



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

State Load Dispatch Center, Airoli

Daily system Report

for

19/Jul/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	92.390	1912.006	1) Madhya Pradesh	43.860	862.440
2) Hydro	6.414	104.051	2) Gujrat	12.637	338.508
3) Gas	14.541	240.023	3) Goa	-5.982	-103.034
Total MSGENCO	113.345	2256.080	4) TAPS 1&2 (Inj.)	3.621	69.275
B) OTHERS			5) Pench (Excess)	-0.310	-2.847
1) RGPPL Gas	22.280	419.802	# Total Cent. Sector	53.826	1164.342
2) Wind Generation	21.195	275.157	F) Other Exchanges		
3) PENCH (MS)	0.310	2.847	1) With TPCL	-0.268	-84.371
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.766	528.133	1) MSEDCL Bilateral	0.615	47.426
2) TPCL Hydro	2.038	56.134	Include PX	0.000	1.086
TOTAL TPCL	27.804	584.267	2) MUMBAI Bilateral	1.230	77.941
3) REL Thermal	12.637	225.603	Include PX	0.000	30.090
D) STATE			3) MUMBAI Schedule	1.230	87.371
1) Thermal (A1+C1+C3)	130.793	2665.742	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.762	163.032	1) MSEDCL	210.688	4036.704
3) Gas (A3+B1)	36.821	659.825	2) TPCL	26.381	591.278
4) Wind (B2)	21.195	275.157	3) REL	14.325	302.966
TOTAL STATE	197.571	3763.756	TOTAL STATE	251.394	4930.948

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3776	3846	3944
MSGENCO Hydro	234	1069	74
MSGENCO Gas	611	604	609
MSGENCO Total Generation	4621	5519	4627
Central Sector Receipt	2128	2386	1833
RGPPL	926	930	930
WIND	1053	807	718
Exchange with TPCL	-18	-74	47
MSEDCL DEMAND MET	8710	9571	8180
Load Shedding	1369	1378	60
MSEDCL DEMAND (INCL. LS)	10079	10949	8240
TPCL GENERATION	1326	1396	901
REL GENERATION	529	526	522
TPCL+REL DEMAND	1873	1996	1376
STATE DEMAND MET	10583	11567	9556
STATE DEMAND (INCL. LS)	11952	12945	9616
Frequency (Hz)	49.47	49.32	49.41
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1706 MW at 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			17.63 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.21 Hz at 16.13 Hrs	48.79 Hz at 00.06 Hrs	49.47	3.55 % of Time

* 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 19/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.37	21.03	80	21	70
Unit 2	1.65	9.48	75	52	70
Unit 3	1.65	18.70	76	50	70
Unit 4	0.00	0.00	0	0	0
Unit 5	2.41	48.00	136	65	120
Unit 6	2.44	61.85	129	72	120
Unit 7	2.32	46.42	132	40	130
	11.84	205.48			580
Bhusawal					
Unit 1	0.59	18.17	37	8	35
Unit 2	2.95	62.31	158	102	140
Unit 3	2.88	69.20	135	105	150
	6.42	149.68			325
Parli					
Unit 1	0.50	9.24	22	19	20
Unit 2	0.60	10.81	26	24	20
Unit 3	0.00	32.00	0	0	0
Unit 4	3.77	67.45	160	152	150
Unit 5	4.13	74.14	178	163	160
Unit 6	0.00	0.00	0	0	0
	9.00	193.63			350
Chandrapur					
Unit 1	3.37	70.05	153	126	150
Unit 2	3.38	67.89	147	132	145
Unit 3	3.74	76.15	187	130	180
Unit 4	4.08	74.53	194	132	170
Unit 5	9.22	177.86	417	308	425
Unit 6	9.50	151.59	435	338	400
Unit 7	0.00	141.54	0	0	0
	33.30	759.61			1470
Paras					
Unit 2	0.90	16.96	43	32	40
Unit 3	2.43	82.35	190	0	160
	3.33	99.31			200
Khaparkheda					
Unit 1	3.94	77.66	174	143	160
Unit 2	4.02	73.33	185	157	160
Unit 3	3.95	78.74	167	161	160
Unit 4	4.03	78.97	180	160	160
	15.94	308.70			640
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	0.00	18.38	2	0	0
Unit 3	4.18	14.97	190	159	170
Unit 4	4.27	80.92	184	171	170
Unit 5	4.10	73.15	176	160	160
	12.56	195.59			500
Uran					
All Units	14.54	240.02	618	580	600
	14.54	240.02			600
Koyna					
Stage 1-2	1.70	27.15	220	35	600
Stage 4	2.04	21.97	677	0	250
Kovna 12&4 Total	3.75	49.12			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.84	22.71	168	0	320
	4.59	71.83			1170
Hydro					
KDPH	0.00	1.21	0	0	
VTRNA	0.14	4.20	61	0	
TILLARI	0.74	11.59	60	0	
BHTGR/VEER	0.14	0.28	6	5	
BHIRA T.R.	0.34	5.46	65	0	
RNGR+BHTSA	0.02	3.59	3	0	
BHANDARDRA	0.44	1.60	26	0	
ELDARY	0.00	0.00	0	0	
PAITHAN	0.00	0.00	0	0	
GHATGHAR	0.00	4.28	0	0	
	1.82	32.22			
PENCH (MS)					
Pench (MS)	0.31	2.85	25	0	
	0.31	2.85			
Wind					
MalharPeth	1.03	14.57			
Vankuswadi	2.22	31.58			
ATIT	0.50	7.00			
Kale	0.24	5.54			
Satara	2.00	19.72			
Shirala	0.80	11.98			
K Mahankal	0.11	7.36			
Supa	0.52	5.70			
Vita	3.72	67.81			
Dondaicha	6.37	62.20			
Sakri	0.96	9.63			
Nandurbar	0.57	6.88			
Khadakale	1.15	15.13			
Khaparale	0.99	10.06			
	21.20	275.16			
Dabhol					
RGPP L II	22.28	419.80	931	922	890
RGPP L III	0.00	0.00	0	0	
	22.28	419.80			890
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	10.88	204.80	470	360	450
Trombay 6	8.21	191.72	510	150	500
Trombay 7A	2.46	53.15	116	100	120
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	4.21	72.30	200	147	175
TATA Hydro	2.04	56.13	157	37	447
	27.80	584.27			1692
REL					
1&2	12.64	225.60	529	522	500
	12.64	225.60			500
Cent Sect					
Share					2350
					2350

MS PG CL	Thermal	92.39	1912.01		4065
	Thml+Gas	106.93	2152.03		4665
	Hydro	6.41	104.05		1170
	Total	113.34	2256.08		5835
State Total		197.57	3763.76		11267

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Jul/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	4013	245	580	4838	928	737	2264	2044	6	46	8618	343	8961	1653	10614	49.13
2	4034	79	582	4695	927	731	2264	2016	6	46	8440	320	8760	1511	10271	49.18
3	3935	69	599	4603	929	726	2264	1928	6	44	8255	254	8509	1381	9890	49.16
4	3944	74	609	4627	930	718	2264	1833	6	47	8180	60	8240	1376	9616	49.41
5	4006	69	610	4685	929	715	2264	2025	6	41	8420	0	8420	1344	9764	49.50
6	4031	234	610	4875	928	737	2260	2204	6	41	8810	0	8810	1416	10226	49.35
7	3947	264	616	4827	930	740	2272	2244	3	46	8812	771	9583	1524	11107	49.55
8	3900	141	618	4659	929	888	2274	2155	3	30	8686	754	9440	1538	10978	49.52
9	3929	222	616	4767	927	913	2279	2211	3	44	8876	971	9847	1614	11461	49.46
10	3815	181	616	4612	927	1019	2241	2185	-69	-24	8719	946	9665	1753	11418	49.38
11	3781	236	607	4624	926	1018	2215	2261	-69	-24	8805	1209	10014	1838	11852	49.33
12	3776	234	611	4621	926	1053	2215	2128	-69	-18	8710	1369	10079	1873	11952	49.47
13	3767	131	618	4516	922	1068	2222	1903	-69	-25	8384	1383	9767	1853	11620	49.66
14	3702	134	616	4452	927	1068	2232	1999	-69	-27	8419	1154	9573	1796	11369	49.67
15	3677	120	601	4398	927	1149	2232	1946	-69	-37	8383	1075	9458	1772	11230	49.50
16	3674	121	602	4397	930	968	2228	2268	-69	-27	8536	846	9382	1731	11113	49.80
17	3719	128	602	4449	931	1052	2255	2481	-105	-64	8849	392	9241	1717	10958	49.97
18	3758	123	601	4482	928	1027	2261	2724	-91	-48	9113	0	9113	1688	10801	49.82
19	3795	113	608	4516	929	930	2251	2932	-100	-59	9248	307	9555	1750	11305	49.68
20	3843	562	616	5021	930	906	2404	2708	-109	-68	9519	1449	10968	1889	12857	49.46
21	3846	1069	604	5519	930	807	2452	2386	-109	-74	9571	1378	10949	1996	12945	49.32
22	3871	751	600	5222	930	777	2468	2366	-109	-72	9246	1311	10557	1970	12527	49.29
23	3848	727	603	5178	930	734	2503	2429	-96	-57	9237	1077	10314	1912	12226	49.31
24	3783	387	595	4765	930	715	2500	2446	-78	-29	8851	889	9740	1814	11554	49.35
MUs	92.39	6.41	14.54	113.35	22.28	21.20	55.08	53.82	-1.23	-0.27	210.69	18.26	228.94	40.71	269.65	49.47

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/Jul/2009

Position as on 6.30 Hrs of 20/Jul/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
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	20/07/2009
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Annual Overhaul.	09/08/2009
Parli Unit 3	210	10/07/2009	13.43	20/07/2009	01.58	P.A. Fan Tripped.	20/07/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	27/07/2009
Koradi Unit 4	115	28/06/2009	14.18		Continued.	Coal Bunkering problem.	20/07/2009
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Nasik Unit 2	125	16/07/2009	13.25	19/07/2009	23.53	BLR T/L.	
Paras Unit 3	250	19/07/2009	23.00	20/07/2009	05.54	Flame Failure	
Parli Unit 3	210	20/07/2009	04.37		Continued.	Boiler feed pump problem.	

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

Position as on 6.30 Hrs of 20/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
AKOLA-WARDHA--I	09/07/2009	06:32		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	16/07/2009	20.48		Continued.	H/T For O/V.
Kolhapur-Mapusa-II	19/07/2009	00.04	19/07/2009	09.11	H/T For O/V.
Kolhapur-Mapusa-II	19/07/2009	23.35		Continued.	H/T for Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Chandrapur	13/07/2009	22.37	19/07/2009	19.57	Main Breaker prob.Line on TBC at C'Pur
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Nasik-Bablswr Ckt I	09/07/2009	09:45		Continued.	CKT on TBC,for Main Breaker Replacement.
220/132 KV,63 MVA,ICT-2 at Lonand.	10/07/2009	12.10		Continued.	HV C.B.Repl.(ICT is on TBC)
Bus Coupler at Khaparkheda	16/07/2009	11.57		Continued.	C.B.O/H Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Koradi-Ambazari-I	19/07/2009	11.08	19/07/2009	16.25	Jumper snapped.
Apta - Taloja	19/07/2009	13.00	19/07/2009	16.57	Sparking at wavetrap jumper.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 315 MVA ICT at Akola	16/07/2009	14.37		Continued.	LV CB H/T
400/220KV,315MVA ICT-II at BBLSR	18/07/2009	01.33		Continued.	H/T H V Side & L V Side Breakers due to fire in cable.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-RANJANGAON	18/07/2009	06.02		Continued.	To Control ICT Loading.
Voltage Level : 220KV			Outage Type TRIPPED		
TROMBAY TIE-I	19/07/2009	04.06	19/07/2009	05.57	Pilot Wire B.Ph-E

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	90
Unit 6	210	120
Unit 7	210	110
	1040	510
Bhusawal		
Unit 1	58	20
Unit 2	210	140
Unit 3	210	130
	478	290
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	350
Chandrapur		
Unit 1	210	150
Unit 2	210	145
Unit 3	210	110
Unit 4	210	190
Unit 5	500	425
Unit 6	500	400
Unit 7	500	0
	2340	1420
Paras		
Unit 2	55	40
Unit 3	250	120
	305	160
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
	840	640
Nasik		
Unit 1	120	0
Unit 2	120	85
Unit 3	210	170
Unit 4	210	180
Unit 5	210	170
	870	605
Uran		
All Units	852	600
	852	600
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	60
TILLARI	60	60
BHTGR/VEER	21	6
BHIRA T.R.	80	80
RNGR+BHTSA	20	3
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	209
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	890
RGPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	175
TATA Hydro	444	447
	2024	1722
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2597
	3143	2597

	17616	11663
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