



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Jun/2014

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Jun/2014 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.607	117.607	1) Gujrat	2.226	2.226
2) Hydro	9.952	9.952	2) Madhya Pradesh	19.318	19.318
3) Gas	13.752	13.752	3) Chattisgarh	9.630	9.630
Total MSGENCO	141.311	141.311	4) Maharashtra Net	99.156	99.156
B) 1) JSW JAIGAD	15.238	15.238	(Incl. 765kV Solapur-Raichur)	0.017	0.017
2) WPCL	2.307	2.307	5) Goa	-6.256	-6.256
3) ADANI	28.515	28.515	6) TAPS 1&2 Injection	7.392	7.392
4) Other CPP / IPP	13.037	13.037	7) RGPPL Injection	0.000	0.000
5) Wind Generation	19.693	19.693	8) Pench (Excess)	-0.200	-0.200
6) PENCH (MS)	0.200	0.200	# Total Cent. Sector	131.266	131.266
7) SOLAR	1.009	1.009	F) Other Exchanges		
C) 1) TPCL Thermal	19.489	19.489	1) With TPCL (Excess)	-21.142	-21.142
2) TPCL Hydro	0.529	0.529	G) Bilateral Power *		
TOTAL TPCL	20.018	20.018	1) MSEDCL Bilateral	20.894	20.894
3) REL Thermal	12.473	12.473	Include PX	4.784	4.784
D) STATE			2) MUMBAI Bilateral	16.606	16.606
1) Thermal (A1+C1+C3)	149.569	149.569	Include PX	2.535	2.535
2) Hydro (A2+B6+C2)	10.681	10.681	3) MUMBAI Schedule	16.606	16.606
3) Gas (A3)	13.752	13.752	H) ENERGY CATERED (MUs)		
4) Wind (B5)	19.693	19.693	1) MSEDCL	331.434	331.434
5) CPP/IPP (B1+B2+B3+B4)	59.097	59.097	2) TPCL	33.424	33.424
6) SOLAR (B7)	1.009	1.009	3) REL	20.208	20.208
TOTAL STATE	253.801	253.801	TOTAL STATE	385.066	385.066

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 13 Hrs	B. Evening Peak at 14 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	5375	5442	4778
MSGENCO Hydro	826	931	433
MSGENCO Gas	573	571	585
MSGENCO Total Generation	6774	6944	5796
Central Sector Receipt	5707	5298	5512
WIND	573	625	785
CPP / IPP	2258	2291	2510
SOLAR	137	134	0
Exchange with Mumbai	-945	-925	-665
MSEDCL DEMAND MET	14510	14367	13938
Load Shedding	1038	989	270
MSEDCL DEMAND	15548	15356	14208
TPCL GENERATION	800	804	844
R-INFRA GENERATION	519	520	523
TPCL+R-INFRA DEMAND	2264	2249	2032
STATE DEMAND MET	16774	16616	15970
STATE DEMAND	17812	17605	16240
Frequency (Hz)	49.96	49.95	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.47 Hz at 17.55 Hrs	49.5 Hz at 22.27 Hrs	50	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 01/Jun/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	3.81	3.81	170	140	152
Unit 7	4.18	4.18	185	160	167
Total	7.99	7.99			319
Bhusawal					
Unit 2	3.22	3.22	160	125	134
Unit 3	3.18	3.18	160	115	125
Unit 4	8.48	8.48	505	300	325
Unit 5	7.96	7.96	420	295	315
Total	22.84	22.84			899
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.52	0.52	137	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	4.51	4.51	250	172	170
Unit 7	4.57	4.57	250	174	175
Total	9.60	9.60			345
Chandrapur					
Unit 1	3.33	3.33	142	134	145
Unit 2	0.00	0.00	0	0	0
Unit 3	4.09	4.09	179	160	175
Unit 4	4.31	4.31	201	140	170
Unit 5	10.40	10.40	450	420	450
Unit 6	8.87	8.87	400	305	400
Unit 7	6.96	6.96	368	228	270
Total	37.97	37.97			1610
Paras					
Unit 3	1.56	1.56	217	0	200
Unit 4	5.18	5.18	241	195	250
Total	6.73	6.73			450
Khaparkheda					
Unit 1	2.84	2.84	170	0	150
Unit 2	2.73	2.73	170	0	65
Unit 3	4.20	4.20	195	170	170
Unit 4	0.32	0.32	169	0	0
Unit 5	8.77	8.77	500	330	350
Total	18.87	18.87			735
Nasik					
Unit 3	4.36	4.36	190	170	190
Unit 4	4.68	4.68	199	190	200
Unit 5	4.58	4.58	199	179	200
Total	13.62	13.62			590
Uran					
All Units	13.75	13.75	611	555	600
Total	13.75	13.75			600
PENCH (MS)					
Pench (MS)	0.20	0.20	27	0	
Total	0.20	0.20			
Koyna					
Stage 1-2	4.02	4.02	485	40	600
Stage 4	2.42	2.42	459	0	250
Stage 3	1.31	1.31	278	0	320
Kovna 12&4 Total	6.45	6.45			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	7.76	7.76			1170
Hydro					
KDPH	0.00	0.00	0	0	18
VTRNA	1.01	1.01	61	0	61
TILLARI	0.12	0.12	60	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.22	0.22	40	0	40
RNGR+BHTSA	0.31	0.31	13	12	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.40	0.40	17	16	10
GHATGHAR	0.12	0.12	125	0	0
Total	2.19	2.19			139
Wind					
MalharPeth	0.47	0.47			
Vankuswadi	0.76	0.76			
ATIT	0.10	0.10			
Kale	0.27	0.27			
Satara	5.55	5.55			
Shirala	0.48	0.48			
K Mahankal	0.04	0.04			
Supa	0.16	0.16			
Vita	1.21	1.21			
Dondaicha	7.16	7.16			
Sakri	1.00	1.00			
Nandurbar	0.76	0.76			
Khandke	0.69	0.69			
Khaparale	1.04	1.04			
Total	19.69	19.69			
CPP					
JSW JAIGAD	15.24	15.24	914	602	825
WARDHA	2.31	2.31	102	87	100
Adani	28.52	28.52	1220	1137	1200
Other CPPs	13.04	13.04			475
Total	59.10	59.10			2600
SOLAR					
Total	1.01	1.01			
Total	1.01	1.01			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.80	11.80	499	453	500
Trombay 6	3.72	3.72	156	154	500
Trombay 7A	2.48	2.48	125	78	120
Trombay 7B	1.49	1.49	69	54	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	0.53	0.53	84	0	447
Total	20.02	20.02			1627
REL					
1&2	12.47	12.47	523	514	500
Total	12.47	12.47			500
Cent Sect					
Share					5587
Total					5587
MS PG CL	Thermal	117.61	117.61		4948
	Thml+Gas	131.36	131.36		5548
	Hydro	9.95	9.95		1309
	Total	141.31	141.31		6857
State Total		253.80	253.80		17171

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Jun/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	4934	697	592	6223	1050	3087	0	5376	5593	-1029	-1077	14899	137	15036	2489	17525	49.94
2	4922	631	585	6138	984	2983	0	5218	5504	-912	-1042	14568	227	14795	2361	17156	49.98
3	4743	990	576	6309	925	2525	0	4982	5042	-686	-892	13909	248	14157	2217	16374	50.05
4	4752	689	579	6020	792	2546	0	5127	5476	-647	-727	14107	255	14362	2093	16455	50.02
5	4778	433	585	5796	785	2510	0	5151	5512	-653	-665	13938	270	14208	2032	16240	50.08
6	4827	443	611	5881	794	2526	0	5184	5651	-682	-660	14192	409	14601	2027	16628	50.16
7	4903	147	573	5623	613	2544	4	4961	5475	-660	-593	13666	938	14604	1957	16561	50.09
8	4836	115	572	5523	669	2549	29	4967	5422	-670	-583	13609	1053	14662	1937	16599	50.06
9	4697	368	573	5638	582	2553	60	4747	5636	-670	-648	13821	946	14767	1986	16753	50.07
10	4619	646	562	5827	585	2521	107	5343	5996	-607	-752	14284	732	15016	2074	17090	50.02
11	4638	651	561	5850	448	2396	120	5709	6572	-619	-828	14558	752	15310	2142	17452	49.96
12	4881	1000	561	6442	531	2300	128	5838	6155	-661	-930	14636	837	15473	2231	17704	49.97
13	5375	826	573	6774	573	2258	137	5460	5707	-659	-945	14510	1038	15548	2264	17812	49.96
14	5442	931	571	6944	625	2291	134	5285	5298	-648	-925	14367	989	15356	2249	17605	49.95
15	5462	235	573	6270	728	2306	127	5414	5129	-655	-995	13565	1326	14891	2303	17194	49.96
16	4892	103	578	5573	744	2269	84	5500	6071	-655	-957	13806	1206	15012	2293	17305	49.95
17	4864	113	578	5555	1038	2271	58	5130	5478	-635	-928	13482	1180	14662	2257	16919	50.11
18	4831	131	585	5547	881	2273	18	4611	4205	-538	-885	12039	1237	13276	2207	15483	50.24
19	4978	136	564	5678	1214	2216	3	4645	3990	-536	-819	12282	621	12903	2156	15059	50.11
20	4861	136	570	5567	1301	2322	0	4789	5209	-690	-909	13513	525	14038	2313	16351	49.85
21	4878	131	564	5573	1169	2380	0	4879	5443	-763	-1078	13513	388	13901	2497	16398	49.80
22	4823	135	555	5513	1026	2479	0	5044	5418	-775	-1066	13397	248	13645	2487	16132	49.91
23	4813	135	555	5503	862	2523	0	5278	5744	-753	-1115	13544	175	13719	2521	16240	49.74
24	4860	130	556	5546	774	2469	0	5338	5540	-800	-1123	13231	144	13375	2540	15915	49.91
MUs	117.61	9.95	13.75	141.31	19.69	59.10	1.01	123.98	131.27	-16.61	-21.14	331.44	15.88	347.32	53.63	400.95	50.00

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 01/Jun/2014

Position as on 6.30 Hrs of 02/Jun/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	
Koradi Unit 5	200	10/04/2014	19.21		Continued.	Coal conservation	
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	
CPP WPCL U-4	135	03/04/2014	00.01		Continued.	No Schedule	
Khaparkheda Unit 2	210	25/05/2014	6.11	01/06/2014	4.09	flame failure	
Parli Unit 5	210	26/05/2014	22.34		Continued.	Coal Shortage.	
CPP Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem. (U-1).	
CPP Adani U-3	660	29/05/2014	21.05		Continued.	B.T.L	
CPP IPL U-1	270	30/05/2014	02:42	01/06/2014	18.40	Coal shortage	
Parli Unit 4	210	30/05/2014	17.45	01/06/2014	19.12	Coal Shortage	
CPP Adani U-2	660	30/05/2014	18.22		Continued.	Boiler Tube Leakage	
Chandrapur Unit 2	210	31/05/2014	13.01		Continued.	furnace pressure high due to btl	
CPP JSW (J) U4	300	31/05/2014	23.51		Continued.	CWL Problem.	
Paras Unit 3	250	01/06/2014	07.39		Continued.	Flame Failure.	
CPP VIPL U-2	300	01/06/2014	1.50		Continued.	BTL	
CPP IPL U-2	270	01/06/2014	10.42		Continued.	BLR T/L.	
Khaparkheda Unit 1	210	01/06/2014	19.15	02/06/2014	00.07	Furnace Pressure High.	
Khaparkheda Unit 4	210	01/06/2014	2.03		Continued.	BTL	
CPP JSW (J) U3	300	01/06/2014	2.47		Continued.	Heater prv.broken	
Chandrapur Unit 7	500	02/06/2014	03.37		Continued.	BFP Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2014

Position as on 6.30 Hrs of 02/Jun/2014

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	31/05/2014	16.26	01/06/2014	09.55	over voltage
Dhule-Sar'Sarovar - I	31/05/2014	21.48	01/06/2014	07.47	over voltage
Kolhapur - Mapusa - II	01/06/2014	16.16		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Chakan-Talegaon(PG)	01/06/2014	00.19	01/06/2014	5.21	Hot spot
Dhule-Sar'Sarovar - II	01/06/2014	17.00		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV315 MVA ICT-I @ BBLR	01/06/2014	21.33		Continued.	Taken on TBC,For Iso.alignment.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Malegaon	30/05/2014	06.20		Continued.	Bus outage at Malegaon.
Parli Extn. - Parli -1 @ Parli	30/05/2014	08.09		Continued.	Repl.of Bolted type Jumper CT& WT
Parly - Harangool - II	30/05/2014	17.55		Continued.	Hot Spot
220 KV Interconnector @ Kalwa	01/06/2014	07.39	01/06/2014	11.33	CT Tan Delta & CB Timing.
220/100KV 200MVA ICT-III at Trombay	01/06/2014	10.04	01/06/2014	18.15	Hot Spot & R.M.Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	31/05/2014	17.10	01/06/2014	08.49	over voltage
Bhusawal- Aurangabad	31/05/2014	17.18	01/06/2014	09.25	over voltage
Karad-Kolhapur-II	01/06/2014	13.58		Continued.	Over Voltage.
Karad-Jaigad I	01/06/2014	16.09		Continued.	Over Voltage.
Bhusawal- Aurangabad	01/06/2014	17.13		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	01/06/2014	17.44	02/06/2014	06.29	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - I	28/04/2014	01.14		Continued.	To Control O/L of 220KV Paras-ChiKhli
Chikhali - Jalna - II	28/04/2014	01.14		Continued.	To control O/L of 220KV Paras-Chikhli
Usmanabad --Bale	02/06/2014	05.24		Continued.	To control L/L.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane - II	01/06/2014	16.00		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Hinganghat-Warora	01/06/2014	20.36	01/06/2014	21.26	Dist.Prot.
Vasai - Bhoisor (PGCIL)	01/06/2014	21.11	01/06/2014	03.37	Hot Spot.
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Narsi	01/06/2014	12.39	01/06/2014	12.55	Dist.Prot.
Parbhani-Parthur	01/06/2014	14.47	01/06/2014	14.51	Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Jun/2014

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	155
Unit 7	210	175
	620	330
Bhusawal		
Unit 2	210	125
Unit 3	210	135
Unit 4	500	300
Unit 5	500	300
	1420	860
Parli		
Unit 3	210	0
Unit 4	210	155
Unit 5	210	0
Unit 6	250	175
Unit 7	250	175
	1130	505
Chandrapur		
Unit 1	210	145
Unit 2	210	0
Unit 3	210	170
Unit 4	210	210
Unit 5	500	450
Unit 6	500	375
Unit 7	500	0
	2340	1350
Paras		
Unit 3	250	0
Unit 4	250	250
	500	250
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	170
Unit 4	210	0
Unit 5	500	350
	1340	820
Nasik		
Unit 3	210	190
Unit 4	210	200
Unit 5	210	200
	630	590
Uran		
All Units	852	600
	852	600
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	18
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	139
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	550
WARDHA	405	100
Adani	2640	1200
Other CPPs	300	510
	4545	2360
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	5838
	3455	5838

	21940	6 of 6 16939
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