



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Jun/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.152	2016.736	1) Madhya Pradesh	61.711	1198.421
2) Hydro	14.211	234.616	2) Gujrat	14.908	240.583
3) Gas	15.649	259.802	3) Goa	-6.873	-105.975
Total MSGENCO	148.012	2511.154	4) TAPS 1&2 (Inj.)	3.659	114.008
B) OTHERS			5) Pench (Excess)	-0.267	-1.885
1) RGPPL Gas	21.946	393.978	# Total Cent. Sector	73.138	1445.152
2) Wind Generation	8.506	262.818	F) Other Exchanges		
3) PENCH (MS)	0.267	1.885	1) With TPCL	-9.612	-143.346
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.494	551.073	1) MSEDCL Bilateral	11.168	159.768
2) TPCL Hydro	3.993	75.225	Include PX	0.071	4.633
TOTAL TPCL	35.487	626.298	2) MUMBAI Bilateral	10.176	146.484
3) REL Thermal	12.552	226.349	Include PX	3.455	48.563
D) STATE			3) MUMBAI Schedule	10.176	147.884
1) Thermal (A1+C1+C3)	162.198	2794.158	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.471	311.726	1) MSEDCL	242.257	4473.526
3) Gas (A3+B1)	37.595	653.780	2) TPCL	38.232	658.664
4) Wind (B2)	8.506	262.818	3) REL	19.418	337.305
TOTAL STATE	226.770	4022.482	TOTAL STATE	299.907	5469.495

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	4976	4916	4961
MSGENCO Hydro	1011	403	436
MSGENCO Gas	666	673	636
MSGENCO Total Generation	6653	5992	6033
Central Sector Receipt	3450	3202	2544
RGPPL	910	917	925
WIND	162	455	461
Exchange with TPCL	-601	-333	-63
MSEDCL DEMAND MET	10574	10256	9900
Load Shedding	2792	3353	1189
MSEDCL DEMAND (INCL. LS)	13366	13609	11089
TPCL GENERATION	1708	1698	1280
REL GENERATION	521	524	523
TPCL+REL DEMAND	2830	2555	1866
STATE DEMAND MET	13404	12811	11766
STATE DEMAND (INCL. LS)	16196	16164	12955
Frequency (Hz)	49.26	49.23	49.14
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3475 MW AT 14.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			57.70 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.79 Hz at 17.09 Hrs	48.75 Hz at 22.23 Hrs	49.1	32.69 % 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 18/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.91	16.85	86	58	80
Unit 2	0.00	8.73	0	0	0
Unit 3	0.00	19.45	0	0	0
Unit 4	1.89	11.08	88	62	80
Unit 5	4.10	67.86	182	131	175
Unit 6	2.88	39.01	172	0	165
Unit 7	4.16	71.54	202	117	190
	14.92	234.52			690
Bhusawal					
Unit 1	0.54	20.64	27	19	25
Unit 2	3.93	68.94	170	148	170
Unit 3	4.03	75.07	172	155	175
	8.50	164.64			370
Parli					
Unit 1	0.54	9.69	23	21	20
Unit 2	0.61	9.24	26	23	20
Unit 3	3.42	58.62	152	135	150
Unit 4	3.75	67.65	163	149	150
Unit 5	4.24	72.94	183	166	175
Unit 6	0.00	0.58	0	0	0
	12.56	218.73			515
Chandrapur					
Unit 1	4.10	72.61	176	162	170
Unit 2	3.88	70.14	165	157	165
Unit 3	4.59	77.65	208	167	210
Unit 4	4.34	64.38	200	151	180
Unit 5	9.79	165.46	451	380	400
Unit 6	9.92	150.38	435	383	440
Unit 7	10.44	181.11	450	395	450
	47.07	781.74			2015
Paras					
Unit 2	0.49	9.61	24	17	20
Unit 3	5.05	80.50	225	190	210
	5.54	90.11			230
Khaparkheda					
Unit 1	4.20	76.30	182	168	170
Unit 2	4.20	70.59	189	168	170
Unit 3	4.31	70.12	191	172	170
Unit 4	4.19	77.22	188	169	170
	16.90	294.23			680
Nasik					
Unit 1	2.02	29.31	96	71	90
Unit 2	1.75	16.16	87	53	70
Unit 3	0.00	30.08	0	0	0
Unit 4	4.51	80.06	198	181	200
Unit 5	4.37	77.16	191	173	190
	12.66	232.76			550
Uran					
All Units	15.65	259.80	673	631	640
	15.65	259.80			640
Koyna					
Stage 1-2	2.70	49.06	360	45	600
Stage 4	7.48	115.98	890	0	250
Kovna 12&4 Total	10.18	165.04			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.08	36.25	240	0	320
	12.26	201.30			1170
Hydro					
KDPH	0.51	4.09	32	0	0
VTRNA	0.46	6.00	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.24	5.00	11	10	12
BHIRA T.R.	0.24	3.88	71	0	80
RNGR+BHTSA	0.24	4.99	11	10	11
BHANDARDRA	0.26	3.11	11	10	11
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.85	0	0	0
GHATGHAR	0.00	5.40	0	0	0
	1.95	33.32			174
PENCH (MS)					
Pench (MS)	0.27	1.88	24	0	
	0.27	1.88			
Wind					
MalharPeth	0.23	7.74			
Vankuswadi	0.57	18.71			
ATIT	0.09	3.70			
Kale	0.06	1.87			
Satara	0.22	11.98			
Shirala	0.20	5.94			
K Mahankal	0.29	4.91			
Supa	0.08	3.95			
Vita	0.77	32.26			
Dondaicha	4.02	110.19			
Sakri	0.72	20.04			
Nandurbar	0.72	17.08			
Khadakale	0.22	12.48			
Khaparale	0.34	11.98			
	8.51	262.82			
Dabhol					
RGPP L II	21.95	393.98	926	900	880
RGPP L III	0.00	0.00	0	0	
	21.95	393.98			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	217.91	505	505	500
Trombay 6	11.82	203.37	510	410	500
Trombay 7A	2.82	51.81	121	115	120
Trombay 7B	1.58	28.80	66	65	60
Trombay 8	3.16	49.18	135	126	150
TATA Hydro	3.99	75.22	377	2	447
	35.49	626.30			1777
REL					
1&2	12.55	226.35	526	517	500
	12.55	226.35			500
Cent Sect					
Share					3024
					3024

MS PG CL	Thermal	118.15	2016.74		5050
	Thml+Gas	133.80	2276.54		5690
	Hydro	14.21	234.62		1344
	Total	148.01	2511.15		7034
State Total		226.77	4022.48		13215

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Jun/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	4946	835	636	6417	923	444	3196	3148	-465	-442	10490	983	11473	2288	13761	49.14
2	4945	935	637	6517	923	380	2866	2798	-267	-239	10379	983	11362	2055	13417	49.10
3	4942	840	638	6420	925	493	2670	2642	-112	-90	10390	1031	11421	1923	13344	49.15
4	4961	436	636	6033	925	461	2671	2544	-89	-63	9900	1189	11089	1866	12955	49.14
5	4978	422	640	6040	922	361	2690	2833	-89	-59	10097	1149	11246	1810	13056	49.04
6	5011	742	639	6392	926	297	2695	2517	-89	-66	10066	1307	11373	1831	13204	48.99
7	5029	221	642	5892	925	377	2702	2606	-88	-62	9738	2472	12210	1833	14043	49.20
8	5062	142	639	5843	923	365	2794	2556	-78	-68	9619	2801	12420	1894	14314	49.18
9	5059	167	631	5857	911	386	2792	2475	-78	-67	9562	3046	12608	2102	14710	48.94
10	5078	206	634	5918	917	336	3314	3270	-465	-448	9993	2958	12951	2498	15449	49.24
11	5074	613	649	6336	912	244	3465	3390	-574	-554	10328	3005	13333	2733	16066	49.22
12	4976	1011	666	6653	910	162	3511	3450	-621	-601	10574	2792	13366	2830	16196	49.26
13	4888	1090	655	6633	900	154	3606	3541	-763	-744	10495	2692	13187	2845	16032	49.02
14	4737	1238	655	6630	903	167	3610	3501	-763	-742	10482	2809	13291	2799	16090	49.06
15	4694	1090	656	6440	901	269	3671	3207	-763	-741	10099	3000	13099	2875	15974	49.04
16	4733	928	654	6315	900	350	3672	3126	-763	-749	9966	2975	12941	2899	15840	48.99
17	4817	573	656	6046	900	412	3714	3112	-763	-739	9754	3142	12896	2861	15757	48.97
18	4787	126	665	5578	911	515	3499	3269	-688	-665	9631	3169	12800	2769	15569	49.26
19	4884	170	671	5725	915	484	3241	3065	-402	-374	9839	2866	12705	2543	15248	49.29
20	4916	403	673	5992	917	455	3198	3202	-361	-333	10256	3353	13609	2555	16164	49.23
21	4935	647	668	6250	912	422	3200	3095	-361	-326	10376	3100	13476	2508	15984	49.01
22	4929	309	669	5907	913	395	3201	3156	-361	-325	10070	2950	13020	2446	15466	48.99
23	4877	615	669	6161	915	339	3513	3295	-555	-527	10206	1893	12099	2442	14541	49.00
24	4806	452	672	5930	917	235	3614	3352	-624	-588	9869	1362	11231	2446	13677	49.00
MUs	118.06	14.21	15.65	147.92	21.95	8.50	77.10	73.15	-10.18	-9.61	242.18	57.03	299.21	57.65	356.86	49.10

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/Jun/2009

Position as on 6.30 Hrs of 19/Jun/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
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
Cent_Sect NTPC(K-3)	210	01/06/2009	00.00		Continued.	Annual Overhaul	06/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
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	25/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	30/06/2009
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	19/06/2009
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	26/06/2009
Uran Unit 3	60	09/06/2009	20:25	18/06/2009	10.26	Gas Restriction	
Cent_Sect NTPC(V-5)	210	16/06/2009	20:50	18/06/2009	02:07	Boiler Tube Leakage	
Cent_Sect NTPC(K-4)	500	17/06/2009	12:40	18/06/2009	16.41	Boiler Tube Leakage	
Koradi Unit 3	105	17/06/2009	20:36		Continued.	Boiler Tube Leakage	22/06/2009
Koradi Unit 6	210	18/06/2009	12.27	18/06/2009	18.27	Air heater trip.	

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

Position as on 6.30 Hrs of 19/Jun/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		
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
Wardha - Akola - II	12/06/2009	22.51		Continued.	Hand Tripped to Control O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV,600 MVA ICT-I @ Kalwa	18/06/2009	06.19	18/06/2009	08.19	To Wrap Polythene paper
400/220KV 500MVA ICT @ JEJURI	18/06/2009	10.15	18/06/2009	12.50	To attend Oil Leakage.
400/220 Kv Spare ICT at BBLR	18/06/2009	11.02		Continued.	Fitting of Baloon.
Kalwa-Padgha-II	18/06/2009	11.31	18/06/2009	18.20	Attending hot spot.
400/220 Kv ICT-1 at BBLSR	18/06/2009	23.13	19/06/2009	03.15	To attend oil leakage from Buchholz.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Kharepatan-Pawas	18/06/2009	09.05	18/06/2009	14.42	Insulator Replacement
Bhosari-Telco	18/06/2009	09.55	18/06/2009	17.27	Q.M. WORK
220 KV M.B. I at Talangade S/S.	18/06/2009	10.53		Continued.	Maint.work
Raymond-Washala	18/06/2009	11.05	18/06/2009	18.05	ANNUAL MAINT. WORK
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Himayatnagar Bus.	18/06/2009	11.35	18/06/2009	14.42	Q.M. WORK
Bhusawal - Muktainagar	18/06/2009	11.41		Continued.	Breaker Replacement
Bhandara-Madgi CKT.II	18/06/2009	13.40		Continued.	Breaker Replacement
Malegaon-Mehekar Ckt.	18/06/2009	15.30		Continued.	Relay Retrofitting Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Parli-Lonikand - II	18/06/2009	11.24	18/06/2009	16.39	HOT Spot at Parli.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSWR-AIEPHATA	18/06/2009	22.50	19/06/2009	03.36	BBLSR ICT-I Outage
BBLSR-Waluj	18/06/2009	22.55	19/06/2009	03.34	BBLSR ICT-I Outage
BHENDA-BBLSWR	18/06/2009	23.09	19/06/2009	03.33	BBLSR ICT-I Outage
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV ICT-I at Talangade	19/06/2009	02.11		Continued.	OLTC Buchhloz Trip.
Voltage Level : 220KV			Outage Type TRIPPED		
Dondaicha - Jamde - I	17/06/2009	18:20	18/06/2009	01:25	Wave Trap Jumper Broken.
Aurangabad-Padegaon CKT-II	18/06/2009	06.09	18/06/2009	10.31	Tripped Y Ph.jumper opened.
New Parli -Beed ckt-II	18/06/2009	17.45	18/06/2009	19.12	Tripped on Dist.Prot.
BBLSR-Chalisgaon	19/06/2009	02.49		Continued.	Dist.Prot.R Ph.Decapping.
BBLSR-RANJANGAON	19/06/2009	05.11		Continued.	Tripped on Dist.Prot. R Ph to Neutral.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	0
Unit 3	105	0
Unit 4	105	75
Unit 5	200	170
Unit 6	210	150
Unit 7	210	165
	1040	635
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	175
Unit 6	250	0
	940	515
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	60
Unit 5	500	450
Unit 6	500	440
Unit 7	500	450
	2340	1945
Paras		
Unit 2	55	20
Unit 3	250	210
	305	230
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	0
Unit 4	210	200
Unit 5	210	190
	870	570
Uran		
All Units	852	630
	852	630
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	36
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	11
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	10
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	210
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	880
RGPL III	740	
	1700	880
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	150
TATA Hydro	444	447
	2024	1777
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3380
	3143	3380

	17616	13517
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