



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Aug/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Aug/2012 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	89.488	713.517	1) Gujrat	15.469	47.089
2) Hydro	9.045	87.362	2) Madhya Pradesh	14.269	142.730
3) Gas	7.423	89.807	3) Chattisgarh	10.520	103.500
Total MSGENCO	105.956	890.686	4) Maharashtra	49.299	459.290
B) OTHERS			5) Goa	-5.239	-49.947
1) JSW JAIGAD	25.953	223.924	6) TAPS 1&2 Injection	4.070	36.295
2) WPCL	5.200	56.114	7) RGPPL Injection	11.901	157.756
3) Other CPP / IPP	6.120	50.889	8) Pench (Excess)	0.000	-0.204
4) Wind Generation	29.617	271.330	# Total Cent. Sector	100.289	896.509
5) PENCH (MS)	0.000	0.204	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.653	-120.483
1) TPCL Thermal	29.289	240.325	G) Bilateral Power *		
2) TPCL Hydro	3.288	22.065	1) MSEDCL Bilateral	27.825	233.374
TOTAL TPCL	32.577	262.390	Include PX	0.000	-2.293
3) REL Thermal	12.609	110.309	2) MUMBAI Bilateral	9.968	104.548
D) STATE			Include PX	0.000	8.809
1) Thermal (A1+C1+C3)	131.386	1064.151	3) MUMBAI Schedule	9.968	104.548
2) Hydro (A2+B5+C2)	12.333	109.631	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.423	89.807	1) MSEDCL	261.482	2269.173
4) Wind (B4)	29.617	271.330	2) TPCL	38.363	331.648
5) CPP (B1+B2+B3)	37.273	330.927	3) REL	18.474	161.510
TOTAL STATE	218.032	1865.846	TOTAL STATE	318.319	2762.331

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3840	3984	3365
MSGENCO Hydro	377	578	297
MSGENCO Gas	309	276	309
MSGENCO Total Generation	4526	4838	3971
Central Sector Receipt	4384	4333	4089
WIND	1265	1151	1224
CPP / IPP	1582	1651	1453
Exchange with Mumbai	-695	-462	-292
MSEDCL DEMAND MET	11062	11511	10445
Load Shedding	707	451	234
MSEDCL DEMAND	11769	11962	10679
TPCL GENERATION	1659	1690	840
R-INFRA GENERATION	525	525	525
TPCL+R-INFRA DEMAND	2879	2677	1657
STATE DEMAND MET	13941	14188	12102
STATE DEMAND	14648	14639	12336
Frequency (Hz)	49.83	49.66	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.4 Hz at 09.02 Hrs	49.08 Hz at 21.06 Hrs	49.88	.44 % 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 09/Aug/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.71	20.88	138	93	100
Unit 6	0.00	0.00	0	0	0
Unit 7	3.16	26.35	151	120	120
Total	5.87	47.23			220
Bhusawal					
Unit 2	3.17	23.06	150	110	160
Unit 3	0.00	0.87	0	0	0
Unit 4	2.77	19.24	205	0	
Unit 5	0.00	0.00	0	0	
Total	5.94	43.17			160
Parli					
Unit 3	2.25	14.27	112	83	90
Unit 4	3.13	24.99	149	115	110
Unit 5	2.42	26.23	109	89	100
Unit 6	4.01	30.74	196	128	155
Unit 7	0.00	0.00	0	0	0
Total	11.82	96.24			455
Chandrapur					
Unit 1	3.14	16.12	149	90	120
Unit 2	3.20	22.30	160	116	130
Unit 3	3.59	24.18	172	123	160
Unit 4	4.11	26.45	182	157	170
Unit 5	8.27	69.44	390	265	300
Unit 6	0.00	0.00	0	0	0
Unit 7	7.44	67.72	355	249	300
Total	29.75	226.22			1180
Paras					
Unit 3	4.16	31.92	196	144	150
Unit 4	4.22	34.38	214	127	150
Total	8.38	66.30			300
Khaparkheda					
Unit 1	3.34	19.95	170	100	160
Unit 2	4.28	29.05	200	155	160
Unit 3	4.53	31.76	215	137	160
Unit 4	1.15	24.20	144	0	0
Unit 5	5.65	49.96	278	198	200
Total	18.95	154.92			680
Nasik					
Unit 3	4.72	41.96	210	180	167
Unit 4	4.05	37.48	186	138	192
Unit 5	0.00	0.00	0	0	0
Total	8.78	79.44			359
Uran					
All Units	7.42	89.81	407	255	280
Total	7.42	89.81			280
PENCH (MS)					
Pench (MS)		0.20	0	0	
Total		0.20			
Koyna					
Stage 1-2	3.31	24.85	435	40	530
Stage 4	1.26	23.26	528	0	250
Stage 3	2.52	18.10	240	0	240
Kovna 12&4 Total	4.57	48.11			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	7.09	66.22			1020
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.28	1.07	61	0	0
TILLARI	0.18	4.31	61	0	60
BHTGR/VEER	0.10	0.40	5	4	4
BHIRA T.R.	0.44	3.52	81	0	80
RNGR+BHTSA	0.08	0.78	4	3	4
BHANDARDRA	0.18	2.95	8	7	13
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.69	3.52	29	28	5
GHATGHAR	0.00	4.60	0	0	0
Total	1.96	21.14			166
Wind					
MalharPeth	1.43	13.39			
Vankuswadi	2.35	17.13			
ATIT	0.30	4.46			
Kale	0.67	7.97			
Satara	5.41	30.82			
Shirala	0.76	8.52			
K Mahankal	0.10	15.14			
Supa	0.32	4.37			
Vita	4.92	35.53			
Dondaicha	8.77	86.93			
Sakri	1.26	12.24			
Nandurbar	0.73	8.91			
Khandke	1.26	13.22			
Khaparale	1.32	12.71			
Total	29.62	271.33			
CPP					
JSW JAIGAD	25.95	223.92	1211	913	925
WARDHA	5.20	56.11	295	178	290
Other CPPs	6.12	50.89			
Total	37.27	330.93			1215
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.59	91.68	504	286	500
Trombay 6	8.44	58.42	505	155	500
Trombay 7A	2.98	26.41	126	121	120
Trombay 7B	1.63	14.55	69	67	60
Trombay 8	5.65	49.26	247	203	250
TATA Hydro	3.29	22.06	341	0	447
Total	32.58	262.39			1877
REL					
1&2	12.61	110.31	527	524	500
Total	12.61	110.31			500
Cent Sect					
Share					4368
Total					4368

MS PG CL	Thermal	89.49	713.52			3354
	Thml+Gas	96.91	803.32			3634
	Hydro	9.04	87.36			1186
	Total	105.96	890.69			4820
State Total		218.03	1865.85			12780

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Aug/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	3377	1052	311	4740	1214	1457	3840	4175	-393	-370	11216	173	11389	1948	13337	49.98
2	3335	591	309	4235	1407	1454	3775	4026	-377	-296	10826	208	11034	1791	12825	49.93
3	3307	394	309	4010	1414	1448	3770	4089	-377	-304	10657	216	10873	1704	12577	49.94
4	3365	297	309	3971	1224	1453	3767	4089	-377	-292	10445	234	10679	1657	12336	50.03
5	3445	349	307	4101	1272	1445	3770	4135	-377	-302	10651	261	10912	1665	12577	50.02
6	3430	638	307	4375	1335	1379	3817	4339	-356	-302	11126	327	11453	1753	13206	49.94
7	3487	509	308	4304	1498	1457	3877	4423	-314	-335	11347	633	11980	1868	13848	50.07
8	3556	269	308	4133	1293	1507	3898	4340	-370	-416	10857	777	11634	2015	13649	50.09
9	3684	361	312	4357	1263	1579	3937	4144	-370	-490	10853	893	11746	2288	14034	49.96
10	3803	448	308	4559	1184	1580	3950	4199	-400	-572	10950	760	11710	2649	14359	49.98
11	3840	377	309	4526	1265	1582	4287	4384	-390	-695	11062	707	11769	2879	14648	49.83
12	3749	327	346	4422	1104	1581	4092	4664	-390	-770	11001	665	11666	2934	14600	49.97
13	3802	351	341	4494	1110	1589	3987	4267	-419	-671	10789	741	11530	2911	14441	49.73
14	3859	190	255	4304	1021	1598	4158	4119	-447	-573	10469	642	11111	2799	13910	49.83
15	3924	164	318	4406	905	1630	4230	4078	-480	-568	10451	551	11002	2825	13827	49.70
16	4007	84	273	4364	1169	1630	4298	4059	-482	-622	10600	655	11255	2808	14063	50.03
17	3946	84	288	4318	1363	1643	4025	3773	-462	-619	10478	556	11034	2797	13831	49.81
18	3887	89	287	4263	1353	1644	4029	3694	-462	-604	10350	426	10776	2753	13529	49.81
19	3970	242	291	4503	1127	1670	4174	4002	-453	-441	10861	331	11192	2659	13851	49.83
20	3984	578	276	4838	1151	1651	4183	4333	-458	-462	11511	451	11962	2677	14639	49.66
21	3967	665	291	4923	1101	1670	4216	4306	-456	-479	11521	434	11955	2569	14524	49.63
22	3910	412	326	4648	1229	1674	4258	4294	-458	-489	11356	366	11722	2439	14161	49.63
23	3927	181	407	4515	1273	1561	4097	4328	-452	-504	11173	215	11388	2300	13688	49.76
24	3927	394	327	4648	1347	1391	3539	4029	-444	-477	10938	157	11095	2151	13246	49.94
MUs	89.49	9.05	7.42	105.96	29.62	37.27	95.97	100.29	-9.97	-11.65	261.49	11.38	272.87	56.84	329.71	49.88

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 09/Aug/2012

Position as on 6.30 Hrs of 10/Aug/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Hydro GhatgharU1	125	05/07/2012	15:30		Continued.	Annual Overhaul	04/09/2012
Nasik Unit 5	210	12/07/2012	00.35		Continued.	Capital Overhaul	15/08/2012
Parli Unit 7	250	16/07/2012	18.15		Continued.	Annual Overhaul(Earlier W/D for Water Crisis and Coal Shortage.Converted to AOH on 21/7/2012)	11/08/2012
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	21/08/2012
Cent_Sect NTPC(V) 9	500	20/07/2012	00.04		Continued.	Annual Overhaul.	15/08/2012
Chandrapur Unit 6	500	22/07/2012	00.49		Continued.	Annual Overhaul.	17/08/2012
Bhusawal Unit 3	210	01/08/2012	07.15		Continued.	Capital Overhaul	05/09/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Koyna Unit 11	80	18/06/2012	08.00		Continued.	Stator E/F.	17/08/2012
Dabhol 2B	230	14/07/2012	23.01		Continued.	Gas Shortage	
Koradi Unit 6	210	23/07/2012	10:51		Continued.	P. A. Fan problem.	
Dabhol 1B	230	23/07/2012	15.57		Continued.	Combustion Inspection	
Koyna Unit 6	75	31/07/2012	10:05		Continued.	Bearing replacement work.	11/08/2012
Cent_Sect TARAPUR-4	540	01/08/2012	18.16		Continued.	Turbine oil leakage.	
Uran Unit 6	108	01/08/2012	19.29		Continued.	Gas Shortage	
CPP WPCL U-1	135	03/08/2012	08.21		Continued.	Electric Fault.	
Cent_Sect Sipat U-2	660	05/08/2012	10.25		Continued.	Boiler Tube Leakage	
CPP JSW (J) U4	300	06/08/2012	15.48	09/08/2012	05.22	PA fan problem.	
Uran Unit 8	108	07/08/2012	11.57		Continued.	Gas shortage.	
Khaparkheda Unit 4	210	08/08/2012	02.31	09/08/2012	09.25	Low Bunker Level.	
Dabhol 3B	230	08/08/2012	11:40		Continued.	Gas Shortage.	
CPP WPCL U-4	135	09/08/2012	05.07		Continued.	P.A.Fan Problem	
CPP JSW (J) U4	300	09/08/2012	05.35	09/08/2012	06.06	Tripped	
Cent_Sect NTPC(V-5)	210	09/08/2012	19.47		Continued.	Boiler Tube Leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2012

Position as on 6.30 Hrs of 10/Aug/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Parli-Parli (PGCIL) I	02/08/2012	12.16		Continued.	Opening of Jumpers of Main Bus-I Between Lonikand -II & PGCIL - I.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Solapur (PG) II	04/07/2012	09.47		Continued.	PGCIL Work
Parli-Parli (PGCIL)-II	19/07/2012	08:08		Continued.	Over Voltage.
Seoni-Wardha-II 765KV.	23/07/2012	11.47		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	25/07/2012	21.58		Continued.	Over Voltage
Kolhapur - Mapusa - I	02/08/2012	16.56		Continued.	Over Voltage.
Akola - Wardha - I	06/08/2012	01.04		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Maintenance work.
400/220 KV 500 MVA ICT-I @ Deepnagar	24/07/2012	09.30		Continued.	Modification in Control and Relay Panels and SCADA trials
400/220 KV,500MVA ICT - III at Parly	02/08/2012	11.25		Continued.	Opening of Jumpers of M B-I, Bet. Lonikand-II & PGCIL-I & Parli.
Main Bus-II @ Kolhapur	07/08/2012	11.50	09/08/2012	15.23	Bus bar protection scheme testing and isolator replacement work.
400/220 KV 315 MVA ICT - II @ Lamboti	08/08/2012	11.21	09/08/2012	09.51	Q.M.Work(Ready for charging since 16.50Hrs)
400/220 KV 315 MVA ICT - I @ Chakan	09/08/2012	08.51	09/08/2012	18.29	To Attend SERGE Pending Work & Isolator Problem.
400/220KV 315MVA ICT-II @ New Koyna	09/08/2012	10.00	09/08/2012	17.18	Replacement of R Ph.Unit 220KV Jumper & R.M.Work.
400/220KV,200MVA Spare ICT at Kalwa.	09/08/2012	13.20	09/08/2012	14.55	Measurment of Conservation Tank.
400/220 KV 315MVA ICT-II @ Kolhapur	09/08/2012	15.27	09/08/2012	15.37	Heavy Sparking on Aux.Bus Isolator.
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.
Main Bus -I at BBLSR	19/07/2012	14.12		Continued.	Conductor replacement work Upto 9.8.12
Lamboti-Bale-I	08/08/2012	06.25		Continued.	Conductor replacement work
220/132KV 200MVA ICT-I @ Raymond	08/08/2012	15.20		Continued.	Low Oil level checking(Charged from LV side at 16.41Hrs)
Hingoli-Pusad	09/08/2012	09.55	09/08/2012	15.18	In View of Yeotmal-Pusad Outage.
Yavatmal-Pusad	09/08/2012	10.00	09/08/2012	15.14	Attending Hot Spot on Line Isolator R Ph Breaker Side Clamp & Bus Isolator R Ph. Breaker Side Clamp.
220/132 KV 200 MVA ICT - II @ Theur	09/08/2012	10.02	09/08/2012	11.55	Attending Hot Spot.
Kharghar-TSS	09/08/2012	10.21	09/08/2012	17.38	Provision of Auto Recloser Arragment..
Baramati-Kurkumb	09/08/2012	11.00	09/08/2012	22.30	Maint.Work.
220/33 KV 100 MVA ICT IV at Jamde	09/08/2012	11.20	09/08/2012	15.20	Attending Red Hot @ R Ph.C T & Y Ph.C T Clamp Nut Bolt.
Kalwa - Siemens	09/08/2012	11.58	09/08/2012	14.27	Hot Spot Attending Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2012

Position as on 6.30 Hrs of 10/Aug/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Aurangabad-Deepnagar-II	03/07/2012	15.29		Continued.	Over Voltage
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz protection operated.
Bhusawal- Aurangabad	22/07/2012	16.09		Continued.	Over Voltage.
Karad - Kolhapur - II	08/08/2012	18.12	09/08/2012	09.37	Over Voltage
Karad-Kolhapur-II	10/08/2012	00.04		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Temghar - II	09/07/2012	16.33		Continued.	For Padgha ICT loading.
Magarpatta - Sirum	21/07/2012	19.18		Continued.	To free TBC of Magarpatta.
Chakan - Bhosari	09/08/2012	08.49		Continued.	To Control Chakan ICT Loading.
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC Pole II Padgha	10/08/2012	05.30		Continued.	Smoothing Oil Pressure Trip.
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.
New Koyna - Dabhol - II	10/08/2012	04.27		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 100 MVA ICT @ Gadchiroli	18/06/2012	15.31		Continued.	Differential Protection operated
220/132 KV 100 MVA ICT - II @ Tulzapur	09/08/2012	17.24		Continued.	Master Trip Indication,ICT Was on NO Load.
Voltage Level : 132KV			Outage Type TRIPPED		
Girwali - Kej	08/08/2012	15.32	09/08/2012	18.11	Distance Protection
Kej - Kallam	09/08/2012	10.55	09/08/2012	18.15	To Attend E/W.
Bhusawal - Muktainagar	09/08/2012	20.39		Continued.	Distance Protection Operated Z-II Sotf Received Breakdown Declared.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Aug/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	100
Unit 6	210	0
Unit 7	210	165
	620	265
Bhusawal		
Unit 2	210	150
Unit 3	210	0
Unit 4	500	
Unit 5	500	
	1420	150
Parli		
Unit 3	210	95
Unit 4	210	130
Unit 5	210	100
Unit 6	250	185
Unit 7	250	0
	1130	510
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	150
Unit 4	210	185
Unit 5	500	250
Unit 6	500	0
Unit 7	500	275
	2340	1170
Paras		
Unit 3	250	185
Unit 4	250	215
	500	400
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	200
Unit 4	210	170
Unit 5	500	250
	1340	960
Nasik		
Unit 3	210	192
Unit 4	210	162
Unit 5	210	0
	630	354
Uran		
All Units	852	280
	852	280
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	240
	1920	1020
Hydro		
KDPH	40	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	4
BHANDARDRA	45	8
ELDARY	23	0
SMLHY PTN	12	12
GHATGHAR	250	
	611	169
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	725
WARDHA	405	290
Other CPPs	0	
	1005	1015
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	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4215
	3455	4215