



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

State Load Dispatch Center, Airoli

Daily system Report

for

21/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 21/Jun/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.612	2333.755	1) Madhya Pradesh	48.398	1243.100
2) Hydro	5.171	162.637	2) Gujrat	18.752	167.545
3) Gas	8.183	208.853	3) Goa	-6.322	-127.946
Total MSGENCO	127.966	2705.245	4) TAPS 1&2 (Inj.)	7.854	165.049
B) OTHERS			5) Pench (Excess)	-0.289	-11.471
1) RGPPL Gas	34.439	758.293	# Total Cent. Sector	68.393	1436.277
2) Wind Generation	29.650	348.615	F) Other Exchanges		
3) CPP	23.612	542.130	1) With TPCL (Excess)	-12.527	-220.798
4) PENCH (MS)	0.289	11.471	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	16.090	370.210
1) TPCL Thermal	26.801	576.277	Include PX	0.000	0.000
2) TPCL Hydro	5.670	81.612	2) MUMBAI Bilateral	13.695	238.188
TOTAL TPCL	32.471	657.889	Include PX	-0.585	-20.001
3) REL Thermal	12.395	250.701	3) MUMBAI Schedule	13.695	238.188
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	153.808	3160.733	1) MSEDCL	271.822	5581.233
2) Hydro (A2+B3+C2)	11.130	255.720	2) TPCL	38.080	749.249
3) Gas (A3+B1)	42.622	967.146	3) REL	19.313	380.127
4) Wind (B2)	29.650	348.615	TOTAL STATE	329.215	6710.609
5) CPP (B3)	23.612	542.130			
TOTAL STATE	260.822	5274.344			

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	4851	4945	4373
MSGENCO Hydro	175	989	74
MSGENCO Gas	352	348	324
MSGENCO Total Generation	5378	6282	4771
Central Sector Receipt	2847	3050	2394
RGPPL	1567	1510	1333
WIND	1320	1120	1137
CPP	1006	982	988
Exchange with Mumbai	-634	-664	-291
MSEDCL DEMAND MET	11509	12305	10332
Load Shedding (LS)	69	55	69
MSEDCL DEMAND (INCL. LS)	11578	12360	10401
TPCL GENERATION	1743	1407	956
REL GENERATION	523	523	488
TPCL+REL DEMAND	2900	2594	1735
STATE DEMAND MET	14409	14899	12067
Load Management (LM)	1519	2538	1118
Total Load Relief (LS+LM)	1588	2593	1187
UNRESTRICTED STATE DEMAND	15997	17492	13254
Frequency (Hz)	49.69	49.22	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 08:07 Hrs	48.82 Hz at 20:21 Hrs	49.72	4.87 % 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)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 21/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.95	68.27	177	150	160
Unit 6	4.00	83.21	178	135	170
Unit 7	4.22	79.28	185	165	180
	12.18	230.76			510
Bhusawal					
Unit 2	3.90	72.75	170	150	170
Unit 3	3.92	85.23	180	150	170
Unit 4	0.00	0.00	0	0	0
	7.82	157.98			340
Parli					
Unit 3	3.11	50.53	140	120	120
Unit 4	2.84	52.37	149	92	110
Unit 5	2.60	54.98	120	97	115
Unit 6	0.00	53.52	0	0	0
Unit 7	3.07	42.97	223	0	60
	11.63	254.38			405
Chandrapur					
Unit 1	2.97	59.90	140	113	120
Unit 2	2.62	71.16	123	93	120
Unit 3	4.33	61.38	190	145	150
Unit 4	4.18	71.16	184	161	180
Unit 5	10.12	186.76	465	400	410
Unit 6	10.41	189.05	455	410	410
Unit 7	9.68	190.46	425	385	400
	44.31	829.88			1790
Paras					
Unit 3	3.86	95.45	214	87	150
Unit 4	5.09	99.78	266	120	180
	8.95	195.23			330
Khaparkheda					
Unit 1	4.06	93.60	180	145	185
Unit 2	4.14	88.76	184	159	185
Unit 3	4.41	89.04	204	160	180
Unit 4	4.34	103.53	201	168	170
Unit 5	0.00	0.00	0	0	0
	16.95	374.92			720
Nasik					
Unit 1	1.86	38.22	89	57	90
Unit 2	1.56	33.60	89	0	90
Unit 3	2.03	71.66	140	0	0
Unit 4	3.72	67.60	170	140	180
Unit 5	3.58	79.52	172	119	180
	12.76	290.60			540
Uran					
All Units	8.18	208.85	352	317	300
	8.18	208.85			300
Dabhol					
RGPPL	34.44	758.29	1567	1324	1290
	34.44	758.29			1290
Koyna					
Stage 1-2	1.48	45.83	240	35	600
Stage 4	0.58	36.16	241	0	250
Stage 3	0.59	22.43	160	0	320
	2.65	104.41			1170
Kovna 12&4 Total	2.06	81.98			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.62	13.42	61	0	61
TILLARI	0.06	0.06	29	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.44	6.69	41	0	41
RNGR+BHTSA	0.26	4.57	11	10	16
BHANDARDRA	0.00	10.85	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.39	5.89	23	13	0
GHATGHAR	0.76	14.97	250	0	0
	2.52	58.23			118
PENCH (MS)					
Pench (MS)	0.29	11.47	25	0	0
	0.29	11.47			0
Wind					
MalharPeth	0.84	10.53			
Vankuswadi	2.37	27.77			
ATIT	0.34	9.29			
Kale	0.76	10.74			
Satara	4.02	29.42			
Shirala	0.70	11.03			
K Mahankal	0.13	21.68			
Supa	0.35	5.37			
Vita	4.13	66.56			
Dondaicha	10.44	94.54			
Sakri	1.37	13.59			
Nandurbar	1.09	10.46			
Khandke	1.85	24.24			
Khaparale	1.25	13.41			
	29.65	348.62			
CPP					
JSW JAIGAD	11.81	301.02	499	482	730
WARDHA	7.41	161.74	331	286	325
Other CPPs	4.39	79.37			
	23.61	542.13			1055
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.60	235.54	490	425	490
Trombay 6	6.74	137.74	465	150	500
Trombay 7A	2.83	59.78	120	116	120
Trombay 7B	1.58	33.22	67	65	60
Trombay 8	4.04	110.00	190	115	250
TATA Hydro	5.67	81.61	423	0	447
	32.47	657.89			1867
REL					
1&2	12.40	250.70	525	457	500
	12.40	250.70			500
Cent Sect					
Share					3390
					3390

MS PG CL	Thermal	114.61	2333.76			4635
	Thml+Gas	122.80	2542.61			4935
	Hydro	5.17	162.64			1288
	Total	127.97	2705.24			6223
State Total		260.82	5274.34			14325

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/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	4464	106	317	4887	1327	1198	974	3158	2873	-627	-568	10691	1739	10760	2075	14505	49.81
2	4371	64	325	4760	1330	1308	956	2933	2634	-483	-386	10602	1604	10671	1894	14100	49.90
3	4366	64	325	4755	1330	1152	959	2940	2641	-483	-297	10540	1203	10609	1800	13543	49.90
4	4373	74	324	4771	1333	1137	988	2902	2394	-483	-291	10332	1187	10401	1735	13254	49.97
5	4411	74	320	4805	1329	1221	970	2897	2311	-483	-306	10330	1236	10399	1688	13254	49.83
6	4500	59	324	4883	1328	1324	960	2882	2873	-483	-373	10995	1339	11064	1760	14094	49.86
7	4614	110	347	5071	1329	1070	986	2951	3037	-346	-328	11165	1338	11234	1828	14331	49.90
8	4785	103	347	5235	1327	1340	986	2975	3453	-359	-438	11903	1338	11972	1957	15198	49.87
9	4822	166	346	5334	1324	1442	999	3032	3303	-432	-506	11896	1338	11965	2253	15487	49.84
10	4903	299	348	5550	1353	1375	981	3204	2955	-477	-557	11657	1424	11726	2623	15704	49.81
11	4906	174	351	5431	1385	1293	980	3314	3014	-575	-639	11489	1561	11558	2861	15911	49.96
12	4851	175	352	5378	1567	1320	1006	3390	2847	-664	-634	11509	1588	11578	2900	15997	49.69
13	4869	166	349	5384	1500	1321	1002	3338	2706	-659	-636	11302	1589	11371	2880	15771	49.72
14	4987	104	345	5436	1521	1375	1012	3273	2766	-628	-568	11566	1589	11635	2805	15960	49.82
15	5012	70	347	5429	1516	1248	1010	3248	2736	-646	-596	11366	1590	11435	2843	15799	49.49
16	4969	65	346	5380	1516	1316	983	3167	2871	-651	-609	11480	1491	11549	2883	15854	49.55
17	4960	83	346	5389	1521	1308	982	3127	2960	-612	-572	11611	1408	11666	2847	15866	49.61
18	4948	106	345	5399	1523	1314	964	3088	2711	-550	-531	11404	1490	11459	2782	15676	49.86
19	4979	162	345	5486	1525	1257	986	2979	2633	-555	-505	11407	2240	11462	2628	16275	49.79
20	4931	737	347	6015	1516	1122	985	3058	3098	-634	-629	12132	2554	12187	2625	17311	49.31
21	4945	989	348	6282	1510	1120	982	3137	3050	-716	-664	12305	2593	12360	2594	17492	49.22
22	4890	738	346	5974	1510	1012	966	3137	2932	-716	-655	11761	2593	11816	2492	16846	49.39
23	4898	319	347	5564	1511	1038	984	3103	2882	-716	-655	11324	2593	11379	2365	16282	49.61
24	4858	164	346	5368	1508	1039	1011	3002	2713	-716	-584	11055	2371	11110	2275	15701	49.45
MUs	114.61	5.17	8.18	127.97	34.44	29.65	23.61	74.24	68.39	-13.70	-12.53	271.82	41.00	273.37	57.39	370.21	49.72

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 21/Jun/2011

Position as on 6.30 Hrs of 22/Jun/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
Parli Unit 6	250	16/06/2011	05.50		Continued.	Annual Overhaul	15/07/2011
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	24/06/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Uran Unit B0	120	16/06/2011	01.03		Continued.	R/M work	22/06/2011
Parli Unit 7	250	16/06/2011	19.12	21/06/2011	04.05	No Coal Flow(Conveyor Belt Broken)	
CPP JSW (J) U2	300	19/06/2011	00.13	22/06/2011	05.00	C W Line Leakage.	
CPP WPCL U-3	135	20/06/2011	03.16		Continued.	Maintenance work.	
Dabhol 2A	230	20/06/2011	20.42	21/06/2011	08.42	Air filter replacement.	22/06/2011
Nasik Unit 3	210	20/06/2011	23.15	21/06/2011	07.05	Drum level high.	
Parli Unit 7	250	21/06/2011	09.37	21/06/2011	11.23	Flame failure.	
Cent_Sect NTPC(K-3)	210	21/06/2011	11.38		Continued.	Tripped.	22/06/2011
Nasik Unit 2	125	21/06/2011	18.35	21/06/2011	19.50	Drum level high.	
Nasik Unit 2	125	21/06/2011	21.00	21/06/2011	23.00	Drum level high.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jun/2011

Position as on 6.30 Hrs of 22/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	18/06/2011	03.52		Continued.	Over Voltage.
Kolhapur - Mapusa - II	18/06/2011	13.08	21/06/2011	09.28	Over Voltage.
Dhule-Sar'Sarovar - I	21/06/2011	01.09	21/06/2011	06.07	Over Voltage.
Akola - Wardha - II	21/06/2011	04.17	21/06/2011	07.03	Over Voltage.
Kolhapur - Mapusa - I	21/06/2011	21.29		Continued.	Over Voltage.
Akola - Wardha - I	22/06/2011	02.15		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor on 400 KV Parli - II.	17/06/2011	13.10		Continued.	Oil Filtration Work.
400/220 KV 315 MVA ICT-II @ Chandrapur	21/06/2011	07.56	21/06/2011	19.26	Pre monsoon maintenance and tan delta .
400/132KV 200 MVA ICT-I @ Bhusawal	21/06/2011	08.27	21/06/2011	18.12	Retrofitting of differential relay.
Main Bus - II @ Koyna Stg - IV	21/06/2011	10.36	21/06/2011	19.58	Replacement of R ph.pentagraph.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/132KV 200MVA ICT-II at Lonand	16/06/2011	08.47		Continued.	Red Hot Spot(Kept on Huming since 16.06.2011)
Nasik-Raymond	20/06/2011	11.30		Continued.	Taken on TBC.To attend compressor air leakage.
Kandalgaon - ONGC	21/06/2011	08.15	22/06/2011	04.44	Replacement of isolator.
Wardha-Abhijeet II	21/06/2011	10.07	21/06/2011	13.22	For connecting ABT meters in series with existing MFM meter.
220/110KV 200MVA ICT at Miraj	21/06/2011	10.10	21/06/2011	16.27	Painting work.
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT.
220/132KV 150MVA ICT @ Boisor	21/06/2011	10.55	21/06/2011	16.40	Tan delta bushing work.
Ambazari - Abhijeet	21/06/2011	13.42	21/06/2011	16.16	For connecting ABT meters in series with existing MFM meter.
Karad - Nigade	21/06/2011	14.00	21/06/2011	17.25	Maintenance work.
220/132 KV 200 MVA ICT-I @ Harangul	21/06/2011	14.58	21/06/2011	18.50	CTR fire protection commissioning work.
220/132 KV 200 MVA ICT - III @ Bale	21/06/2011	15.27	21/06/2011	18.15	SFRA Testing work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Akola - Paras - I	21/06/2011	08.45	21/06/2011	15.00	Stringing work of Apathapa.
Akola - Paras-II	21/06/2011	08.46	21/06/2011	15.00	Stringing work of 220KV Apathapa.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
New Koyna - Jaigad - II	20/06/2011	18.04		Continued.	taken on TBC.sparking in isolator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur-II	20/06/2011	13.38	21/06/2011	09.30	Over Voltage.
Bhusawal- Aurangabad	20/06/2011	18.43	21/06/2011	05.58	Over Voltage.
Lonikand- Koyna Stage IV	21/06/2011	00.17	21/06/2011	06.52	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jun/2011

Position as on 6.30 Hrs of 22/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	21/06/2011	21.24	22/06/2011	05.36	Over Voltage.
Lonikand- Koyna Stage IV	22/06/2011	00.48		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.
Babaleshwar - Bhenda	14/06/2011	08.25		Continued.	To control BBLSR ICT loading.
Murud-Bale	19/06/2011	15.33		Continued.	At Bale end,To control Parli ICT loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
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.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
220/132 KV 150 MVA ICT @ Bhandara	14/06/2011	21.31		Continued.	OLTC buchholz protection operated.
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 22/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	150
Unit 6	210	150
Unit 7	210	180
	620	480
Bhusawal		
Unit 2	210	170
Unit 3	210	180
Unit 4	0	0
	420	350
Parli		
Unit 3	210	130
Unit 4	210	145
Unit 5	210	115
Unit 6	250	0
Unit 7	250	165
	1130	555
Chandrapur		
Unit 1	210	130
Unit 2	210	115
Unit 3	210	90
Unit 4	210	170
Unit 5	500	400
Unit 6	500	415
Unit 7	500	430
	2340	1750
Paras		
Unit 3	250	170
Unit 4	250	200
	500	370
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	190
Unit 4	210	190
Unit 5	0	0
	840	720
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	130
Unit 4	210	150
Unit 5	210	150
	870	610
Uran		
All Units	852	350
	852	350
Dabhol		
RGPP	1940	1290
	1940	1290
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	61
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	41
RNGR+BHTSA	20	11
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	122
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	725
WARDHA	405	325
Other CPPs	0	
	1005	1050
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3137
	3455	3137