



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Nov/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Nov/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	93.594	586.935	1) Gujrat	3.229	11.592
2) Hydro	16.253	72.765	2) Madhya Pradesh	24.363	147.185
3) Gas	15.304	85.025	3) Chattisgarh	15.460	91.920
Total MSGENCO	125.151	744.725	4) Maharashtra	52.738	340.451
B) OTHERS			5) Goa	-5.315	-37.735
1) JSW JAIGAD	28.932	173.274	6) TAPS 1&2 Injection	7.804	45.959
2) WPCL	6.241	37.484	7) RGPPL Injection	32.272	190.253
3) Other CPP / IPP	4.210	24.202	8) Pench (Excess)	-0.537	-2.609
4) Wind Generation	2.308	17.807	# Total Cent. Sector	130.014	787.016
5) PENCH (MS)	0.537	2.791	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.851	-67.533
1) TPCL Thermal	24.234	161.767	G) Bilateral Power *		
2) TPCL Hydro	0.245	20.931	1) MSEDCL Bilateral	38.842	239.278
TOTAL TPCL	24.479	182.698	Include PX	2.358	21.459
3) REL Thermal	12.586	75.478	2) MUMBAI Bilateral	10.633	77.902
D) STATE			Include PX	-1.502	4.025
1) Thermal (A1+C1+C3)	130.414	824.180	3) MUMBAI Schedule	10.633	77.902
2) Hydro (A2+B5+C2)	17.035	96.487	H) ENERGY CATERED (MUs)		
3) Gas (A3)	15.304	85.025	1) MSEDCL	287.542	1719.766
4) Wind (B4)	2.308	17.807	2) TPCL	30.762	215.123
5) CPP (B1+B2+B3)	39.383	234.960	3) REL	16.071	110.503
TOTAL STATE	204.444	1258.459	TOTAL STATE	334.375	2045.392

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3894	4203	3678
MSGENCO Hydro	1220	281	654
MSGENCO Gas	608	638	656
MSGENCO Total Generation	5722	5122	4988
Central Sector Receipt	5502	5795	5512
WIND	121	128	61
CPP / IPP	1632	1649	1646
Exchange with Mumbai	-406	-533	-309
MSEDCL DEMAND MET	12571	12211	11922
Load Shedding (LS)	1961	970	542
MSEDCL DEMAND (INCL. LS)	14532	13181	12464
TPCL GENERATION	1113	1176	827
REL GENERATION	527	520	525
TPCL+REL DEMAND	2046	2229	1661
STATE DEMAND MET	14617	14440	13583
Load Management (LM)	2718	4019	2036
Total Load Relief (LS+LM)	4679	4989	2578
UNRESTRICTED STATE DEMAND	19296	19429	16161
Frequency (Hz)	49.64	50.02	49.79

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.35 Hz at 19:02 Hrs	49.2 Hz at 00:09 Hrs	49.79	.08 % 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 06/Nov/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.47	21.10	154	119	150
Unit 6	3.23	21.97	151	106	145
Unit 7	0.00	0.00	0	0	0
Total	6.70	43.07			295
Bhusawal					
Unit 2	3.92	23.27	180	105	170
Unit 3	3.78	18.78	175	140	160
Unit 4	0.00	0.00	0	0	0
Total	7.70	42.06			330
Parli					
Unit 3	0.00	11.70	0	0	0
Unit 4	3.82	23.25	198	129	150
Unit 5	3.12	18.03	160	106	142
Unit 6	3.50	23.50	201	123	146
Unit 7	3.07	23.88	176	77	145
Total	13.51	100.35			583
Chandrapur					
Unit 1	3.93	23.00	169	155	160
Unit 2	0.00	9.78	0	0	0
Unit 3	4.02	25.00	184	144	160
Unit 4	4.92	29.30	210	190	210
Unit 5	8.36	53.26	425	265	270
Unit 6	8.26	54.40	415	260	300
Unit 7	7.19	10.37	400	240	250
Total	36.68	205.11			1350
Paras					
Unit 3	3.77	21.70	190	120	150
Unit 4	3.61	22.32	194	93	150
Total	7.37	44.02			300
Khaparkheda					
Unit 1	3.44	19.79	165	100	125
Unit 2	3.23	21.47	168	118	125
Unit 3	3.40	22.58	165	125	125
Unit 4	3.41	23.19	165	127	125
Unit 5	0.00	0.00	0	0	0
Total	13.48	87.03			500
Nasik					
Unit 3	4.38	20.74	210	150	190
Unit 4	0.00	21.12	0	0	0
Unit 5	3.77	23.46	174	142	160
Total	8.15	65.31			350
Uran					
All Units	15.30	85.02	659	601	630
Total	15.30	85.02			630
PENCH (MS)					
Pench (MS)	0.54	2.79	51	0	0
Total	0.54	2.79			0
Koyna					
Stage 1-2	4.56	24.06	490	40	600
Stage 4	6.83	23.64	565	0	250
Stage 3	2.79	10.48	236	0	320
Total	14.18	58.17			1170
Kovna 12&4 Total	11.40	47.70			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	0.17	0	0	60
TILLARI	0.38	2.48	60	0	60
BHTGR/VEER	0.16	0.86	7	6	7
BHIRA T.R.	0.22	1.41	77	0	80
RNGR+BHTSA	0.37	2.22	16	15	17
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.32	0.74	15	7	0
SMLHY PTN	0.62	3.35	35	22	11
GHATGHAR	0.00	3.36	0	0	0
Total	2.07	14.59			235
Wind					
MalharPeth	0.08	1.43			
Vankuswadi	0.20	2.33			
ATIT	0.02	0.34			
Kale	0.07	0.78			
Satara	0.44	2.30			
Shirala	0.09	0.84			
K Mahankal	0.02	1.94			
Supa	0.07	0.49			
Vita	0.50	3.13			
Dondaicha	0.43	1.09			
Sakri	0.06	0.44			
Nandurbar	0.00	0.46			
Khandke	0.22	1.31			
Khaparale	0.10	0.90			
Total	2.31	17.81			
CPP					
JSW JAIGAD	28.93	173.27	1218	1173	1100
WARDHA	6.24	37.48	262	257	260
Other CPPs	4.21	24.20			
Total	39.38	234.96			1360
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.62	64.84	490	305	490
Trombay 6	4.87	38.84	245	155	500
Trombay 7A	2.83	16.36	123	104	120
Trombay 7B	1.56	9.22	66	60	60
Trombay 8	4.35	32.51	185	179	180
TATA Hydro	0.24	20.93	76	0	447
Total	24.48	182.70			1797
REL					
1&2	12.59	75.48	527	520	500
Total	12.59	75.48			500
Cent Sect					
Share					5377
Total					5377

MS PG CL	Thermal	93.59	586.94			3708
	Thml+Gas	108.90	671.96			4338
	Hydro	16.25	72.76			1405
	Total	125.15	744.72			5743
State Total		204.44	1258.46			14777

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Nov/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	3664	924	648	5236	47	1647	4984	5451	-539	-561	11845	2702	12046	2025	16572	49.62
2	3704	1235	657	5596	48	1654	4910	5007	-464	-420	11910	2704	12287	1856	16470	49.75
3	3654	1172	659	5485	39	1623	4840	5183	-385	-377	11978	2513	12493	1755	16246	49.81
4	3627	788	656	5071	45	1654	4799	5437	-342	-317	11914	2611	12451	1679	16204	49.84
5	3678	654	656	4988	61	1645	4774	5512	-316	-309	11922	2578	12464	1661	16161	49.79
6	3721	857	659	5237	82	1653	4754	5369	-294	-274	12092	2944	12848	1687	16723	49.80
7	3779	1153	658	5590	127	1655	4864	5082	-294	-274	12203	3834	13743	1694	17731	49.70
8	3781	727	649	5157	148	1649	4864	4596	-294	-272	11301	4435	12946	1692	17428	49.63
9	3833	483	650	4966	134	1640	4884	4855	-316	-277	11328	4651	12950	1761	17740	49.68
10	3865	943	631	5439	116	1635	4989	5144	-357	-322	12012	4777	13908	1871	18660	49.66
11	3878	1085	621	5584	104	1636	5448	5525	-441	-378	12471	4690	14487	1977	19138	49.70
12	3894	1220	608	5722	121	1632	5489	5502	-484	-406	12571	4679	14532	2046	19296	49.64
13	3888	1286	608	5782	109	1617	5504	5214	-500	-428	12294	4861	14434	2055	19210	49.67
14	3968	1018	601	5587	97	1636	5494	5887	-489	-348	12859	4577	14810	1998	19434	49.86
15	3944	771	612	5327	77	1639	5452	5736	-452	-383	12396	4186	14144	2007	18589	49.79
16	4042	403	625	5070	84	1641	5390	6175	-441	-387	12583	4239	14441	2011	18833	49.83
17	4210	131	622	4963	67	1616	4967	5219	-410	-359	11506	4781	13519	1984	18271	49.96
18	4232	144	635	5011	131	1632	4951	5011	-394	-350	11468	4676	12945	1963	18107	49.75
19	4223	443	638	5304	157	1652	5205	5303	-521	-556	11910	5198	13165	2193	19301	49.93
20	4203	281	638	5122	128	1649	5385	5795	-570	-533	12211	4989	13181	2229	19429	50.02
21	4150	174	637	4961	112	1643	5385	6072	-570	-578	12257	4780	13033	2227	19264	49.88
22	4071	151	633	4855	107	1649	5385	5704	-570	-590	11775	4576	12364	2214	18565	49.81
23	3898	112	651	4661	82	1635	5279	5390	-595	-590	11229	4523	11767	2200	17952	50.03
24	3687	98	652	4437	85	1651	5141	5845	-595	-562	11507	3917	11867	2131	17555	49.88
MUs	93.59	16.25	15.30	125.15	2.31	39.38	123.14	130.01	-10.63	-9.85	287.54	98.42	316.82	46.92	432.88	49.79

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 06/Nov/2011

Position as on 6.30 Hrs of 07/Nov/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 7	210	08/10/2011	23.43		Continued.	Annual overhaul.	06/11/2011
Koyana ST - IV 4	250	03/11/2011	04.42		Continued.	Attending Oil Leakage through Spherical Valve	23/11/2011
Dabhol 2A	230	05/11/2011	15.48		Continued.	Overhauling work	15/11/2011
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	
Khaparkheda Unit 5	500	21/10/2011	00.40		Continued.	Furnace pressure low.	
CPP WPCL U-4	135	02/11/2011	04.40		Continued.	ID Fan Problem	06/11/2011
Cent_Sect KARPR1	220	04/11/2011	01.22	06/11/2011	22.51	To attend fuelling machine bridge ball nut problem.	
Parli Unit 3	210	04/11/2011	15.42		Continued.	Air heater problem.	08/11/2011
Chandrapur Unit 2	210	05/11/2011	11.02		Continued.	Boiler Tube Leakage	08/11/2011
Nasik Unit 4	210	05/11/2011	20.25		Continued.	Boiler Tube Leakage	08/11/2011
Koyana Unit 9	80	06/11/2011	07.07		Continued.	Maintenance work.	07/11/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2011

Position as on 6.30 Hrs of 07/Nov/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha - Talegaon (PG)	06/11/2011	09.16	06/11/2011	17.55	Insulator replacement work.
Chakan-Talegaon(PG)	06/11/2011	12.03	06/11/2011	17.52	Insulator replacement work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Boiser - Tarapur	30/10/2011	08.31		Continued.	60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur
Bhoisor - Bhoisor PGCIL-II	06/11/2011	08.12	06/11/2011	18.05	Tower erection work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parli-Parli (PGCIL) I	19/10/2011	21.40		Continued.	Over Voltage.
Parly(PG) - Wardha (PG) - I	02/11/2011	11.33		Continued.	To control Koradi-Bhilai Load
Parli (PG)-Bhadravati I	03/11/2011	22.23		Continued.	Over voltage.
Parli (PGCIL)-Bhadravati-II	05/11/2011	08.02		Continued.	Control Koradi-Bhilai load.
Dhule-Sar'Sarovar - I	06/11/2011	00.30	06/11/2011	10.56	Over Voltage.
Karad - Solapur (PGCIL)	06/11/2011	07.49	06/11/2011	10.03	Over Voltage.
Akola - Aurangabad - I	06/11/2011	14.11	06/11/2011	14.38	To control Bhilai-Koradi line loading.
Dhule-Sar'Sarovar - II	06/11/2011	16.36		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Satpur	06/11/2011	04.03	06/11/2011	05.23	Distance protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Line Reactor of 400KV Parli-Lnknd-I	02/11/2011	10.52		Continued.	Oil Leakage and Filtration work
Karad-New Koyna II	03/11/2011	11.28		Continued.	Taken on TBC to attend hot spot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT
Bhoisor - Borivali	30/10/2011	08.06		Continued.	60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur
Kharghar-Nerul	06/11/2011	05.38	06/11/2011	07.52	Attending hot spot.
Kandalgaon - ONGC	06/11/2011	09.03	06/11/2011	14.40	Removal of earth wire.
Kandalgaon - Topworth	06/11/2011	09.20	06/11/2011	15.10	Removal earth wire.
Bus-II at Sawangi	06/11/2011	15.55	06/11/2011	19.05	To attend problem of M.B.isolator of ICT-II.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali(T)-Borivali(M)-I	06/11/2011	06.22	06/11/2011	19.46	Stringing of conductor of 220KV BO-BO 5 at MSETCL bay.
Borivali(T)-Borivali(M)-II	06/11/2011	06.23	06/11/2011	19.47	Stringing of conductor of 220KV BO-BO 5 at MSETCL bay.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Borivali(M) 100KV Bus	06/11/2011	09.20	06/11/2011	15.20	R.M.Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,100 MVA	31/10/2011	02.36		Continued.	Buchholz Alarm received

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2011

Position as on 6.30 Hrs of 07/Nov/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Spare Unit at Korady					
Karad - Kolhapur - I	04/11/2011	16.55	06/11/2011	10.52	Over Voltage.
Karad - Kolhapur - I	06/11/2011	16.22		Continued.	Over Voltage.
Bhusawal- Aurangabad	06/11/2011	22.37		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	12/10/2011	19.56		Continued.	For System Stability.
Warora - Wani	06/11/2011	02.46	06/11/2011	03.14	H/T to control Warora-Wardha over loading.
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Ganeshkhanda-Chinchwad	03/11/2011	09.19		Continued.	Bunching work.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132KV 100MVA ICT-I at Bambhori	25/10/2011	19.06		Continued.	Tripped on R.E.F.
Hinganghat-Warora	06/11/2011	02.16	06/11/2011	03.15	Bus bar protection operated.
220/132KV.100MVA T/F at Hinganghat	06/11/2011	02.16	06/11/2011	03.22	Bus bar protection operated.
Hinganghat-Bhugaon	06/11/2011	02.16	06/11/2011	03.11	Bus bar protection operated.
Hinganghat-TSS-II	06/11/2011	02.16	06/11/2011	03.12	Bus bar protection operated.
Hinganghat-ISHT-I	06/11/2011	02.16	06/11/2011	03.26	Bus bar protection operated.
220/132KV,80 MVA T/F at Hinganghat	06/11/2011	02.16	06/11/2011	03.26	Bus bar protection operated.
Hinganghat-TSS-I	06/11/2011	02.16	06/11/2011	03.35	Bus bar protection operated.
Kanhan - Bhandara - II	06/11/2011	08.23	06/11/2011	09.31	Distance protection.
Karad - Ogalewadi - II	07/11/2011	04.30	07/11/2011	05.27	Tripped at Ogalewadi end .
Karad-Oglewadi-I	07/11/2011	04.30		Continued.	Distance protection.Declared faulty.
Voltage Level : 132KV			Outage Type TRIPPED		
Eldari - Jintur	19/10/2011	15.20		Continued.	B Phase Pole of C B Flashover.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Nov/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	125
Unit 6	210	150
Unit 7	210	0
	620	275
Bhusawal		
Unit 2	210	130
Unit 3	210	160
Unit 4	500	
	920	290
Parli		
Unit 3	210	0
Unit 4	210	160
Unit 5	210	125
Unit 6	250	160
Unit 7	250	180
	1130	625
Chandrapur		
Unit 1	210	165
Unit 2	210	0
Unit 3	210	180
Unit 4	210	210
Unit 5	500	325
Unit 6	500	325
Unit 7	500	325
	2340	1530
Paras		
Unit 3	250	120
Unit 4	250	100
	500	220
Khaparkheda		
Unit 1	210	125
Unit 2	210	125
Unit 3	210	125
Unit 4	210	125
Unit 5	500	
	1340	500
Nasik		
Unit 3	210	190
Unit 4	210	0
Unit 5	210	180
	630	370
Uran		
All Units	852	630
	852	630
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	0
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	17
BHANDARDRA	45	0
ELDARY	23	15
SMLHY PTN	12	11
GHATGHAR	250	0
	611	250
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	1100
WARDHA	405	260
Other CPPs	0	
	1005	1360
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	180
TATA Hydro	444	447
	2024	1797
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5479
	3455	5479