



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/May/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.432	2872.563	1) Madhya Pradesh	55.601	1529.857
2) Hydro	30.254	470.915	2) Gujrat	34.413	739.564
3) Gas	15.046	379.587	3) Goa	-7.539	-173.956
Total MSGENCO	153.732	3723.065	4) TAPS 1&2 (Inj.)	7.744	188.466
B) OTHERS			5) Pench (Excess)	-0.284	-3.537
1) RGPPL Gas	31.452	872.826	# Total Cent. Sector	89.935	2280.394
2) Wind Generation	10.820	312.777	F) Other Exchanges		
3) CPP	19.632	518.555	1) With TPCL (Excess)	-13.954	-284.807
4) PENCH (MS)	0.284	3.721	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.009	350.143
1) TPCL Thermal	27.713	693.270	Include PX	0.000	20.428
2) TPCL Hydro	5.667	92.909	2) MUMBAI Bilateral	15.183	305.524
TOTAL TPCL	33.380	786.179	Include PX	1.657	-13.673
3) REL Thermal	12.499	312.596	3) MUMBAI Schedule	15.183	305.524
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	148.644	3878.429	1) MSEDCL	291.901	7426.531
2) Hydro (A2+B3+C2)	36.205	567.545	2) TPCL	39.941	912.206
3) Gas (A3+B1)	46.498	1252.413	3) REL	19.892	471.310
4) Wind (B2)	10.820	312.777	TOTAL STATE	351.734	8810.047
5) CPP (B3)	19.632	518.555			
TOTAL STATE	261.799	6529.719			

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	4107	4648	4493
MSGENCO Hydro	1605	945	1352
MSGENCO Gas	620	612	635
MSGENCO Total Generation	6332	6205	6480
Central Sector Receipt	4958	4077	3036
RGPPL	1315	1299	1315
WIND	218	512	552
CPP	791	833	828
Exchange with Mumbai	-708	-726	-308
MSEDCL DEMAND MET	12921	12200	11923
Load Shedding (LS)	1501	1657	0
MSEDCL DEMAND (INCL. LS)	14422	13857	11923
TPCL GENERATION	1752	1722	1074
REL GENERATION	521	521	522
TPCL+REL DEMAND	2981	2969	1904
STATE DEMAND MET	15902	15169	13827
Load Management (LM)	2256	1985	1728
Total Load Relief (LS+LM)	3757	3642	1728
UNRESTRICTED STATE DEMAND	19659	18811	15555
Frequency (Hz)	49.57	49.67	49.83

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 18.05 Hrs	49.08 Hz at 15.19 Hrs	49.75	1.61 % 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/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.08	101.71	177	162	175
Unit 6	4.30	109.00	191	148	180
Unit 7	4.14	107.53	185	160	175
	12.52	318.24			530
Bhusawal					
Unit 2	3.36	74.32	155	125	145
Unit 3	4.38	101.26	190	170	190
Unit 4		0.00	0	0	
	7.74	175.59			335
Parli					
Unit 3	3.15	73.85	143	112	150
Unit 4	3.41	77.50	166	117	168
Unit 5	3.96	72.13	178	143	180
Unit 6	2.27	99.34	123	56	60
Unit 7	2.67	91.99	197	78	93
	15.46	414.80			651
Chandrapur					
Unit 1	3.05	84.97	140	113	135
Unit 2	2.74	68.16	131	84	100
Unit 3	4.45	104.04	198	174	200
Unit 4	3.89	96.88	185	135	180
Unit 5	8.67	225.88	415	305	360
Unit 6	8.64	217.42	410	295	400
Unit 7	9.41	237.54	445	316	425
	40.85	1034.88			1800
Paras					
Unit 3	0.93	97.57	198	0	0
Unit 4	0.00	74.81	0	0	0
	0.93	172.38			0
Khaparkheda					
Unit 1	4.54	108.84	195	180	189
Unit 2	4.56	111.57	196	181	181
Unit 3	4.04	5.45	210	120	118
Unit 4	5.26	129.62	223	212	191
Unit 5		0.00	0	0	
	18.40	355.48			679
Nasik					
Unit 1	1.98	47.95	88	65	81
Unit 2	0.00	36.40	0	0	0
Unit 3	2.50	106.00	190	0	172
Unit 4	4.22	106.30	193	153	182
Unit 5	3.83	104.54	165	146	157
	12.53	401.19			592
Uran					
All Units	15.05	379.59	641	612	620
	15.05	379.59			620
Dabhol					
RGPPL	31.45	872.83	1324	1280	1250
	31.45	872.83			1250
Koyna					
Stage 1-2	5.06	114.32	575	40	600
Stage 4	17.44	208.69	1120	0	250
Stage 3	5.66	71.54	240	188	240
	28.15	394.56			1090
Kovna 12&4 Total	22.49	323.02			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.38	8.33	17	15	16
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.10	5.59	5	4	4
BHIRA T.R.	0.26	4.63	81	0	80
RNGR+BHTSA	0.30	7.70	13	12	13
BHANDARDRA	0.46	16.75	20	15	20
ELDARY	0.00	5.29	0	0	0
SMLHY PTN	0.59	20.22	32	21	11
GHATGHAR	0.00	7.85	0	0	0
	2.10	76.36			144
PENCH (MS)					
Pench (MS)	0.28	3.72	26	0	
	0.28	3.72			
Wind					
MalharPeth	0.36	7.81			
Vankuswadi	0.84	20.66			
ATIT	0.10	3.92			
Kale	0.31	7.32			
Satara	1.23	16.14			
Shirala	0.26	7.41			
K Mahankal	0.01	11.67			
Supa	0.09	3.96			
Vita	0.74	31.86			
Dondaicha	4.68	128.42			
Sakri	0.89	22.65			
Nandurbar	0.50	17.18			
Khandke	0.27	16.94			
Khaparale	0.53	16.84			
	10.82	312.78			
CPP					
JSW JAIGAD	7.11	209.09	302	270	275
WARDHA	7.68	192.43	331	295	330
Other CPPs	4.85	116.72			
	19.63	518.25			605
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	289.61	490	490	500
Trombay 6	7.04	155.32	500	150	500
Trombay 7A	2.83	71.65	120	116	120
Trombay 7B	1.58	39.55	67	65	60
Trombay 8	4.50	137.14	250	150	250
TATA Hydro	5.67	92.91	440	0	447
	33.38	786.18			1877
REL					
1&2	12.50	312.60	522	518	500
	12.50	312.60			500
Cent Sect					
Share					3236
					3236

MS PG CL	Thermal	108.43	2872.56			4587
	Thml+Gas	123.48	3252.15			5207
	Hydro	30.25	470.92			1234
	Total	153.73	3723.06			6441
State Total		261.80	6529.72			13909

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/May/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	4466	1959	634	7059	1315	300	838	3048	3249	-713	-662	12124	2138	12124	2324	16586	49.54
2	4467	1918	635	7020	1315	542	823	2909	2902	-560	-532	12095	1980	12095	2133	16208	49.64
3	4491	1685	634	6810	1315	606	841	2905	3003	-421	-400	12200	1663	12200	1995	15858	49.83
4	4493	1352	635	6480	1315	552	828	2807	3036	-361	-308	11923	1728	11923	1904	15555	49.83
5	4524	1225	638	6387	1315	621	826	2741	3048	-308	-270	11934	1817	11934	1865	15616	49.77
6	4585	1387	641	6613	1315	701	835	2683	3159	-269	-279	12344	1973	12344	1875	16192	49.79
7	4523	1423	640	6586	1315	716	830	3052	3157	-418	-327	12277	2446	12524	1825	16548	50.02
8	4437	1433	641	6511	1315	460	822	3052	3482	-418	-370	12220	2569	12590	1937	16726	50.01
9	4350	1462	629	6441	1315	397	827	3052	3861	-463	-466	12375	2634	12810	2246	17255	49.85
10	4258	1411	620	6289	1315	312	798	3250	4316	-578	-609	12421	2668	12864	2632	17721	49.81
11	4150	1336	613	6099	1315	278	798	3504	4833	-725	-678	12645	3569	13911	2918	19132	49.55
12	4107	1605	620	6332	1315	218	791	3544	4958	-787	-708	12921	3757	14422	2981	19659	49.57
13	4140	1691	618	6449	1293	197	820	3563	4456	-787	-778	12462	3986	14192	2976	19424	49.56
14	4288	1436	612	6336	1286	190	827	3530	4423	-787	-647	12435	4241	14420	2914	19590	49.54
15	4465	1452	612	6529	1280	222	832	3507	3698	-787	-733	11837	5124	14880	2978	19939	49.45
16	4517	1592	619	6728	1281	347	833	3433	3814	-816	-740	12263	4157	14414	2996	19416	49.47
17	4648	945	612	6205	1299	512	833	3395	4077	-787	-726	12200	3642	13857	2969	18811	49.67
18	4738	404	630	5772	1316	655	835	3247	3635	-692	-649	11564	3674	12932	2874	18112	49.94
19	4718	366	627	5711	1324	645	778	3169	3798	-686	-602	11654	3737	12128	2710	18101	50.08
20	4791	577	624	5992	1318	647	790	3236	4328	-674	-622	12464	3551	12501	2722	18737	49.88
21	4783	1059	630	6472	1314	495	804	3283	4012	-727	-666	12457	3498	12459	2637	18592	49.73
22	4884	1008	621	6513	1318	443	803	3331	3578	-746	-675	12006	3490	12006	2534	18030	49.77
23	4817	755	628	6200	1324	366	804	3375	3538	-814	-755	11502	3483	11502	2460	17445	49.88
24	4792	773	633	6198	1319	401	816	3354	3574	-858	-752	11581	3073	11581	2428	17082	49.75
MUs	108.4 3	30.25	15.05	153.73	31.45	10.82	19.63	76.97	89.94	-15.18	-13.95	291.90	74.60	308.61	59.83	426.34	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 25/May/2011

Position as on 6.30 Hrs of 26/May/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Cent_Sect NTPC(K-5)	500	10/05/2011	00.00		Continued.	Annual Overhaul	03/06/2011
Koyna Unit 10	80	13/05/2011	00.00		Continued.	Annual Overhaul	27/05/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
Koyna Unit 11	80	24/05/2011	23.00	25/05/2011	00.05	U-10 Drafter Gate opened	
Koyna Unit 12	80	24/05/2011	23.25	25/05/2011	00.10	U-10 Drafter Gate opened	
Koyna Unit 9	80	24/05/2011	23.30	25/05/2011	00.15	U-10 Drafter Gate opened	
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	11/05/2011	01.15		Continued.	Fire in GT	27/05/2011
CPP JSW (J) U1	300	12/05/2011	00.24		Continued.	Annual Overhaul.	27/05/2011
Paras Unit 4	250	17/05/2011	04.50		Continued.	Performance guarantee test for 10 days .	28/05/2011
Dabhol 1X	290	20/05/2011	13.22		Continued.	Unit 1A and 1B out	
Dabhol 1B	230	21/05/2011	02.17		Continued.	High speed.	
Paras Unit 3	250	23/05/2011	10.24	25/05/2011	16.52	Boiler tube leakage.	
CPP WPCL U-4	135	23/05/2011	15:28		Continued.	TRIPPED.	
Nasik Unit 2	125	23/05/2011	22.25		Continued.	Boiler tube leakage.	27/05/2011
Cent_Sect sipat-5	500	25/05/2011	02.55	25/05/2011	05.26	Low Vaccum	
Nasik Unit 3	210	25/05/2011	06.30	25/05/2011	14.00	Flame Failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/May/2011

Position as on 6.30 Hrs of 26/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Karad - Solapur (PGCIL)	25/05/2011	15.30	25/05/2011	16.13	For Line Recator Out.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	24/05/2011	02.05		Continued.	Over Voltage.
Koradi-Satpur	25/05/2011	01.56	25/05/2011	12.37	Compressor Air Leakage(Line taken on TBC)
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC Pole I Padgha	26/05/2011	05.30		Continued.	Cold Washing of Insulator String of Pole-I.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - NewKoyna - II	25/05/2011	08.00	25/05/2011	19.20	Insulator Replacement.
Main Bus - II @ Lamboti	25/05/2011	10.15	25/05/2011	14.31	Q.M.Work.
Newkoyna - Jaigad - I	25/05/2011	14.11	25/05/2011	17.47	Insulator Replacement.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers(upto 04.06.2011)
Padgha - Kalwa	10/05/2011	09.30	25/05/2011	21.11	System strenghtening work.
Temghar-Colourchem	10/05/2011	10.30	25/05/2011	20.57	Bunching of arrangement.
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
220/132KV 100 MVA ICT-I @ Parbhani	21/05/2011	09.10		Continued.	Augumentation from 100 to 200 MVA.Upto 06/06/2011.
220/132 KV 150 MVA T/F @ Boiser	22/05/2011	22.57	25/05/2011	15.32	Oil filtration work.(Taken on humming at 21:09hrs on dated 24/05/2011).
Pophali - KDPH	23/05/2011	13.20		Continued.	MOCB overhauling work at KDPH upto 28/05.2011.
220/132 KV 100 MVA ICT @ Bhandara	25/05/2011	07.20	25/05/2011	12.51	Quarterly Maintainance Work.
Murud-Bale	25/05/2011	08.00	25/05/2011	18.05	Making LILO Arrangement for 220KV Tuljapur Line.
Dahanu - Ghodbandar - I	25/05/2011	17.49	25/05/2011	18.40	To Remove Foreign Material By Hot Sttek.
Parbhani-Parli	26/05/2011	06.09		Continued.	Stringing Work OF 400KV Wardha-Parli PG D/C Line Crossing @ Loc. No.337-338.
Parli Ext.-Nanded	26/05/2011	06.29		Continued.	Stringing Work of 400KV Wardha-Parli.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Jalgaon - I	18/05/2011	07.32		Continued.	Replacement of Isolator(Ckt.on TBC)
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 105MVA Spare ICT @ Parly-II	22/04/2011	13.50	25/05/2011	11.30	To remove trip coil assembly for bus coupler.
400/220 KV 500 MVA ICT-I @ Jejuri	26/05/2011	00.09	26/05/2011	06.08	Attending Oil Leakage of Y Ph ICT-I.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Babaleshwar - Ranjangaon	22/05/2011	16.05		Continued.	To control BBLSR ICT loading.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/May/2011

Position as on 6.30 Hrs of 26/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bhusawal- Aurangabad	24/05/2011	21.29	26/05/2011	06.19	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/05/2011	16.51	26/05/2011	06.10	To Control Koradi ICT Load.
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Abhijeet-Wardha-I	16/05/2011	11.38	26/05/2011	06.10	To control Koradi ICT loading.
Chandrapur-Warora - I	19/05/2011	17.18		Continued.	To Control Loading of Warora-Wardha.
BBLSR-Waluj	25/05/2011	13.55		Continued.	To Control Babaleshwar ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC Pole I Padgha	25/05/2011	05.59	25/05/2011	08.31	Distance Protection
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand - Parli - II	25/05/2011	02.01	25/05/2011	15.30	B phase CVT Fail at Lonikand end
Kalwa - Lonikand	25/05/2011	11.41	25/05/2011	12.23	Distance Protection.
400/220/33 KV 315 MVA ICT - I @ Akola	25/05/2011	18.23	25/05/2011	19.15	NDR.
400/220KV,500 MVA ICT-III At A'bad.	25/05/2011	22.34	26/05/2011	04.31	Tripped on NDR.
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(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Gangapur-Valve	13/05/2011	12.34		Continued.	Tower Bent @ Loc. No.10C.7,8,9,10,11.
Chinchwad - Parvati	25/05/2011	01.28	25/05/2011	09.56	Distance Protection (Declared Faulty)
Usmanabad-Barshi	25/05/2011	19.45	25/05/2011	20.02	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	160
Unit 7	210	170
	620	510
Bhusawal		
Unit 2	210	145
Unit 3	210	190
Unit 4	0	
	420	335
Parli		
Unit 3	210	135
Unit 4	210	135
Unit 5	210	180
Unit 6	250	130
Unit 7	250	200
	1130	780
Chandrapur		
Unit 1	210	135
Unit 2	210	120
Unit 3	210	200
Unit 4	210	160
Unit 5	500	350
Unit 6	500	400
Unit 7	500	450
	2340	1815
Paras		
Unit 3	250	230
Unit 4	250	0
	500	230
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	200
Unit 4	210	210
Unit 5	0	
	840	830
Nasik		
Unit 1	120	74
Unit 2	120	0
Unit 3	210	136
Unit 4	210	153
Unit 5	210	141
	870	504
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1250
	1940	1250
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	15
ELDARY	23	0
SMLHY PTN	12	14
GHATGHAR	250	
	611	144
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	275
WARDHA	405	330
Other CPPs	0	
	1005	605
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3095
	3455	3095