



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Nov/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	102.419	1936.528	1) Madhya Pradesh	64.860	1076.868
2) Hydro	3.213	272.439	2) Gujrat	2.879	229.500
3) Gas	14.799	252.958	3) Goa	-5.720	-110.220
Total MSGENCO	120.431	2461.925	4) TAPS 1&2 (Inj.)	7.315	130.627
B) OTHERS			5) Pench (Excess)	0.000	0.028
1) RGPPL Gas	22.268	396.621	# Total Cent. Sector	69.334	1326.803
2) Wind Generation	1.283	102.341	F) Other Exchanges		
3) PENCH (MS)	0.000	10.480	1) With TPCL	-3.974	-110.159
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	32.671	550.161	1) MSEDCL Bilateral	3.720	60.675
2) TPCL Hydro	3.131	75.738	Include PX	0.000	7.152
TOTAL TPCL	35.802	625.899	2) MUMBAI Bilateral	4.943	120.672
3) REL Thermal	10.051	125.241	Include PX	0.000	19.496
D) STATE			3) MUMBAI Schedule	4.943	125.782
1) Thermal (A1+C1+C3)	145.141	2611.930	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	6.344	358.657	1) MSEDCL	209.342	4188.011
3) Gas (A3+B1)	37.067	649.579	2) TPCL	33.036	572.463
4) Wind (B2)	1.283	102.341	3) REL	16.790	288.785
TOTAL STATE	189.835	3722.507	TOTAL STATE	259.168	5049.259

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	4361	4296	4185
MSGENCO Hydro	263	335	82
MSGENCO Gas	660	660	503
MSGENCO Total Generation	5284	5291	4770
Central Sector Receipt	2663	4163	2288
RGPPL	927	927	927
WIND	32	64	61
Exchange with TPCL	-251	-320	-17
MSEDCL DEMAND MET	8655	10125	8029
Load Shedding	1562	2029	0
MSEDCL DEMAND (INCL. LS)	10217	12154	8029
TPCL GENERATION	1944	1627	1083
REL GENERATION	393	525	297
TPCL+REL DEMAND	2588	2472	1397
STATE DEMAND MET	11243	12597	9426
STATE DEMAND (INCL. LS)	12805	14626	9426
Frequency (Hz)	50.00	49.74	50.32
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3273 MW AT 22.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			35.66 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.52 Hz at 03.34 Hrs	49.35 Hz at 17.42 Hrs	49.98	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 18/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.45	33.46	80	42	70
Unit 2	0.00	9.03	0	0	0
Unit 3	1.35	22.70	75	41	50
Unit 4	1.31	28.16	80	3	70
Unit 5	3.13	49.03	160	112	130
Unit 6	2.76	58.56	142	94	100
Unit 7	2.90	61.32	142	94	150
	12.90	262.25			570
Bhusawal					
Unit 1	1.08	12.71	56	27	45
Unit 2	3.27	71.82	155	112	140
Unit 3	3.94	65.33	188	133	190
	8.28	149.86			375
Parli					
Unit 1	0.55	10.13	24	21	20
Unit 2	0.54	8.81	24	21	20
Unit 3	3.81	59.92	178	115	140
Unit 4	4.71	79.65	204	188	195
Unit 5	4.07	72.09	178	152	160
Unit 6	0.00	0.00	0	0	0
	13.69	230.60			535
Chandrapur					
Unit 1	3.54	68.21	156	141	160
Unit 2	3.45	57.57	156	130	170
Unit 3	2.60	61.15	138	0	200
Unit 4	2.97	69.15	145	100	200
Unit 5	0.00	130.06	0	0	0
Unit 6	9.56	161.40	450	360	400
Unit 7	10.23	158.16	469	359	425
	32.35	705.69			1555
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.16	88.32	232	203	220
	5.16	88.32			220
Khaparkheda					
Unit 1	4.34	60.64	190	171	150
Unit 2	3.77	64.69	192	0	195
Unit 3	0.58	0.58	70	0	0
Unit 4	4.52	81.87	216	161	175
	13.22	207.78			520
Nasik					
Unit 1	1.87	35.63	94	0	90
Unit 2	2.11	31.30	92	84	90
Unit 3	4.56	80.92	198	180	190
Unit 4	4.37	70.43	193	158	180
Unit 5	3.91	73.73	168	158	180
	16.82	292.01			730
Uran					
All Units	14.80	252.96	679	499	500
	14.80	252.96			500
Koyna					
Stage 1-2	1.01	37.57	80	25	600
Stage 4	0.19	148.86	192	0	250
Koyna 12&4 Total	1.20	186.43			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.12	38.73	80	0	320
	1.33	225.16			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.40	8.31	58	0	60
BHTGR/VEER	0.82	14.46	34	34	23
BHIRA T.R.	0.25	4.73	81	0	80
RNGR+BHTSA	0.30	5.76	16	2	16
BHANDARDRA	0.05	4.35	34	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.96	10	0	10
GHATGHAR	0.00	5.09	0	0	0
	1.89	47.28			189
PENCH (MS)					
Pench (MS)	0.00	10.48	0	0	
	0.00	10.48			
Wind					
MalharPeth	0.08	7.55			
Vankuswadi	0.18	16.52			
ATIT	0.02	4.20			
Kale	0.02	6.92			
Satara	0.07	6.83			
Shirala	0.03	5.78			
K Mahankal	0.05	4.91			
Supa	0.06	1.81			
Vita	0.32	18.33			
Dondaicha	0.16	13.16			
Sakri	0.01	1.77			
Nandurbar	0.02	1.22			
Khadakale	0.23	7.28			
Khaparale	0.03	6.08			
	1.28	102.34			
Dabhol					
RGPP L II	22.27	396.62	930	927	920
RGPP L III	0.00	0.00	0	0	
	22.27	396.62			920
Tata					
Trombay 4	2.42	15.37	121	0	140
Trombay 5	10.49	173.97	450	320	500
Trombay 6	9.15	177.34	510	150	500
Trombay 7A	2.95	50.92	125	121	110
Trombay 7B	1.63	28.64	69	67	50
Trombay 8	6.03	103.92	254	250	250
TATA Hydro	3.13	75.74	423	0	447
	35.80	625.90			1997
REL					
1&2	10.05	125.24	531	266	400
	10.05	125.24			400
Cent Sect					
Share					3218
					3218

MS PG CL	Thermal	102.42	1936.53		4505
	Thml+Gas	117.22	2189.49		5005
	Hydro	3.21	272.44		1359
	Total	120.43	2461.92		6364
State Total		189.84	3722.51		12899

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4188	82	499	4769	928	56	2423	2732	-40	-37	8448	866	9314	1615	10929	50.21
2	4208	82	500	4790	930	63	2440	2594	-40	-16	8361	857	9218	1474	10692	50.18
3	4216	82	501	4799	928	59	2442	2491	-40	-20	8257	592	8849	1414	10263	50.23
4	4185	82	503	4770	927	61	2444	2288	-40	-17	8029	0	8029	1397	9426	50.32
5	4174	82	499	4755	928	57	2440	2534	-40	-23	8251	226	8477	1395	9872	49.94
6	4215	82	514	4811	927	42	2438	2849	-40	-23	8606	829	9435	1446	10881	49.64
7	4278	84	603	4965	928	50	2438	2250	-40	-19	8174	1980	10154	1660	11814	49.89
8	4324	80	679	5083	928	47	2635	2201	43	58	8317	1688	10005	1732	11737	50.02
9	4339	102	669	5110	930	50	2634	2224	43	53	8367	1950	10317	1955	12272	49.80
10	4354	163	668	5185	929	57	2919	2503	-245	-212	8462	1788	10250	2316	12566	49.97
11	4376	220	664	5260	928	48	2984	2590	-290	-253	8573	1496	10069	2485	12554	50.00
12	4361	263	660	5284	927	32	2983	2663	-290	-251	8655	1562	10217	2588	12805	50.00
13	4348	110	652	5110	928	28	2916	2570	-292	-237	8399	1399	9798	2542	12340	50.03
14	4394	72	650	5116	928	27	2918	2652	-292	-238	8485	1270	9755	2455	12210	50.14
15	4413	97	642	5152	927	29	2876	2718	-292	-237	8589	1228	9817	2488	12305	49.92
16	4432	97	644	5173	927	28	2875	2548	-292	-237	8439	1209	9648	2497	12145	49.86
17	4375	87	648	5110	928	29	2731	2766	-292	-238	8595	1381	9976	2481	12457	49.87
18	4379	94	650	5123	928	38	2787	2959	-292	-238	8810	1700	10510	2444	12954	49.84
19	4432	460	656	5548	927	48	2935	3675	-292	-240	9958	2091	12049	2539	14588	49.85
20	4296	335	660	5291	927	64	2814	4163	-375	-320	10125	2029	12154	2472	14626	49.74
21	4268	213	661	5142	928	71	2814	4132	-375	-312	9961	1795	11756	2349	14105	49.93
22	4037	92	658	4787	927	114	2781	4232	-375	-313	9747	1817	11564	2203	13767	50.04
23	3908	76	659	4643	928	90	2772	3797	-375	-308	9150	1598	10748	2001	12749	49.97
24	3931	76	660	4667	927	95	2770	3203	-375	-296	8596	1225	9821	1879	11700	50.24
MUs	102.43	3.21	14.80	120.44	22.27	1.28	65.21	69.33	-4.94	-3.97	209.35	32.58	241.93	49.83	291.76	49.98

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 18/Nov/2009

Position as on 6.30 Hrs of 19/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
Khaparkheda Unit 3	210	23/10/2009	23.59	18/11/2009	14.27	Annual Overhaul	
Parli Unit 6	250	31/10/2009	13.01		Continued.	Hydrogen Leakage.	21/11/2009
REL 2	250	02/11/2009	03.06	18/11/2009	03.25	Annual Overhaul	
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
Uran Unit 7	108	17/11/2009	15.57	18/11/2009	05.17	R-Ph LA Burst.	
Cent_Sect NTPC(V) 9	500	18/11/2009	15.27	18/11/2009	17.00	PA Fan Problem.	
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
Tata Trombay 4	150	18/11/2009	22.42		Continued.	W/Dn.	
Uran Unit 6	108	19/11/2009	22.47	19/11/2009	23.24	Bearing vibration	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Nov/2009

Position as on 6.30 Hrs of 19/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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 : 220KV			Outage Type FORCED OUTAGE		
Kolhapur-Phonda Ckt. I	18/11/2009	10.45	18/11/2009	14.02	Emergency Outage.
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-II	17/11/2009	22.52	18/11/2009	10.03	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
Chinchwad-Parvati	17/11/2009	23.32	18/11/2009	04.30	Retrofitting work of ABB Relay.
KALWA-GHATGHAR	18/11/2009	08.12	18/11/2009	20.05	Insulator Replacement.
Karad-Vita-II	18/11/2009	08.13	18/11/2009	16.53	Insulator Replacement.
220/132 KV 200 MVA ICT at Amravati	18/11/2009	09.36	18/11/2009	16.55	Repl. Of Relay.
220/33KV,50MVA T/F -I at Yavatmal	18/11/2009	10.00	18/11/2009	17.00	Raplacement Of Relay.
220/132 kv,100 MVA ICT at Kawlewada	18/11/2009	10.45	18/11/2009	14.40	R.M.Work
220/132 kv,80 MVA ICT at Hinganghat	18/11/2009	11.00	18/11/2009	15.27	Conductor Replacement Of Bus Bar.
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.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Nov/2009

Position as on 6.30 Hrs of 19/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of 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 I	18/11/2009	00.28	18/11/2009	09.52	H/T For O/V.
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		
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.
Voltage Level : 132KV			Outage Type TRIPPED		
132/33KV 25MVA T/F at Hinganghat.	09/11/2009	10:38	18/11/2009	19.45	New T/F Commissioning Kept on humming.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	40
Unit 2	105	0
Unit 3	105	40
Unit 4	105	30
Unit 5	200	130
Unit 6	210	130
Unit 7	210	120
	1040	490
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	150
Unit 4	210	160
Unit 5	210	150
Unit 6	250	0
	940	500
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	0
Unit 4	210	175
Unit 5	500	0
Unit 6	500	400
Unit 7	500	450
	2340	1335
Paras		
Unit 2	55	0
Unit 3	250	220
	305	220
Khaparkheda		
Unit 1	210	165
Unit 2	210	0
Unit 3	210	80
Unit 4	210	175
	840	420
Nasik		
Unit 1	120	0
Unit 2	120	71
Unit 3	210	162
Unit 4	210	162
Unit 5	210	142
	870	537
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	905
RGPL III	740	
	1700	905
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