



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 30/Jun/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	88.529	3229.175	1) Madhya Pradesh	69.714	1730.902
2) Hydro	17.191	233.442	2) Gujrat	20.237	355.679
3) Gas	7.438	278.748	3) Goa	-6.140	-183.580
Total MSGENCO	113.158	3741.365	4) TAPS 1&2 (Inj.)	6.155	234.057
B) OTHERS			5) Pench (Excess)	-0.215	-13.473
1) RGPPL Gas	38.437	1092.581	# Total Cent. Sector	89.751	2123.585
2) Wind Generation	18.999	594.969	F) Other Exchanges		
3) CPP	28.104	776.343	1) With TPCL (Excess)	-14.028	-335.253
4) PENCH (MS)	0.215	13.473	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	20.918	550.451
1) TPCL Thermal	25.997	813.245	Include PX	0.000	0.000
2) TPCL Hydro	5.525	124.277	2) MUMBAI Bilateral	14.079	358.488
TOTAL TPCL	31.522	937.522	Include PX	-0.216	-24.136
3) REL Thermal	12.455	363.179	3) MUMBAI Schedule	14.079	358.488
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	126.981	4405.599	1) MSEDCL	274.636	8007.063
2) Hydro (A2+B3+C2)	22.931	371.192	2) TPCL	39.055	1085.904
3) Gas (A3+B1)	45.875	1371.329	3) REL	18.946	550.011
4) Wind (B2)	18.999	594.969	TOTAL STATE	332.637	9642.978
5) CPP (B3)	28.104	776.343			
TOTAL STATE	242.890	7519.432			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3715	4077	3413
MSGENCO Hydro	648	1730	65
MSGENCO Gas	263	358	313
MSGENCO Total Generation	4626	6165	3791
Central Sector Receipt	4209	3050	3638
RGPPL	1621	1609	1567
WIND	832	762	829
CPP	1166	1244	1095
Exchange with Mumbai	-721	-747	-329
MSEDCL DEMAND MET	11733	12133	10591
Load Shedding (LS)	166	108	64
MSEDCL DEMAND (INCL. LS)	11899	12241	10655
TPCL GENERATION	1721	1419	946
REL GENERATION	523	520	525
TPCL+REL DEMAND	2965	2686	1800
STATE DEMAND MET	14698	14819	12391
Load Management (LM)	1549	2936	1328
Total Load Relief (LS+LM)	1715	3044	1392
UNRESTRICTED STATE DEMAND	16413	17863	13783
Frequency (Hz)	49.89	49.60	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 03.15 Hrs	49.12 Hz at 19.43 Hrs	49.87	.34 % 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)

Hourly Load Data As on 30/Jun/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	3351	65	232	3648	1580	798	1071	3268	4120	-663	-512	10705	1937	10769	2020	14662	49.95
2	3358	75	254	3687	1579	762	1092	3101	4102	-497	-349	10873	1805	10937	1861	14539	49.99
3	3413	65	313	3791	1567	829	1095	3110	3638	-497	-329	10591	1392	10655	1800	13783	50.02
4	3455	75	232	3762	1579	748	1097	3110	3843	-497	-329	10700	1378	10764	1716	13794	50.06
5	3327	75	231	3633	1586	756	1092	3086	3938	-497	-315	10690	1456	10793	1700	13846	49.98
6	3325	548	252	4125	1589	730	1101	3014	4022	-497	-334	11233	1622	11396	1729	14584	49.96
7	3439	778	264	4481	1585	623	1128	3135	3887	-340	-342	11362	1730	11633	1850	14942	49.91
8	3455	739	270	4464	1581	576	1109	3178	4335	-340	-423	11642	1692	11875	1942	15276	50.00
9	3439	950	313	4702	1591	671	1100	3235	4377	-436	-558	11883	1668	12092	2237	15788	49.97
10	3569	1083	341	4993	1615	787	1214	3297	3789	-464	-618	11780	1596	11931	2656	16032	49.97
11	3631	1024	340	4995	1626	700	1190	3434	3775	-667	-698	11588	1727	11753	2882	16197	49.97
12	3715	648	263	4626	1621	832	1166	3442	4209	-673	-721	11733	1715	11899	2965	16413	49.89
13	3859	408	346	4613	1614	875	1115	3415	4063	-651	-697	11583	1735	11773	2945	16263	49.86
14	3888	420	260	4568	1617	1004	1197	3355	3898	-617	-676	11608	1716	11779	2856	16180	49.84
15	3942	899	288	5129	1617	1059	1201	3334	3454	-646	-712	11748	1715	11910	2894	16357	49.68
16	3949	950	356	5255	1632	1018	1255	3234	3457	-651	-755	11862	1718	12027	2877	16457	49.81
17	3838	901	357	5096	1620	890	1202	3193	3818	-612	-734	11892	1723	12049	2876	16491	49.86
18	3880	535	361	4776	1616	1128	1227	3251	3362	-663	-679	11430	1881	11585	2820	16131	49.90
19	3998	239	361	4598	1615	917	1232	3173	3364	-737	-589	11137	2729	11261	2674	16540	49.72
20	4034	1307	355	5696	1616	763	1252	3046	3407	-634	-614	12151	3040	12267	2654	17845	49.57
21	4077	1730	358	6165	1609	762	1244	3181	3050	-700	-747	12133	3044	12241	2686	17863	49.60
22	3969	1422	367	5758	1602	540	1257	3206	3468	-700	-752	11922	3021	12007	2566	17509	49.77
23	3829	1228	366	5423	1596	621	1229	3277	3196	-700	-777	11337	3012	11413	2450	16799	49.87
24	3789	1027	358	5174	1584	520	1238	3036	3179	-700	-768	10963	2712	11022	2349	16024	49.80
MUs	88.53	17.19	7.44	113.16	38.44	18.91	28.10	77.11	89.75	-14.08	-14.03	274.55	47.76	277.83	58.00	380.32	49.87

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 30/Jun/2011

Position as on 6.30 Hrs of 01/Jul/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	22/07/2011
Cent_Sect NTPC(V-10)	500	15/06/2011	01.24		Continued.	C/OH	
Parli Unit 6	250	16/06/2011	05.50		Continued.	Annual Overhaul	15/07/2011
Nasik Unit 1	125	25/06/2011	04.35		Continued.	Scrapped	
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Nasik Unit 2	125	30/06/2011	23.50		Continued.	Scrapped	
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	01/07/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	10/08/2011
Uran Unit B0	120	16/06/2011	01.03		Continued.	R/M work	01/07/2011
CPP WPCL U-3	135	20/06/2011	03.16		Continued.	Maintenance work.	
Koradi Unit 5	200	22/06/2011	21.58	30/06/2011	06.59	Boiler Tube Leakage	
Uran Unit A0	120	25/06/2011	10.40	30/06/2011	08.49	Cable Damaged.	
Nasik Unit 4	210	26/06/2011	11.55		Continued.	Bottom Ash hopper heavy.	01/07/2011
Parli Unit 4	210	26/06/2011	22.35	30/06/2011	13.36	CVSM Problem.	
Parli Unit 7	250	30/06/2011	04.14	30/06/2011	07.00	Loss of Fuel	
Bhusawal Unit 2	210	30/06/2011	07.07		Continued.	Boiler Tube Leakage	02/07/2011
Koyna ST-IV 1	250	30/06/2011	19.38	01/07/2011	00.07	Spirical valve problem	
Nasik Unit 3	210	30/06/2011	21.05	01/07/2011	00.35	Drum Level High	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jun/2011

Position as on 6.30 Hrs of 01/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalmeshwar - Pandurna	30/06/2011	10.19	30/06/2011	14.16	To attend Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	22/06/2011	02.15		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	29/06/2011	22.01	30/06/2011	04.59	Over Voltage
Kolhapur-Mapusa-II	29/06/2011	22.34	30/06/2011	10.17	Over Voltage
Kolhapur - Mapusa - I	01/07/2011	00.24		Continued.	Over Voltage
Dhule - S'Sarovar- II	01/07/2011	00.42		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - I	01/07/2011	04.21		Continued.	Distance Protection(Declared Faulty)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus- II @ New Koyna	30/06/2011	07.56	30/06/2011	14.09	Replacement of R & B Ph.Conductor of 400KV Dabhol-I.
400/220 KV 600 MVA ICT-II @ Kalwa	30/06/2011	16.20	30/06/2011	20.36	Taken on TBC forAttending Hot Spot.
New Koyna - Jaigad - II	30/06/2011	16.41	30/06/2011	23.07	Bus Outage on New Koyna.
Main Bus- I @ New Koyna	30/06/2011	16.42	30/06/2011	22.48	Alignment of B Bus(Near 400KV KaradI&II)
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT upto 30.07.2011
Koradi-Ambazari-I	28/06/2011	10.23		Continued.	Transfer of the control panel from existing control panels.
Lonikand -Theur - II	30/06/2011	08.15	30/06/2011	13.58	Tan Delta & Measurement of I R Value.
Babaleshwar - Alephata	30/06/2011	09.00		Continued.	Line Maintenance Work.
Khaparkheda-Ambazari - I	30/06/2011	11.08	30/06/2011	13.08	Connecting & Crimping of T point jumpers
Bhosari-Telco	30/06/2011	11.40	30/06/2011	18.40	Due to Outage on Bus Section @ Telco.
Bus Section - I @ Telco	30/06/2011	11.40	30/06/2011	18.30	Replacement of Bus Isolator,Bus Side Jumper.
220/22 KV, 50 MVA T/F-II @ Kalwa	30/06/2011	12.20	30/06/2011	13.40	Maintenance Work.
Ambazari-Amravati	30/06/2011	13.35	30/06/2011	16.55	Connecting and crimping of T point jumpers
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chinchwad-Chakan	30/06/2011	10.00	30/06/2011	14.03	Bus Isolator Alignment.
Boiser - Palghar - I	30/06/2011	11.41	30/06/2011	14.04	Testing Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Babaleshwar - Ranjangaon	30/06/2011	14.37	30/06/2011	17.12	Y Ph.C T Oil Leakage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	20/06/2011	13.38	30/06/2011	14.00	Over Voltage.
Bhusawal- Aurangabad	29/06/2011	20.55	30/06/2011	07.27	Over Voltage
Lonikand- Koyna Stage IV	29/06/2011	21.42	30/06/2011	08.30	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jun/2011

Position as on 6.30 Hrs of 01/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - I	30/06/2011	21.34		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Bale-Usmanabad	11/06/2011	16.01		Continued.	To Control Parly ICT Loading.
Murud-Bale	19/06/2011	15.33		Continued.	At Bale end,To control Parli ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	30/06/2011	22.15	01/07/2011	05.25	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Diff.Prot.Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Butibori TSS - Butibori(MIDC)	29/06/2011	20.02	30/06/2011	10.09	Distance Protection(B phase CC Burst)
220KV Bus Section-I Breaker at Abhijeet	29/06/2011	20.02	30/06/2011	21.30	Tripped on O/C E/F
Kandalgaon - Pophali	30/06/2011	12.10	30/06/2011	12.43	Distance Protection
Pedambe-Newkoyna	30/06/2011	13.02	30/06/2011	21.02	Bus Bar Protection Operated.
Vita - Ghatnandre	01/07/2011	02.33		Continued.	Distance protection
Voltage Level : 132KV			Outage Type TRIPPED		
Akola - Paras - I	30/06/2011	20.30	30/06/2011	20.45	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 01/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	175
Unit 7	210	180
	620	525
Bhusawal		
Unit 2	210	0
Unit 3	210	180
Unit 4	0	
	420	180
Parli		
Unit 3	210	135
Unit 4	210	140
Unit 5	210	145
Unit 6	250	0
Unit 7	250	190
	1130	610
Chandrapur		
Unit 1	210	130
Unit 2	210	120
Unit 3	210	190
Unit 4	210	180
Unit 5	500	400
Unit 6	500	325
Unit 7	500	0
	2340	1345
Paras		
Unit 3	250	200
Unit 4	250	250
	500	450
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	170
Unit 4	210	170
Unit 5	0	
	840	660
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	93
Unit 4	210	0
Unit 5	210	163
	870	256
Uran		
All Units	852	395
	852	395
Dabhol		
RGPP	1940	1550
	1940	1550
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	2
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	173
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	805
WARDHA	405	260
Other CPPs	0	
	1005	1065
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	210
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3012
	3455	3012