



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Apr/2014

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Apr/2014 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.478	1027.738	1) Gujrat	9.031	64.127
2) Hydro	28.406	183.405	2) Madhya Pradesh	27.698	193.699
3) Gas	7.452	59.489	3) Chattisgarh	9.630	81.370
Total MSGENCO	162.336	1270.632	4) Maharashtra Net	81.908	706.733
B) 1) JSW JAIGAD	15.054	110.779	(Incl. 765kV Solapur-Raichur)	-2.166	-11.756
2) WPCL	0.000	4.347	5) Goa	-6.470	-49.937
3) ADANI	41.642	317.671	6) TAPS 1&2 Injection	7.425	59.558
4) Other CPP / IPP	23.772	179.327	7) RGPPL Injection	0.000	0.000
5) Wind Generation	6.420	53.833	8) Pench (Excess)	-0.198	-1.158
6) PENCH (MS)	0.198	1.158	# Total Cent. Sector	129.024	1054.392
7) SOLAR	1.032	8.914	F) Other Exchanges		
C) 1) TPCL Thermal	19.254	132.191	1) With TPCL (Excess)	-24.274	-202.221
2) TPCL Hydro	2.952	32.525	G) Bilateral Power *		
TOTAL TPCL	22.206	164.716	1) MSEDCL Bilateral	16.396	116.572
3) REL Thermal	12.461	99.316	Include PX	0.000	0.000
D) STATE			2) MUMBAI Bilateral	25.042	206.144
1) Thermal (A1+C1+C3)	158.193	1259.245	Include PX	4.713	54.492
2) Hydro (A2+B6+C2)	31.556	217.088	3) MUMBAI Schedule	25.042	206.144
3) Gas (A3)	7.452	59.489	H) ENERGY CATERED (MUs)		
4) Wind (B5)	6.420	53.833	1) MSEDCL	355.204	2798.832
5) CPP/IPP (B1+B2+B3+B4)	80.468	336.095	2) TPCL	37.398	297.275
6) SOLAR (B7)	1.032	8.914	3) REL	21.544	169.060
TOTAL STATE	285.121	1934.664	TOTAL STATE	414.146	3265.167

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 15 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	5660	5170	5119
MSGENCO Hydro	2112	2133	524
MSGENCO Gas	298	299	316
MSGENCO Total Generation	8070	7602	5959
Central Sector Receipt	5681	5816	5005
WIND	66	266	338
CPP / IPP	3329	3421	3213
SOLAR	127	109	0
Exchange with Mumbai	-1273	-1278	-482
MSEDCL DEMAND MET	16000	15936	14033
Load Shedding	855	783	350
MSEDCL DEMAND	16855	16719	14383
TPCL GENERATION	1119	1072	798
R-INFRA GENERATION	519	516	520
TPCL+R-INFRA DEMAND	2911	2866	1800
STATE DEMAND MET	18911	18802	15833
STATE DEMAND	19766	19585	16183
Frequency (Hz)	49.99	49.99	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.36 Hz at 17:54 Hrs	49.73 Hz at 04:10 Hrs	49.98	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

Shift Engineer

Shift Incharge

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 08/Apr/2014

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	3.31	27.31	153	119	135
Unit 7	3.50	27.85	165	130	145
Total	6.81	55.16			280
Bhusawal					
Unit 2	2.94	24.42	135	100	125
Unit 3	2.96	23.54	135	100	140
Unit 4	8.99	69.57	520	310	350
Unit 5	6.83	55.58	390	235	372
Total	21.72	173.11			987
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.89	29.67	172	155	150
Unit 5	0.00	0.00	0	0	0
Unit 6	4.58	34.35	250	178	180
Unit 7	4.58	34.74	250	175	180
Total	13.05	98.76			510
Chandrapur					
Unit 1	3.36	26.94	145	132	150
Unit 2	3.98	23.77	170	160	165
Unit 3	4.37	21.13	188	177	190
Unit 4	4.94	38.62	210	180	210
Unit 5	10.93	85.89	480	435	470
Unit 6	9.77	80.28	430	385	450
Unit 7	9.03	75.74	448	310	375
Total	46.37	352.38			2010
Paras					
Unit 3	5.65	39.55	252	195	250
Unit 4	1.08	37.91	235	0	0
Total	6.73	77.46			250
Khaparkheda					
Unit 1	3.72	30.47	180	125	180
Unit 2	3.76	30.76	180	120	180
Unit 3	0.00	0.80	0	0	0
Unit 4	5.04	37.48	213	208	210
Unit 5	10.50	81.02	492	405	500
Total	23.03	180.53			1070
Nasik					
Unit 3	0.00	19.55	0	0	0
Unit 4	4.31	35.42	195	165	190
Unit 5	4.46	35.39	191	170	190
Total	8.77	90.36			380
Uran					
All Units	7.45	59.49	328	298	310
Total	7.45	59.49			310
PENCH (MS)					
Pench (MS)	0.20	1.16	40	0	0
Total	0.20	1.16			0
Koyna					
Stage 1-2	7.51	42.98	565	50	600
Stage 4	12.32	74.88	1122	0	250
Stage 3	4.22	26.08	320	0	320
Kovna 12&4 Total	19.83	117.87			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	24.05	143.95			1170
Hydro					
KDPH	0.39	3.31	17	16	17
VTRNA	1.15	10.32	61	0	61
TILLARI	0.39	3.08	64	0	62
BHTGR/VEER	0.07	0.54	3	2	3
BHIRA T.R.	0.22	1.98	41	0	40
RNGR+BHTSA	0.30	2.60	13	12	15
BHANDARDRA	0.60	1.26	42	11	19
ELDARY	0.00	2.05	0	0	10
SMLHY PTN	0.74	7.59	31	30	30
GHATGHAR	0.49	6.71	250	0	0
Total	4.36	39.45			257
Wind					
MalharPeth	0.16	1.68			
Vankuswadi	0.36	2.88			
ATIT	0.03	0.32			
Kale	0.10	1.23			
Satara	1.21	13.69			
Shirala	0.11	1.39			
K Mahankal	0.02	0.20			
Supa	0.05	0.89			
Vita	0.83	8.02			
Dondaicha	2.46	15.56			
Sakri	0.28	1.98			
Nandurbar	0.29	1.73			
Khandke	0.21	2.03			
Khaparale	0.30	2.24			
Total	6.42	53.83			
CPP					
JSW JAIGAD	15.05	110.78	629	626	560
WARDHA	0.00	4.35	0	0	0
Adani	41.64	317.67	1791	1691	1140
Other CPPs	23.77	179.33			878
Total	80.47	612.12			2578
SOLAR					
Total	1.03	8.91			
Total	1.03	8.91			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.96	92.88	502	465	500
Trombay 6	3.59	5.49	158	145	500
Trombay 7A	2.26	21.25	115	75	120
Trombay 7B	1.44	12.58	67	55	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	2.95	32.52	328	0	447
Total	22.21	164.72			1627
REL					
1&2	12.46	99.32	522	516	500
Total	12.46	99.32			500
Cent Sect					
Share					5493
Total					5493
MS PG CL	Thermal	126.48	1027.74		5487
	Thml+Gas	133.93	1087.23		5797
	Hydro	28.41	183.40		1427
	Total	162.34	1270.63		7224
State Total		285.12	1934.66		17422

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Apr/2014

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS														
1	5173	1137	326	6636	402	3201	0	5233	5820	-1032	-929	15130	11	15141	2254	17395	49.97
2	5182	1032	328	6542	380	3209	0	5078	5286	-867	-731	14686	84	14770	2050	16820	49.94
3	5162	824	322	6308	352	3241	0	4944	4870	-723	-620	14151	338	14489	1939	16428	49.87
4	5145	661	316	6122	309	3152	0	4858	4958	-635	-523	14018	345	14363	1843	16206	49.85
5	5119	524	316	5959	338	3213	0	4825	5005	-599	-482	14033	350	14383	1800	16183	49.86
6	5032	813	317	6162	334	3296	0	4867	5176	-635	-595	14373	563	14936	1876	16812	49.99
7	5074	1015	319	6408	301	3262	4	4928	4960	-679	-576	14375	1005	15380	1914	17294	50.03
8	5093	989	320	6402	213	3285	21	4994	5408	-749	-664	14699	1029	15728	2015	17743	50.00
9	5245	1300	315	6860	231	3358	69	5042	5420	-835	-885	15080	903	15983	2278	18261	49.99
10	5562	1820	312	7694	133	3291	102	5192	5476	-1007	-1085	15611	645	16256	2592	18848	49.91
11	5575	2103	298	7976	76	3394	130	5408	5526	-1150	-1259	15843	690	16533	2868	19401	49.93
12	5660	2112	298	8070	66	3329	127	5500	5681	-1240	-1273	16000	855	16855	2911	19766	49.99
13	5250	1905	298	7453	53	3411	151	5399	5762	-1278	-1252	15578	1025	16603	2909	19512	49.98
14	5175	2053	298	7526	132	3446	137	5178	5740	-1259	-1245	15736	921	16657	2841	19498	50.06
15	5170	2133	299	7602	266	3421	109	5193	5816	-1310	-1278	15936	783	16719	2866	19585	49.99
16	5162	2323	300	7785	301	3501	103	5130	5290	-1342	-1237	15743	884	16627	2866	19493	50.03
17	5171	1763	303	7237	289	3480	53	5175	5359	-1341	-1254	15164	760	15924	2823	18747	50.03
18	5167	458	305	5930	370	3393	23	5096	5214	-1270	-1328	13602	654	14256	2757	17013	50.13
19	5226	256	306	5788	397	3392	3	4990	5381	-1212	-1331	13630	62	13692	2694	16386	50.05
20	5301	726	310	6337	359	3465	0	5178	5474	-1213	-1177	14498	58	14556	2764	17320	50.01
21	5440	619	309	6368	448	3466	0	5157	5492	-1201	-1175	14616	51	14667	2639	17306	50.02
22	5487	329	314	6130	291	3451	0	5004	5297	-1156	-1164	14018	37	14055	2580	16635	50.08
23	5476	547	311	6334	182	3473	0	5017	5438	-1174	-1136	14325	30	14355	2454	16809	49.98
24	5431	964	312	6707	197	3338	0	5022	5175	-1133	-1075	14359	16	14375	2408	16783	49.93
MUs	126.48	28.41	7.45	162.34	6.42	80.47	1.03	122.41	129.02	-25.04	-24.27	355.20	12.10	367.30	58.94	426.24	49.98

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 08/Apr/2014

Position as on 6.30 Hrs of 09/Apr/2014

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Khaparkheda Unit 3	210	01/04/2014	05.14		Continued.	A.O.H.	
FORCED OUTAGE							
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
Tata Trombay 8	250	09/01/2014	22.54		Continued.	Emergency H/T,Fire at turbine track.	
CPP WPCL U-1	135	30/01/2014	12.45		Continued.	turbine vibration	
CPP WPCL U-2	135	18/02/2014	00.02		Continued.	Ash Conveying problem	
Koradi Unit 5	200	23/02/2014	04.04		Continued.	ID Fan Problem.	
CPP JSW (J) U2	300	28/02/2014	17.52		Continued.	No Schedule.	
Uran Unit 6	108	16/03/2014	08.03		Continued.	gas shortage	
CPP Adani U-2	660	20/03/2014	11.32		Continued.	BTL.	
Parli Unit 5	210	25/03/2014	12.18		Continued.	Stator Earth Fault	
CPP WPCL U-3	135	01/04/2014	00.07		Continued.	No Schedule	
Uran Unit 8	108	01/04/2014	12.42		Continued.	Gas Shortage	
CPP VIPL	300	01/04/2014	23.13	08/04/2014	10.47	BLR T/L.(U-2)	
CPP WPCL U-4	135	03/04/2014	00.01		Continued.	No Schedule	
Nasik Unit 3	210	05/04/2014	17:15		Continued.	Boiler Tube Leakage.	
Paras Unit 4	250	07/04/2014	22.54	08/04/2014	18.28	Furnace Pressure High.	
Koradi Unit 6	210	09/04/2014	01.01		Continued.	ID Fan Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Apr/2014

Position as on 6.30 Hrs of 09/Apr/2014

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 500KV			Outage Type HAND TRIPPED		
765KV Akola II - Tiroda - I	23/03/2014	17.18		Continued.	Hand Tripped.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	07/04/2014	16.37	08/04/2014	08.56	Over Voltage.
Dhule-Sar'Sarovar - II	07/04/2014	22.08	08/04/2014	07.02	Over Voltage.
Kolhapur - Mapusa - I	08/04/2014	18.07		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - I	08/04/2014	13.20	08/04/2014	14.01	While testing reactor.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/15.75 KV 250 MVA GT III At Chandrapur	01/04/2014	19.40		Continued.	Excitation T/F Preventive maint.
Karad - Newkoyna - I	07/04/2014	08.06	08/04/2014	07.14	Oil leakage of CT & Q.M.Work.
400/220 KV 315 MVA ICT-I @ Nagothane	08/04/2014	08.56	08/04/2014	22.25	Painting work & Premansoon Maint.
Bablsr-Padgha Ckt I	08/04/2014	09.01	08/04/2014	11.16	AR Non auto mode for on line pid by hot line method.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalwa-Taloja	08/04/2014	07.18	08/04/2014	10.30	Dignostic testing of CT tan delta.
Lote - N.Koyna	08/04/2014	07.54	08/04/2014	17.16	Oil leakage Prob.
Karad Mudsingi-II	08/04/2014	08.58	08/04/2014	14.53	Repl.of old insulator.
Bus coupler at Taloja	08/04/2014	09.40	08/04/2014	10.27	CT Tan delta.
Karad-Kadegaon	08/04/2014	10.04	08/04/2014	12.50	CT tan Delta of CT's.
Mumewadi-Mudshingi	08/04/2014	10.20	08/04/2014	16.48	Q.M.Work & tan delta.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur-II	07/04/2014	16.45	08/04/2014	06.57	Over Voltage.
Bhusawal- Aurangabad	08/04/2014	00.54	08/04/2014	07.21	Over Voltage.
Karad - Kolhapur - II	08/04/2014	16.36	09/04/2014	06.41	Over Voltage.
Karad-Jaigad I	08/04/2014	16.39		Continued.	Over Voltage.
Bhusawal- Aurangabad	08/04/2014	21.58		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - I	31/03/2014	17.50		Continued.	Jalna S/S load on 400KV A'bad S/S.
Chikhali - Jalna - II	31/03/2014	17.50		Continued.	Jalna S/S load on 400KV A'bad S/S.
Phursungi - Theur	05/04/2014	18.26		Continued.	outage on c'wad-parvati
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol - Nagothane - I	30/03/2014	9.34		Continued.	e/w replacement (RFC 13.30Hrs)
Karad-Jaigad I	07/04/2014	18.03	08/04/2014	07.18	Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Karad - Sadawaghapur - I	08/04/2014	12.40	08/04/2014	13.09	Dist.Prot.
Kandalgaon - Pirangut	08/04/2014	18.44	09/04/2014	03:01	Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Apr/2014

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	150
	620	150
Bhusawal		
Unit 2	210	125
Unit 3	210	140
Unit 4	500	350
Unit 5	500	234
	1420	849
Parli		
Unit 3	210	0
Unit 4	210	150
Unit 5	210	0
Unit 6	250	180
Unit 7	250	180
	1130	510
Chandrapur		
Unit 1	210	150
Unit 2	210	170
Unit 3	210	190
Unit 4	210	210
Unit 5	500	470
Unit 6	500	440
Unit 7	500	450
	2340	2080
Paras		
Unit 3	250	210
Unit 4	250	250
	500	460
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	0
Unit 4	210	210
Unit 5	500	500
	1340	1070
Nasik		
Unit 3	210	0
Unit 4	210	190
Unit 5	210	190
	630	380
Uran		
All Units	852	310
	852	310
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	17
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	64
BHTGR/VEER	21	3
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	19
ELDARY	23	0
SMLHY PTN	12	21
GHATGHAR	250	0
	611	240
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	1200	760
WARDHA	405	0
Adani	1980	1223
Other CPPs	300	815
	3885	2798
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5255
	3455	5255

	21280	17399
--	--------------	--------------