



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/Oct/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/Oct/2010 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.167	3033.482	1) Madhya Pradesh	56.794	1832.039
2) Hydro	3.796	165.394	2) Gujrat	18.777	655.417
3) Gas	14.894	431.794	3) Goa	-6.291	-189.157
Total MSGENCO	130.857	3630.670	4) TAPS 1&2 (Inj.)	2.283	147.967
B) OTHERS			5) Pench (Excess)	-0.273	-16.819
1) RGPPL Gas	35.758	1025.684	# Total Cent. Sector	71.290	2429.447
2) Wind Generation	5.055	107.329	F) Other Exchanges		
3) CPP / IPP	15.376	372.419	1) With TPCL (Excess)	-12.472	-340.567
4) PENCH (MS)	0.273	18.064	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.353	257.352
1) TPCL Thermal	26.878	826.161	Include PX	0.718	49.091
2) TPCL Hydro	3.878	70.387	2) MUMBAI Bilateral	13.653	379.505
TOTAL TPCL	30.756	896.548	Include PX	2.249	76.681
3) REL Thermal	12.514	348.128	3) MUMBAI Schedule	13.653	379.505
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	151.559	4207.771	1) MSEDCL	246.137	7243.046
2) Hydro (A2+B3+C2)	7.947	253.845	2) TPCL	37.140	1051.661
3) Gas (A3+B1)	50.652	1457.478	3) REL	18.600	533.697
4) Wind (B2)	5.055	107.329	TOTAL STATE	301.877	8828.404
5) CPP (B3)	15.376	372.419			
TOTAL STATE	230.589	6398.842			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4759	4960	4339
MSGENCO Hydro	125	483	54
MSGENCO Gas	651	639	498
MSGENCO Total Generation	5535	6082	4891
Central Sector Receipt	3045	3135	3045
RGPPL	1550	1491	1436
WIND	148	190	152
CPP / IPP	645	642	636
Exchange with TPCL	-586	-642	-177
MSEDCL DEMAND MET	10337	10951	9990
Load Shedding	2151	3297	280
MSEDCL DEMAND (INCL. LS)	12488	14248	10270
TPCL GENERATION	1424	1581	906
REL GENERATION	523	520	522
TPCL+REL DEMAND	2533	2743	1605
STATE DEMAND MET	12870	13694	11595
STATE DEMAND (INCL. LS)	15021	16991	11875
Frequency (Hz)	49.93	49.85	50.00
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3195 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			33.27 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.41 Hz at 21.47 Hrs	49.38 Hz at 18.28 Hrs	49.93	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 29/Oct/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.58	35.87	78	43	63
Unit 2	1.57	41.57	70	60	62
Unit 3	1.61	41.98	80	51	55
Unit 4	0.00	0.00	0	0	0
Unit 5	3.43	93.86	158	109	145
Unit 6	3.28	76.88	155	120	130
Unit 7	0.00	82.13	0	0	0
	11.48	372.29			455
Bhusawal					
Unit 1	1.06	20.94	50	25	50
Unit 2	3.76	88.68	175	125	150
Unit 3	3.38	91.23	165	120	150
	8.19	200.84			350
Parli					
Unit 1	0.00	7.90	0	0	0
Unit 2	0.53	13.54	24	20	20
Unit 3	3.98	101.18	180	135	172
Unit 4	0.00	77.42	0	0	0
Unit 5	3.19	75.74	156	89	140
Unit 6	4.05	112.92	197	130	150
Unit 7	3.73	115.70	230	102	180
	15.48	504.40			662
Chandrapur					
Unit 1	3.48	78.40	170	113	150
Unit 2	0.00	72.52	0	0	0
Unit 3	3.72	91.07	184	131	140
Unit 4	3.85	93.04	190	125	150
Unit 5	8.16	201.49	440	250	325
Unit 6	8.42	224.86	415	250	350
Unit 7	8.78	205.07	434	264	400
	36.41	966.45			1515
Paras					
Unit 2	0.98	24.86	44	37	40
Unit 3	3.92	117.52	203	145	150
Unit 4	3.78	111.86	204	110	150
	8.68	254.24			340
Khaparkheda					
Unit 1	5.00	136.62	215	185	205
Unit 2	4.71	63.20	207	186	200
Unit 3	4.71	121.22	200	188	195
Unit 4	4.13	104.97	178	168	170
	18.55	426.01			770
Nasik					
Unit 1	2.08	47.62	94	68	85
Unit 2	2.18	33.02	100	63	85
Unit 3	4.74	115.68	215	185	180
Unit 4	0.00	0.00	0	0	0
Unit 5	4.38	112.93	200	160	190
	13.38	309.25			540
Koyna					
Stage 1-2	1.32	70.44	145	30	600
Stage 4	0.00	0.00	0	0	0
Stage 3	0.19	18.88	110	0	320
	1.51	89.33			920
Kovna 12&4 Total	1.32	70.44			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		14.89	431.79	657	498	640
		14.89	431.79			640
Hydro						
KDPH		0.00	5.38	0	0	19
VTRNA		0.00	0.00	0	0	0
TILLARI		0.39	10.88	60	0	60
BHTGR/VEER		0.04	2.08	2	0	0
BHIRA T.R.		0.24	5.29	81	0	80
RNGR+BHTSA		0.31	9.74	15	12	14
BHANDARDRA		0.00	2.51	0	0	0
ELDARY		0.08	5.13	8	0	0
SMLHY PTN		0.07	7.86	12	0	0
GHATGHAR		1.15	27.20	250	0	0
		2.28	76.06			173
PENCH (MS)						
Pench (MS)		0.27	18.06	53	0	
		0.27	18.06			
Wind						
MalharPeth		0.24	4.46			
Vankuswadi		0.73	10.88			
ATIT		0.10	3.01			
Kale		0.35	4.09			
Satara		0.25	8.44			
Shirala		0.35	4.67			
K Mahankal		1.10	5.52			
Supa		0.05	2.25			
Vita		1.56	18.91			
Dondaicha		0.06	26.82			
Sakri		0.02	4.10			
Nandurbar		0.01	3.42			
Khandke		0.24	6.54			
Khaparale		0.01	4.21			
		5.06	107.33			
CPP						
TOTAL CPP		15.38	372.42			
		15.38	372.42			
Dabhol						
RGPPL		35.76	1025.68	1568	1412	1560
		35.76	1025.68			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.28	323.69	490	410	500
Trombay 6		5.64	216.10	375	150	500
Trombay 7A		2.90	83.68	124	117	120
Trombay 7B		1.62	46.53	68	67	60
Trombay 8		5.44	156.15	251	155	250
TATA Hydro		3.88	70.39	373	0	447
		30.76	896.55			1877
REL						
1&2		12.51	348.13	524	517	500
		12.51	348.13			500
Cent Sect						
Share						3426
						3426
MS PG CL	Thermal	112.17	3033.48			4632
	Thml+Gas	127.06	3465.28			5272
	Hydro	3.80	165.39			1093
	Total	130.86	3630.67			6365
State Total		230.59	6398.84			13728

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	4309	57	654	5020	1434	197	635	3052	2622	-578	-418	9516	988	10504	2023	12527	49.88
2	4339	47	653	5039	1432	183	635	2933	2420	-460	-323	9412	626	10038	1863	11901	49.91
3	4367	54	499	4920	1434	156	633	2862	2818	-379	-273	9714	491	10205	1702	11907	49.98
4	4339	54	498	4891	1436	152	636	2767	3045	-286	-177	9990	280	10270	1605	11875	50.00
5	4387	64	531	4982	1432	141	637	2767	3148	-286	-178	10162	575	10737	1605	12342	49.84
6	4501	159	552	5212	1412	146	633	2744	3366	-262	-204	10565	1292	11857	1648	13505	49.77
7	4673	134	619	5426	1489	158	633	3045	2624	-375	-347	9983	2068	12051	1888	13939	49.90
8	4779	54	657	5490	1568	141	635	3069	2996	-399	-372	10458	1914	12372	1903	14275	49.87
9	4631	65	655	5351	1562	125	644	3162	3150	-534	-518	10314	2087	12401	2195	14596	49.94
10	4759	125	651	5535	1550	148	645	3246	3045	-602	-586	10337	2151	12488	2533	15021	49.93
11	4723	128	636	5487	1546	161	645	3377	3003	-688	-666	10176	1923	12099	2771	14870	50.08
12	4767	183	633	5583	1512	185	647	3481	3009	-722	-687	10249	1444	11693	2810	14503	50.01
13	4685	80	638	5403	1512	249	645	3392	3181	-722	-701	10289	1416	11705	2788	14493	49.92
14	4595	67	630	5292	1512	269	649	3257	3452	-675	-644	10530	1433	11963	2700	14663	49.94
15	4646	53	622	5321	1511	270	653	3246	3000	-675	-652	10103	1814	11917	2739	14656	49.90
16	4734	73	629	5436	1480	230	638	3255	3080	-670	-650	10214	1917	12131	2754	14885	49.81
17	4848	58	623	5529	1512	217	631	3347	3169	-670	-640	10418	1921	12339	2741	15080	49.90
18	4984	137	627	5748	1510	162	635	3469	3213	-670	-641	10659	2329	12988	2684	15672	49.78
19	4960	483	639	6082	1491	190	642	3364	3135	-670	-642	10951	3297	14248	2743	16991	49.85
20	4907	576	641	6124	1487	191	640	3430	2979	-726	-697	10744	3472	14216	2680	16896	50.02
21	4940	434	652	6026	1490	277	646	3406	3008	-702	-665	10802	2964	13766	2555	16321	50.03
22	4886	316	652	5854	1486	360	642	3359	2660	-655	-618	10394	2477	12871	2387	15258	50.15
23	4760	209	651	5620	1479	372	650	3321	2655	-627	-591	10212	0	10212	2249	12461	49.97
24	4645	186	652	5483	1481	375	647	3122	2507	-620	-582	9937	0	9937	2176	12113	49.94
MUs	112.16	3.80	14.89	130.85	35.76	5.06	15.38	76.47	71.28	-13.65	-12.47	246.13	38.88	285.01	55.74	340.75	49.93

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 29/Oct/2010

Position as on 6.30 Hrs of 30/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.	05/11/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	11/11/2010
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel refilling.	12/11/2010
Cent_Sect NTPC(V-5)	210	27/10/2010	00.08		Continued.	Boiler Re certification.	03/11/2010
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	30/11/2010
Chandrapur Unit 2	210	26/10/2010	03.38		Continued.	Control cable of boiler burnt.	31/10/2010
Parli Unit 4	210	26/10/2010	19.37		Continued.	Furnance Pressure High.	02/11/2010
Parli Unit 1	30	27/10/2010	03.40		Continued.	Furnance Pressure High.	
Koradi Unit 7	210	28/10/2010	13.32		Continued.	Furnace Pressure High./Suspected BTL	31/10/2010
Uran Unit 8	108	29/10/2010	02.02	29/10/2010	04.13	L V T/F Buchoze Operated.	
Koyna Unit 4	75	29/10/2010	07:08		Continued.	R M work.	30/10/2010
Cent_Sect NTPC(V-8)	500	29/10/2010	11:38	29/10/2010	15:25	Drum level low.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Oct/2010

Position as on 6.30 Hrs of 30/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari-I	29/10/2010	09:00	29/10/2010	19:18	Line maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	08/10/2010	17.55		Continued.	Normal Changeover.
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Dhule - S'Sarovar- II	26/10/2010	13.58		Continued.	Over Voltage.
Kolhapur - Mapusa - I	27/10/2010	22.55		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	28/10/2010	23.06		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Boisar (PGCIL)	21/10/2010	13.24		Continued.	Hand Tripped at padgha end (To Transfer Load to PGCIL)
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.(Expected on 30.10.2010)
STG IV-New Koyna-II	14/10/2010	10.00	29/10/2010	10:55	Bunching.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
400/220 KV 315 MVA ICT @ Chakan	29/10/2010	09:39	29/10/2010	16:59	Testing of fire fighting system.
400/220 KV 315 MVA ICT - II @ Koradi.	29/10/2010	09:52	29/10/2010	17:49	Q.M 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.(Expected on 30.10.2010)
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
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.
220/7 KV 35 MVA Station T/F - I @ Parly	21/10/2010	10.20		Continued.	Replacement of Aux.& Bus Side Isolator.
Main breaker of Chalisgaon-Malegaon Ckt.	27/10/2010	11.07		Continued.	Main breaker replacement(Ckt is on TBC)
220/132 KV 100 MVA ICT - II @ Nasik (OCR)	28/10/2010	13.45		Continued.	Tandelta H V & L V CT'S Testing.
Kalwa I-Taloja	29/10/2010	07:08	29/10/2010	12:43	Attending red hot on isolator clamp.
Padgha-Wada	29/10/2010	09:02	29/10/2010	17:30	Testing work.
Kharghar-Uran-I	29/10/2010	10:02		Continued.	Breaker problem, line on TBC.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Kalwa-Kharghar	29/10/2010	18:32	29/10/2010	21:11	For ICT III work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132 KV 150 MVA ICT- II @ Nasik	29/10/2010	10:37	29/10/2010	10:53	Attending red hot.
Nalasopara-Boisar PGCIL 220 KV	29/10/2010	15:03	29/10/2010	18:50	To attend red hot.
Aurangabad - Padegaon -	29/10/2010	16:46	29/10/2010	17:41	"Y" phase CT oil leakage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Oct/2010

Position as on 6.30 Hrs of 30/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
I.					
Parly - Girwali - IV	29/10/2010	20:14	29/10/2010	22:38	To attend 'B' Ph CT Metering core.
Voltage Level : 100KV			Outage Type FORCED OUTAGE		
Kalwa-Kalyan	29/10/2010	14:52	29/10/2010	18:01	To attend red hot.
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.
Karad - Kolhapur - II	14/10/2010	23.19		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	29/10/2010	23:37		Continued.	Over voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Tata Borivali 4	19/10/2010	16.41		Continued.	To control ICT Kalwa loading.
Bhugaon-Wardha	23/10/2010	22.30		Continued.	To control Wardha-Warora line loading.
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.
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchloz.
400/220 KV 600 MVA ICT-I @ Kalwa	19/10/2010	16.15		Continued.	Fire in 200 MVA ICT.
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.
Voltage Level : 132KV			Outage Type TRIPPED		
Amravati - Akola	29/10/2010	06:30	29/10/2010	06:54	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/Oct/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	145
Unit 6	210	145
Unit 7	210	0
	1040	500
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	150
	478	360
Parli		
Unit 1	30	0
Unit 2	30	20
Unit 3	210	170
Unit 4	210	0
Unit 5	210	140
Unit 6	250	160
Unit 7	250	110
	1190	600
Chandrapur		
Unit 1	210	130
Unit 2	210	0
Unit 3	210	170
Unit 4	210	170
Unit 5	500	300
Unit 6	500	300
Unit 7	500	325
	2340	1395
Paras		
Unit 2	55	20
Unit 3	250	200
Unit 4	250	200
	555	420
Khaparkheda		
Unit 1	210	205
Unit 2	210	200
Unit 3	210	195
Unit 4	210	170
	840	770
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	197
Unit 4	210	0
Unit 5	210	184
	870	561
Koyna		
Stage 1-2	600	530
Stage 4	1000	0
Stage 3	320	320
	1920	850
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	2
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	167
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	1560
	960	1560
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	3477
	3143	3477

	17376	7 of 7	13667
--	--------------	--------	--------------