



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

State Load Dispatch Center, Airoli

Daily system Report

for

19/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 19/Nov/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	96.053	2032.581	1) Madhya Pradesh	68.590	1145.458
2) Hydro	2.979	275.418	2) Gujrat	2.152	231.652
3) Gas	15.644	268.602	3) Goa	-6.460	-116.680
Total MSGENCO	114.676	2576.601	4) TAPS 1&2 (Inj.)	7.312	137.939
B) OTHERS			5) Pench (Excess)	0.000	0.028
1) RGPPL Gas	22.132	418.753	# Total Cent. Sector	71.594	1398.397
2) Wind Generation	2.356	104.697	F) Other Exchanges		
3) PENCH (MS)	0.000	10.480	1) With TPCL	-3.824	-113.983
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.692	579.853	1) MSEDCL Bilateral	3.720	64.395
2) TPCL Hydro	4.025	79.763	Include PX	0.000	7.152
TOTAL TPCL	33.717	659.616	2) MUMBAI Bilateral	4.835	125.507
3) REL Thermal	12.742	137.983	Include PX	0.000	19.496
D) STATE			3) MUMBAI Schedule	4.835	130.617
1) Thermal (A1+C1+C3)	138.487	2750.417	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.004	365.661	1) MSEDCL	206.934	4394.945
3) Gas (A3+B1)	37.776	687.355	2) TPCL	33.246	605.709
4) Wind (B2)	2.356	104.697	3) REL	17.036	305.821
TOTAL STATE	185.623	3908.130	TOTAL STATE	257.216	5306.475

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	4105	4223	3599
MSGENCO Hydro	202	361	72
MSGENCO Gas	680	668	663
MSGENCO Total Generation	4987	5252	4334
Central Sector Receipt	2704	3994	2722
RGPPL	923	922	922
WIND	107	68	111
Exchange with TPCL	-240	-317	-21
MSEDCL DEMAND MET	8481	9919	8068
Load Shedding	1632	2309	623
MSEDCL DEMAND (INCL. LS)	10113	12228	8691
TPCL GENERATION	1764	1670	822
REL GENERATION	531	529	531
TPCL+REL DEMAND	2535	2516	1374
STATE DEMAND MET	11016	12435	9442
STATE DEMAND (INCL. LS)	12648	14744	10065
Frequency (Hz)	49.96	49.96	50.07
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3267 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			39.33 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.46 Hz at 12.59 Hrs	49.35 Hz at 20.30 Hrs	50	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 19/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.32	34.78	75	22	40
Unit 2	0.64	9.67	69	0	0
Unit 3	1.08	23.78	73	17	40
Unit 4	1.11	29.26	77	17	30
Unit 5	3.28	52.31	148	125	130
Unit 6	2.93	61.49	148	83	130
Unit 7	2.99	64.31	158	96	120
	13.35	275.60			490
Bhusawal					
Unit 1	1.08	13.79	54	36	45
Unit 2	3.30	75.12	165	100	160
Unit 3	4.08	69.42	190	150	190
	8.47	158.33			395
Parli					
Unit 1	0.55	10.67	24	21	20
Unit 2	0.54	9.36	24	21	20
Unit 3	3.71	63.63	175	115	150
Unit 4	4.32	83.97	203	158	160
Unit 5	4.01	76.10	178	152	150
Unit 6	0.00	0.00	0	0	0
	13.12	243.73			500
Chandrapur					
Unit 1	3.60	71.81	155	141	160
Unit 2	3.85	61.42	174	142	150
Unit 3	0.00	61.15	0	0	0
Unit 4	4.10	73.25	204	139	175
Unit 5	0.00	130.06	0	0	0
Unit 6	9.42	170.82	430	335	400
Unit 7	9.77	167.93	455	359	450
	30.75	736.44			1335
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.80	93.13	221	188	220
	4.80	93.13			220
Khaparkheda					
Unit 1	4.36	65.00	188	172	165
Unit 2	0.00	64.69	0	0	0
Unit 3	1.74	2.32	94	0	80
Unit 4	4.94	86.81	214	180	175
	11.05	218.83			420
Nasik					
Unit 1		35.63	0	0	0
Unit 2	2.06	33.36	90	72	71
Unit 3	4.30	85.22	202	166	162
Unit 4	4.23	74.66	191	161	162
Unit 5	3.92	77.64	168	159	142
	14.51	306.52			537
Uran					
All Units	15.64	268.60	683	489	650
	15.64	268.60			650
Koyna					
Stage 1-2	1.01	38.58	65	30	600
Stage 4	0.00	148.86	0	0	250
Koyna 12&4 Total	1.01	187.44			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.26	38.99	172	0	320
	1.27	226.43			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.37	8.68	60	0	60
BHTGR/VEER	0.60	15.06	28	24	34
BHIRA T.R.	0.19	4.92	81	0	80
RNGR+BHTSA	0.29	6.05	16	1	15
BHANDARDRA	0.00	4.35	0	0	32
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.01	10	0	10
GHATGHAR	0.21	5.29	120	0	0
	1.71	48.99			231
PENCH (MS)					
Pench (MS)	0.00	10.48	0	0	
	0.00	10.48			
Wind					
MalharPeth	0.11	7.66			
Vankuswadi	0.37	16.88			
ATIT	0.06	4.26			
Kale	0.09	7.02			
Satara	0.18	7.01			
Shirala	0.11	5.89			
K Mahankal	0.01	4.92			
Supa	0.07	1.88			
Vita	0.57	18.90			
Dondaicha	0.36	13.51			
Sakri	0.06	1.83			
Nandurbar	0.00	1.22			
Khadakale	0.23	7.51			
Khaparale	0.13	6.20			
	2.36	104.70			
Dabhol					
RGPP L II	22.13	418.75	923	922	905
RGPP L III	0.00	0.00	0	0	
	22.13	418.75			905
Tata					
Trombay 4	0.00	15.37	0	0	0
Trombay 5	10.02	183.99	450	225	500
Trombay 6	9.05	186.40	510	150	500
Trombay 7A	2.95	53.87	126	121	120
Trombay 7B	1.64	30.27	69	68	60
Trombay 8	6.04	109.96	253	250	250
TATA Hydro	4.02	79.76	426	0	447
	33.72	659.62			1877
REL					
1&2	12.74	137.98	533	526	500
	12.74	137.98			500
Cent Sect					
Share					3026
					3026

MS PG CL	Thermal	96.05	2032.58			3897
	Thml+Gas	111.70	2301.18			4547
	Hydro	2.98	275.42			1401
	Total	114.68	2576.60			5948
State Total		185.62	3908.13			12256

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Nov/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	3890	67	661	4618	922	110	2435	2710	-56	-20	8340	795	9135	1644	10779	50.15
2	3867	67	662	4596	922	125	2434	2674	-56	-20	8297	803	9100	1566	10666	50.26
3	3793	67	664	4524	922	122	2435	2507	-56	-20	8055	670	8725	1448	10173	50.29
4	3599	72	663	4334	922	111	2453	2722	-56	-21	8068	623	8691	1374	10065	50.07
5	3646	67	662	4375	922	107	2456	2866	-56	-19	8251	606	8857	1394	10251	49.97
6	3744	80	662	4486	922	124	2451	3294	-56	-19	8807	1040	9847	1487	11334	49.89
7	3973	102	663	4738	922	143	2431	2695	-56	-19	8479	1718	10197	1634	11831	49.88
8	4007	82	662	4751	922	146	2628	2536	26	63	8418	1628	10046	1729	11775	49.91
9	4100	98	683	4881	923	147	2628	2482	26	60	8493	1706	10199	1966	12165	49.82
10	4073	157	680	4910	923	128	2864	2655	-230	-194	8422	1680	10102	2331	12433	49.87
11	4105	202	680	4987	923	107	2850	2704	-275	-240	8481	1632	10113	2535	12648	49.96
12	4126	178	659	4963	923	101	2850	2513	-275	-224	8276	1627	9903	2575	12478	50.12
13	4087	79	651	4817	922	75	2878	2848	-275	-227	8435	1251	9686	2528	12214	50.04
14	4089	69	654	4812	922	55	2878	2744	-275	-225	8308	1141	9449	2478	11927	50.15
15	4118	79	658	4855	922	35	2878	2711	-275	-226	8297	1372	9669	2532	12201	50.00
16	4087	74	652	4813	922	36	2878	2920	-275	-228	8463	1274	9737	2547	12284	49.99
17	4112	74	657	4843	922	36	2878	2997	-275	-227	8571	1378	9949	2516	12465	49.93
18	4049	87	651	4787	922	48	2864	3057	-275	-230	8584	1686	10270	2493	12763	49.85
19	4098	466	666	5230	922	63	3013	3639	-275	-235	9619	2190	11809	2588	14397	49.88
20	4223	361	668	5252	922	68	2876	3994	-358	-317	9919	2309	12228	2516	14744	49.96
21	4192	204	663	5059	922	102	2905	3740	-358	-309	9514	2048	11562	2345	13907	49.83
22	4110	84	655	4849	922	101	2817	3806	-358	-307	9371	2052	11423	2179	13602	50.03
23	4056	84	579	4719	922	111	2797	3594	-358	-305	9041	1739	10780	2018	12798	49.90
24	3902	79	489	4470	922	158	2800	3203	-358	-315	8438	1359	9797	1860	11657	50.26
MUs	96.05	2.98	15.64	114.67	22.13	2.36	65.38	71.61	-4.83	-3.82	206.95	34.33	241.27	50.28	291.56	50.00

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 19/Nov/2009

Position as on 6.30 Hrs of 20/Nov/2009

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)	31/03/2010
Paras Unit 2	55	11/10/2009	13:29		Continued.	AOH.	25/11/2009
Parli Unit 6	250	31/10/2009	13.01		Continued.	Hydrogen Leakage.	21/11/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	30/11/2009
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	07/01/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 2	105	06/11/2009	21.23	19/11/2009	11.20	E.S.P. work	
Cent_Sect NTPC(V-6)	210	15/11/2009	01.20		Continued.	Boiler Inspection work	21/11/2009
Chandrapur Unit 5	500	17/11/2009	01:08	20/11/2009	00.46	B.T.L.	
Chandrapur Unit 3	210	18/11/2009	21.16		Continued.	Furnace Pressure High.	21/11/2009
Khaparkheda Unit 2	210	18/11/2009	21.37		Continued.	Boiler Tube Leakage.	21/11/2009
Nasik Unit 1	125	18/11/2009	21.57	20/11/2009	05.05	Leakage of Balley Valve.	
Tata Trombay 4	150	18/11/2009	22.42		Continued.	W/Dn.	
Khaparkheda Unit 3	210	19/11/2009	22.43	20/11/2009	02.48	Flame Failure	
Uran Unit 6	108	19/11/2009	22.47	19/11/2009	23.24	Bearing vibration	
Chandrapur Unit 5	500	20/11/2009	00.48	20/11/2009	03.03	Drum Level High	
Koradi Unit 5	200	20/11/2009	04.38		Continued.	Furnance pressue heigh.	21/11/2009
Koradi Unit 4	115	20/11/2009	06.20		Continued.	CHP Problem.	22/11/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Nov/2009

Position as on 6.30 Hrs of 20/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
TILLARY-PHONDA	12/11/2009	09.50		Continued.	PLCC work at Amona Stn.(4 days)
Nasik-Navsari -II	19/11/2009	08.12	19/11/2009	13.35	Tan delta measurement.
Nasik-Navsari-I	19/11/2009	13.50	19/11/2009	18.32	Tan delta measurement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Chandrapur-Bhadravti - I	05/11/2009	10.07		Continued.	H/T To control C'pur-Parli line loading.
Dhule-Sar'Sarovar II	09/11/2009	10:48		Continued.	H/T for O/V.
Wardha - Akola - I	11/11/2009	02.40		Continued.	H/T for O/V.
Seoni - Wardha	11/11/2009	02.41		Continued.	H/T for O/V.
Kolhapur-Mapusa Ckt I	18/11/2009	22.42	19/11/2009	09.15	H/T For O/V.
Kolhapur-Mapusa-II	19/11/2009	22.55		Continued.	H/T for O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32		Continued.	Over hauling work.
400/220 KV 315 MVA ICT at Akola	19/11/2009	08.13		Continued.	Replacement of Air cell.
400/220KV 500MVA ICT @ JEJURI	19/11/2009	09.38	19/11/2009	18.18	Tan delta measurement works.
Karad-Lonikand.	19/11/2009	11.30	19/11/2009	17.18	Commissioning of shunt reactor.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Main Bus II at Versova	19/11/2009	06.44	19/11/2009	22.17	Jumpering work.
Karad - Vita - I	19/11/2009	07.59	19/11/2009	17.44	Insulator replacement works.
Nasik-Bablsr Ckt I	19/11/2009	08.53	19/11/2009	17.57	CT and PT replacement works.
Bhigwan-Kalyani	19/11/2009	09.16	19/11/2009	18.50	Charging of 220KV bus at Baramati S/S.
Apta-Bombay Dyeing	19/11/2009	10.10	19/11/2009	18.15	Replacement of jumper of B and Y Ph.CT.
Talandgade-Ichalkaranj -II	19/11/2009	10.14		Continued.	Retrofitting work.
Lonikand-Khadki	19/11/2009	10.50	19/11/2009	15.26	Q.M.works.
CHINCHWAD-PARVATI	19/11/2009	22.15	20/11/2009	06.18	Retrofitting of distance relay.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/22KV,25 MVA T/F at Urse.	19/11/2009	12.47	19/11/2009	16.10	To attend oil leakage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
C'pur-Parli II	04/11/2009	18.20		Continued.	Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.
Parli-Lonikand - II	16/11/2009	09:02		Continued.	H/T for controlling line loading of Chandrapur-Parali Lines
Karad-Kolhapur CKT II	19/11/2009	01.53	19/11/2009	07.37	H/T For O/V.
Kolhapur-Karad -I	19/11/2009	23.50		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Nov/2009

Position as on 6.30 Hrs of 20/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Wardha-Badnera	10/11/2009	15.09	19/11/2009	08.07	H/T to control load on ICT at 400KV Akola.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	06/11/2009	11:35		Continued.	To Control Chikhali line loading.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	40
Unit 3	105	30
Unit 4	105	30
Unit 5	200	0
Unit 6	210	100
Unit 7	210	120
	1040	370
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	190
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	175
Unit 4	210	160
Unit 5	210	170
Unit 6	250	0
	940	545
Chandrapur		
Unit 1	210	160
Unit 2	210	170
Unit 3	210	0
Unit 4	210	180
Unit 5	500	400
Unit 6	500	450
Unit 7	500	400
	2340	1760
Paras		
Unit 2	55	0
Unit 3	250	184
	305	184
Khaparkheda		
Unit 1	210	180
Unit 2	210	0
Unit 3	210	160
Unit 4	210	210
	840	550
Nasik		
Unit 1	120	80
Unit 2	120	80
Unit 3	210	180
Unit 4	210	180
Unit 5	210	160
	870	680
Uran		
All Units	852	650
	852	650
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	34
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	231
PENCH (MS)		
Pench (MS)	53	
	53	
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	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPL II	960	900
RGPL III	740	
	1700	900
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	3026
	3143	3026