



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Oct/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Oct/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.547	1008.513	1) Madhya Pradesh	76.658	643.928
2) Hydro	3.579	64.842	2) Gujrat	19.967	271.771
3) Gas	14.882	147.096	3) Goa	-6.183	-67.247
Total MSGENCO	127.008	1220.451	4) TAPS 1&2 (Inj.)	7.118	74.868
B) OTHERS			5) Pench (Excess)	-0.562	-7.186
1) RGPPL Gas	29.127	359.514	# Total Cent. Sector	96.998	916.134
2) Wind Generation	10.011	39.080	F) Other Exchanges		
3) CPP / IPP	12.462	95.468	1) With TPCL (Excess)	-9.825	-130.500
4) PENCH (MS)	0.562	7.186	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	9.342	90.791
1) TPCL Thermal	25.545	289.213	Include PX	2.208	25.519
2) TPCL Hydro	0.042	14.604	2) MUMBAI Bilateral	10.697	136.491
TOTAL TPCL	25.587	303.817	Include PX	2.803	39.167
3) REL Thermal	12.575	125.307	3) MUMBAI Schedule	10.697	136.491
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	146.667	1423.033	1) MSEDCL	266.343	2507.333
2) Hydro (A2+B3+C2)	4.183	86.632	2) TPCL	30.696	367.570
3) Gas (A3+B1)	44.009	506.610	3) REL	17.291	191.937
4) Wind (B2)	10.011	39.080	TOTAL STATE	314.330	3066.840
5) CPP (B3)	12.462	95.468			
TOTAL STATE	217.332	2150.823			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4477	4635	4533
MSGENCO Hydro	143	236	68
MSGENCO Gas	648	421	665
MSGENCO Total Generation	5268	5292	5266
Central Sector Receipt	4225	4742	3455
RGPPL	1143	1232	1245
WIND	383	332	638
CPP / IPP	578	521	465
Exchange with TPCL	-402	-527	-307
MSEDCL DEMAND MET	11195	11612	10809
Load Shedding	2655	3470	1363
MSEDCL DEMAND (INCL. LS)	13850	15082	12172
TPCL GENERATION	1162	1217	936
REL GENERATION	525	524	527
TPCL+REL DEMAND	2089	2268	1770
STATE DEMAND MET	13284	13880	12579
STATE DEMAND (INCL. LS)	15939	17350	13942
Frequency (Hz)	49.99	50.07	50.12
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4381 MW At 19.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			75.89 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.46 Hz at 18.06 Hrs	49.56 Hz at 00.10 Hrs	50.03	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 10/Oct/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.31	8.22	70	34	70
Unit 2	1.54	13.39	78	44	60
Unit 3	1.44	15.05	70	49	56
Unit 4	0.00	0.00	0	0	0
Unit 5	3.28	34.54	158	125	140
Unit 6	3.29	21.82	155	103	145
Unit 7	3.18	34.32	150	115	135
	14.05	127.34			606
Bhusawal					
Unit 1	0.43	6.14	29	0	25
Unit 2	0.83	29.91	165	0	0
Unit 3	3.92	33.16	170	155	160
	5.18	69.20			185
Parli					
Unit 1	0.50	0.50	23	6	24
Unit 2	0.50	5.27	22	18	22
Unit 3	4.20	36.38	183	169	175
Unit 4	0.00	30.21	0	0	0
Unit 5	3.53	31.08	160	123	140
Unit 6	3.97	38.80	206	142	145
Unit 7	3.66	42.92	197	118	145
	16.35	185.15			651
Chandrapur					
Unit 1	3.24	20.00	157	118	120
Unit 2	3.26	29.00	159	115	130
Unit 3	3.37	29.06	157	99	150
Unit 4	3.59	30.47	166	135	150
Unit 5	9.63	60.79	430	360	400
Unit 6	8.38	83.23	400	245	325
Unit 7	6.08	72.42	303	169	300
	37.56	324.96			1575
Paras					
Unit 2	0.90	7.92	40	35	40
Unit 3	4.30	38.22	200	150	180
Unit 4	4.06	37.51	196	140	150
	9.27	83.65			370
Khaparkheda					
Unit 1	4.52	45.70	195	175	190
Unit 2	2.79	4.80	139	95	100
Unit 3	4.29	42.19	192	170	190
Unit 4	3.99	32.98	173	155	170
	15.60	125.68			650
Nasik					
Unit 1	1.56	12.43	84	0	77
Unit 2	2.00	7.78	93	72	85
Unit 3	3.52	35.66	170	120	153
Unit 4	0.00	0.00	0	0	0
Unit 5	3.47	36.67	167	110	160
	10.54	92.53			475
Koyna					
Stage 1-2	1.20	26.10	110	35	600
Stage 4	0.00	0.00	0	0	
Stage 3	0.03	7.51	20	0	320
	1.23	33.62			920
Kovna 12&4 Total	1.20	26.10			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		14.88	147.10	672	421	640
		14.88	147.10			640
Hydro						
KDPH		0.00	3.61	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.42	3.60	60	0	60
BHTGR/VEER		0.07	1.05	3	2	9
BHIRA T.R.		0.05	1.43	33	0	40
RNGR+BHTSA		0.31	3.38	13	13	0
BHANDARDRA		0.00	0.63	0	0	0
ELDARY		0.00	4.28	0	0	0
SMLHY PTN		0.34	3.11	23	11	20
GHATGHAR		1.16	10.13	250	0	0
		2.35	31.22			129
PENCH (MS)						
Pench (MS)		0.56	7.19	50	0	
		0.56	7.19			
Wind						
MalharPeth		0.37	1.82			
Vankuswadi		0.62	3.96			
ATIT		0.51	1.45			
Kale		0.28	1.42			
Satara		0.61	2.92			
Shirala		0.31	1.62			
K Mahankal		0.12	1.53			
Supa		0.10	0.78			
Vita		0.82	4.74			
Dondaicha		4.09	11.03			
Sakri		0.61	1.77			
Nandurbar		0.56	1.40			
Khandke		0.45	2.53			
Khaparale		0.56	2.11			
		10.01	39.08			
CPP						
TOTAL CPP		12.46	95.47			
		12.46	95.47			
Dabhol						
RGPPL		29.13	359.51	1323	1143	1247
		29.13	359.51			1247
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.05	114.91	490	400	500
Trombay 6		4.62	76.48	320	150	500
Trombay 7A		2.90	28.63	123	120	120
Trombay 7B		1.62	15.99	68	67	60
Trombay 8		5.35	53.20	248	150	250
TATA Hydro		0.04	14.60	16	0	447
		25.59	303.82			1877
REL						
1&2		12.58	125.31	527	519	500
		12.58	125.31			500
Cent Sect						
Share						3678
						3678
MS PG CL	Thermal	108.55	1008.51			4512
	Thml+Gas	123.43	1155.61			5152
	Hydro	3.58	64.84			1049
	Total	127.01	1220.45			6201
State Total		217.33	2150.82			13503

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Oct/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	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	4322	71	660	5053	1323	658	484	3247	3617	-656	-612	10573	2014	12587	2127	14714	49.84
2	4384	67	667	5118	1240	597	465	3096	3408	-485	-440	10436	2065	12501	1963	14464	49.99
3	4403	73	667	5143	1243	627	466	3054	3407	-425	-386	10547	1758	12305	1879	14184	50.04
4	4533	68	665	5266	1245	638	465	3034	3455	-355	-307	10809	1363	12172	1770	13942	50.12
5	4599	67	669	5335	1247	643	462	3046	3565	-307	-261	11039	1388	12427	1720	14147	50.13
6	4649	102	670	5421	1242	602	462	3083	3578	-307	-259	11094	1536	12630	1751	14381	49.95
7	4605	77	672	5354	1243	474	463	3265	3592	-299	-255	10909	1949	12858	1764	14622	49.99
8	4720	62	671	5453	1247	422	475	3247	3632	-285	-237	10992	2118	13110	1745	14855	50.11
9	4670	118	666	5454	1235	442	515	3272	3856	-312	-271	11278	2184	13462	1782	15244	50.00
10	4580	268	653	5501	1234	373	539	3440	3723	-347	-315	11055	2859	13914	1886	15800	50.23
11	4443	198	654	5295	1180	275	561	3557	4080	-422	-390	11001	2826	13827	2029	15856	50.09
12	4477	143	648	5268	1143	383	578	3498	4225	-446	-402	11195	2655	13850	2089	15939	49.99
13	4521	94	640	5255	1147	312	576	3474	4424	-446	-424	11290	2687	13977	2088	16065	50.02
14	4479	72	647	5198	1146	288	579	3474	4340	-446	-425	11126	2557	13683	2069	15752	50.08
15	4348	197	642	5187	1145	238	572	3429	4613	-446	-425	11330	2619	13949	2040	15989	50.08
16	4407	187	640	5234	1143	289	566	3290	4450	-442	-421	11261	2541	13802	2036	15838	49.99
17	4469	81	642	5192	1144	300	595	3268	4306	-423	-404	11150	2779	13929	1996	15925	50.05
18	4490	128	640	5258	1176	353	587	3244	4209	-428	-401	11208	2723	13931	1971	15902	49.89
19	4566	231	659	5456	1229	393	580	3695	4428	-431	-429	11677	3214	14891	2060	16951	50.06
20	4635	236	421	5292	1232	332	521	3990	4742	-560	-527	11612	3470	15082	2268	17350	50.07
21	4671	294	429	5394	1233	334	496	3844	4786	-565	-519	11751	3088	14839	2277	17116	50.03
22	4563	323	505	5391	1234	325	494	3708	4546	-565	-518	11498	2925	14423	2241	16664	50.11
23	4488	215	525	5228	1235	357	487	3424	4267	-637	-587	11014	2786	13800	2232	16032	49.95
24	4525	207	530	5262	1241	356	474	3301	3749	-661	-610	10498	2526	13024	2204	15228	50.01
MUs	108.5 5	3.58	14.88	127.01	29.13	10.01	12.46	80.98	97.00	-10.70	-9.82	266.34	58.63	324.97	47.99	372.96	50.03

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 10/Oct/2010

Position as on 6.30 Hrs of 11/Oct/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)	30/12/2010
Koyna ST-IV 1	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 4	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Annual Overhaul.	15/10/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	11/11/2010
Cent_Sect NTPC(V-6)	210	19/09/2010	13.56	11/10/2010	05.00	Annual overhaul.	
Cent_Sect TARAPUR-3	540	03/10/2010	22.03	11/10/2010	02.27	Steam line work.	
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel refuelling.	12/11/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/10/2010
Nasik Unit 1	125	07/10/2010	06.35	10/10/2010	01.40	Boiler Tube Leakage.	
Cent_Sect NTPC(K-6)	500	08/10/2010	16.55	10/10/2010	02.52	Boiler Tube Leakage.	
Parli Unit 4	210	09/10/2010	11.08	11/10/2010	11.10	BLR T/L.	
Dabhol 1B	230	10/10/2010	00.29	11/10/2010	11.59	Flue gas leakage in turbine compartment.	
Bhusawal Unit 2	210	10/10/2010	05.20		Continued.	BLR T/L.	14/10/2010
Bhusawal Unit 1	58	10/10/2010	18.10	11/10/2010	01.40	T/L.	
Uran Unit 6	108	10/10/2010	20.05	10/10/2010	20.50	C.T.O.high	
Uran Unit 8	108	10/10/2010	20.05	11/10/2010	05.40	C.T.O.high	
Nasik Unit 2	125	11/10/2010	21.40		Continued.	Boiler Tube Leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2010

Position as on 6.30 Hrs of 11/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Bhoisor-Bhoisor(PGCIL)-I	10/10/2010	14.38	10/10/2010	18.45	A Bus isolator maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	03/10/2010	17.38		Continued.	Over Voltage.
Wardha - Akola - II	08/10/2010	17.55		Continued.	Normal Changeover.
Kolhapur-Mapusa-II	09/10/2010	22.55	11/10/2010	11.29	Over Voltage.
Dhule - S'Sarovar- II	09/10/2010	23.40	10/10/2010	08.28	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrpur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Main Bus - II @ Koyna Stg - IV	26/09/2010	10.45		Continued.	Maintenance Work.
Main Bus- II @ Aurangabad	11/10/2010	11.18	11/10/2010	18.00	For ICT-II bay work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT- IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
Main breaker of Chalisgaon-Malegaon Ckt.	27/09/2010	11.07		Continued.	Main breaker replacement.Ckt.is on TBC.
220/100KV 100 MVA ICT- II @ Tambati	05/10/2010	09.00		Continued.	Breaker overhauling and bay maintenance work.
220KV TBC At 400Kv Koradi	05/10/2010	09.50	11/10/2010	17.00	Replacement of 29(C)isolator of 220KV TBC.
Tifil-Trombay	08/10/2010	10.18		Continued.	Erection & Stringing of M/C Towers (Loc.22-40) & Dismantling of Old Towers upto 6.11.2010.
A Bus @ Boiser	08/10/2010	10.20	11/10/2010	11.49	CRM, Timing Bus Isolator Alignment Work.
Bus Coupler at Butibori	09/10/2010	11.40	10/10/2010	17.23	Breaker over hauling work.
Boiser-Versova	10/10/2010	07.00	10/10/2010	11.42	A Bus isolator maintenance work.
Pedambe-Tambati	10/10/2010	08.35	10/10/2010	19.05	Bay maint.work.
Boisor - Dahanu	10/10/2010	12.26	10/10/2010	14.15	A Bus isolator maintenance work.
Bus Section @ Pedambe	11/10/2010	08.05	11/10/2010	12.10	Preventive maintenance.
Badnera-Amravati	11/10/2010	09.35	11/10/2010	13.05	Q.M.Work
220/132 200 MVA ICT - I @ Harangul	11/10/2010	11.07	11/10/2010	14.46	To attend oil leakage.
220 KV Bus Coupler at Pedambe.	11/10/2010	13.15	11/10/2010	17.45	Bay preventive maintenance work.
Shendra-Jalna Ckt.	11/10/2010	13.58	11/10/2010	16.50	Q.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Nardhane - Shirpur	10/10/2010	12.00	10/10/2010	16.40	Armouring of Y and B Ph.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Bhusawal- Aurangabad	03/10/2010	18.02	11/10/2010	09.01	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2010

Position as on 6.30 Hrs of 11/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Lonikand- Koyna Stage IV	09/10/2010	23.35	10/10/2010	08.40	Over Voltage.
Lonikand- Koyna Stage IV	10/10/2010	23.48	11/10/2010	08.31	Over Voltage.
Bhusawal- Aurangabad	11/10/2010	17.58		Continued.	Over Voltage
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	05/10/2010	15.44		Continued.	ICT overlading at Kalwa.
Voltage Level : 400KV			Outage Type TRIPPED		
Khadka - Deepnagar - II	29/09/2010	20.53		Continued.	DT Received @ Khadka.
Karad - Kolhapur - II	07/10/2010	02:48		Continued.	On Over Voltage.
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchloz.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100KV 200MVA T/F-II @APTA	15/08/2010	21.10		Continued.	Diff.Prot.CTR system operated.
KDPH-Wankuswadi	10/10/2010	04.10	10/10/2010	14.15	Distance Protection.
Babaleshwar - Nagar - I	10/10/2010	08.00	10/10/2010	08.30	Load triming scheme operated.
Babaleshwar - Nagar - II	10/10/2010	08.00	10/10/2010	08.43	Load triming scheme operated.
Miraj-Maisal	10/10/2010	14.27	10/10/2010	17.45	Y-Ph line isolator sparking.
Lote-Dasturi	11/10/2010	11.50	11/10/2010	14.25	Distance protection.
Pophali-K'gaon	11/10/2010	13.20	11/10/2010	18.05	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara-Tekepar	09/10/2010	23.55	10/10/2010	00.10	Back up protection operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Oct/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	40
Unit 2	105	35
Unit 3	105	50
Unit 4	105	0
Unit 5	200	130
Unit 6	210	130
Unit 7	210	140
	1040	525
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	170
	478	195
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	172
Unit 4	210	0
Unit 5	210	140
Unit 6	250	165
Unit 7	250	165
	1190	682
Chandrapur		
Unit 1	210	140
Unit 2	210	140
Unit 3	210	150
Unit 4	210	160
Unit 5	500	425
Unit 6	500	400
Unit 7	500	280
	2340	1695
Paras		
Unit 2	55	42
Unit 3	250	180
Unit 4	250	180
	555	402
Khaparkheda		
Unit 1	210	190
Unit 2	210	160
Unit 3	210	195
Unit 4	210	170
	840	715
Nasik		
Unit 1	120	95
Unit 2	120	92
Unit 3	210	195
Unit 4	210	0
Unit 5	210	164
	870	546
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	6
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	126
PENCH (MS)		
Pench (MS)	53	0
	53	0
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		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1245
	960	1245
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	3143	3844
	3143	3844

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