6.15	99.01			
CPP						
TOTAL CPP		4.43	24.56			
		4.43	24.56			
Dabhol						
RGPPL		36.20	752.76	1578	1437	1350
		36.20	752.76			1350
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		9.96	237.65	415	415	420
Trombay 6		8.98	226.01	510	240	500
Trombay 7A		2.88	69.58	122	118	120
Trombay 7B		1.62	39.09	68	67	60
Trombay 8		6.02	141.23	254	250	250
TATA Hydro		4.64	101.93	471	0	447
		34.10	815.48			1797
REL						
1&2		12.57	303.26	527	521	500
		12.57	303.26			500
Cent Sect						
Share						3148
						3148
MS PG CL	Thermal	129.41	3044.90			5390
	Thml+Gas	142.21	3357.76			5950
	Hydro	20.83	375.31			1312
	Total	163.05	3733.08			7262
State Total		256.88	5733.95			14057

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Mar/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	5506	1034	538	7078	1437	284	179	2748	2881	-143	-82	11777	2025	13802	1958	15760	49.32
2	5411	912	539	6862	1438	327	176	2655	2641	-49	17	11461	2046	13507	1801	15308	49.16
3	5465	780	539	6784	1448	392	175	2657	2499	-49	18	11316	1908	13224	1670	14894	49.24
4	5398	549	538	6485	1456	353	173	2659	2827	-49	14	11308	2244	13552	1615	15167	49.35
5	5318	602	545	6465	1460	322	169	2660	2667	-49	11	11094	2379	13473	1605	15078	49.15
6	5322	1011	546	6879	1461	298	175	2661	2798	-49	15	11636	2697	14333	1637	15970	49.38
7	5355	292	556	6203	1458	215	178	2990	2777	-17	35	10866	3779	14645	1677	16322	49.29
8	5454	223	557	6234	1460	207	176	3015	2997	-39	23	11097	4006	15103	1732	16835	49.79
9	5461	219	570	6250	1457	121	187	2944	3018	27	17	11050	3936	14986	1895	16881	49.75
10	5351	773	572	6696	1442	86	208	3400	3482	-403	-337	11577	3883	15460	2297	17757	49.54
11	5318	1141	566	7025	1474	61	193	3426	3516	-450	-382	11887	3574	15461	2493	17954	49.52
12	5254	1266	551	7071	1561	96	176	3425	3423	-450	-409	11943	3659	15602	2588	18190	49.23
13	5280	1190	544	7014	1558	93	213	3401	3408	-450	-445	11866	3589	15455	2578	18033	49.37
14	5251	1202	538	6991	1559	127	166	3477	3622	-497	-476	12014	3577	15591	2537	18128	49.47
15	5282	950	520	6752	1554	186	188	3440	3570	-497	-469	11806	3756	15562	2573	18135	49.43
16	5332	594	516	6442	1557	296	183	3398	3745	-463	-460	11789	3676	15465	2534	17999	49.54
17	5364	485	518	6367	1559	493	200	3434	3879	-497	-451	12047	3691	15738	2523	18261	49.51
18	5379	348	518	6245	1572	476	194	3435	4044	-497	-474	12057	3315	15372	2490	17862	49.70
19	5502	377	509	6388	1578	404	192	3067	3635	-355	-347	11875	3901	15776	2448	18224	49.68
20	5545	1298	511	7354	1573	353	192	3183	3389	-348	-323	12563	3994	16557	2507	19064	49.43
21	5518	1342	504	7364	1577	326	195	3187	3576	-348	-286	12796	3652	16448	2445	18893	49.42
22	5485	1376	504	7365	1523	224	198	3227	3486	-395	-332	12515	3671	16186	2380	18566	49.48
23	5459	1427	504	7390	1514	198	198	3135	3506	-314	-251	12606	3265	15871	2219	18090	49.37
24	5396	1443	504	7343	1520	208	148	3168	3447	-386	-319	12398	2306	14704	2162	16866	49.45
MUs	129.4 1	20.83	12.81	163.05	36.20	6.15	4.43	74.79	78.83	-6.77	-5.69	283.34	78.53	361.87	52.36	414.24	49.44

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 24/Mar/2010

Position as on 6.30 Hrs of 25/Mar/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	31/03/2010
Koradi Unit 3	105	09/01/2010	00.17	25/03/2010	05.05	COH.	
Parli Unit 3	210	11/03/2010	03.45		Continued.	Annual overhaul	05/04/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Uran Unit 3	60	05/03/2010	09.49		Continued.	Gas Restriction.	
Nasik Unit 4	210	23/03/2010	22.03	25/03/2010	12:45	G S System Header Leakage.	
Nasik Unit 2	125	23/03/2010	23.05	25/03/2010	20:00	Boiler Tube Leakage,	
Cent_Sect NTPC(K-5)	500	23/03/2010	23.43	25/03/2010	07:38	Boiler Tube Leakage.	
Koradi Unit 3	105	25/03/2010	06.16	25/03/2010	10:18	Tripped, Vibration problem	
Koradi Unit 3	105	25/03/2010	13:03	25/03/2010	19:10	Tripped.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Mar/2010

Position as on 6.30 Hrs of 25/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus-II at New Koyna	24/03/2010	10.06	24/03/2010	20.00	Connecting extended M B II to existing bus.
ICT L V Breaker @ Lamboti	24/03/2010	16.00	24/03/2010	18.00	For attending Hot Spot.
Koradi - Kaparkheda	25/03/2010	00:01	25/03/2010	16:20	First time Charge from Koradi. (New Line)
Koradi-Chandrapur	25/03/2010	09:16	25/03/2010	16:26	Removal of Jumper Rejumping work for LILO.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
220/132 KV T/F - II @ Boiser	11/03/2010	12.30		Continued.	Aumantation of new 200 MVA ICT.
BUS SEC-II at Jejuri	19/03/2010	13.57		Continued.	Renovation of Isolator
220/132KV 100MVA ICT-I at Parly-II	20/03/2010	09.35		Continued.	HV Breaker Replacement work,ICT on TBC.
Karad-M'peth	23/03/2010	11.10		Continued.	Tower erection work.
220 kv Varsova M.B.-II	24/03/2010	09.24	24/03/2010	17.23	Bus outage.
Koradi-Ambazari ckt - II	24/03/2010	10.15	24/03/2010	15.22	Qtrly Maint.
Vita - Pandharpur	24/03/2010	11.17	24/03/2010	15.30	Annual maint.
Kolhapur-Karad-IV	24/03/2010	14.04	24/03/2010	20.24	For crossing work.
Yavatmal-Pusad	25/03/2010	07:50	25/03/2010	20:05	3 Nos C T Replacement of Work.
220 KV Main Bus at Yavatmal	25/03/2010	07:50	25/03/2010	16:40	220 KV half Bus section U/O for maint. of line and Bus isolator of Pusad CKT.
Jejuri-Phursungi	25/03/2010	10:05	25/03/2010	14:56	Restranging of Jumper.
Theur - Jejuri	25/03/2010	10:23	25/03/2010	14:00	Q. M. Work.
Bhosari-C'enka	25/03/2010	10:30	25/03/2010	17:09	Q. M. Work.
Jejuri-Jejuri I	25/03/2010	10:37	25/03/2010	19:46	Renovation of Isolator of 29 C of Jejuri I.
Karad-Pophali	25/03/2010	11:05	25/03/2010	18:45	For Safety Propose of erection of M/C tower of Malherpeth.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Theur - Phursungi	04/02/2010	10.00	24/03/2010	18.00	Single ckt to double ckt.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
K'gaon-Dasturi	25/03/2010	08:25	25/03/2010	10:45	To Attend Red Hot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,315MVA ICT-II at N.Koyna	24/03/2010	09.30	24/03/2010	12.58	H/T to change broken spring of C isolator.
Koradi-Chandrapur	25/03/2010	16:53	25/03/2010	19:52	For LILO.
Koradi - Kaparkheda	25/03/2010	19:50		Continued.	H/T.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi - Bhusawal	24/03/2010	09.10	24/03/2010	09.43	Dist. Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph C T Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	60
Unit 3	105	0
Unit 4	105	75
Unit 5	200	150
Unit 6	210	140
Unit 7	210	200
	1040	705
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	0
Unit 4	210	200
Unit 5	210	185
Unit 6	250	250
Unit 7	250	0
	1190	681
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	170
Unit 4	210	180
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	1950
Paras		
Unit 2	55	24
Unit 3	250	250
Unit 4	250	0
	555	274
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	210
Unit 4	210	180
	840	780
Nasik		
Unit 1	120	100
Unit 2	120	0
Unit 3	210	200
Unit 4	210	0
Unit 5	210	210
	870	510
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	550

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	550
Hydro		
KDPH	40	36
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	18
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	13
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	220
PENCH (MS)		
Pench (MS)	53	
	53	
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	
Khadakale	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1550
	960	1550
Tata		
Trombay 4	150	0
Trombay 5	500	420
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1797
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3125
	3143	3125

	17376	14172
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