

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/May/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.253	2553.300	1) Gujrat	1.991	-43.450
2) Hydro	22.230	422.371	2) Madhya Pradesh	12.170	264.916
3) Gas	6.635	137.236	3) Chattisgarh	6.290	131.410
Total MSPGCL	153.118	3112.907	4) Maharashtra Net	98.471	2093.052
B) 1) APML	58.000	1147.940	5) Goa	-8.586	-153.697
2) JSWEL	15.937	438.565	6) TAPS 1&2 Injection	3.258	69.359
3) VIPL	11.134	234.159	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.350	112.870	8) Pench (MS)	0.017	1.874
5) WPCL	8.422	172.145	9) Pench (Excess)	-0.017	-1.653
6) Other IPP	5.447	117.955	Total	113.577	2359.937
C) 1) TPCL Thermal	17.059	349.474	a) Mumbai Schedule	27.688	548.673
2) TPCL Hydro	3.922	75.998	b) Mumbai Drawl	32.981	609.882
3) TPCL Gas	3.129	64.155	c) MSEDCL Bilateral *	28.059	650.050
4) R-INFRA Thermal	9.629	242.219	Include PX	-0.584	2.589
D) STATE			d) Mumbai Bilateral *	27.688	546.673
1) Thermal	255.231	5368.627	Include PX	3.319	46.673
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro	26.152	498.369	H) ENERGY CATERED (MUs)		
3) Gas	9.764	201.391	1) MSEDCL	364.240	7406.085
4) Wind	24.908	292.666	2) Mumbai Discoms	66.725	1341.727
6) SOLAR	1.328	25.170	TOTAL STATE	430.965	8747.812
TOTAL STATE	317.383	6386.223			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5332	5267	4919	5143
MSPGCL Hydro	1571	1727	849	104
MSPGCL Gas	279	280	275	277
MSPGCL Total Generation	7182	7274	6043	5524
Central Sector Receipt	4893	5088	4906	4703
WIND	734	1008	1214	1148
CPP / IPP	4453	4456	4288	4344
SOLAR	172	136	0	0
Exchange with Mumbai	-1381	-1485	-1453	-1260
MSEDCL DEMAND MET	16053	16477	14998	14459
Load Shedding	101	49	52	53
MSEDCL DEMAND	16154	16526	15050	14512
TPCL GENERATION	1377	1317	947	617
R-INFRA GENERATION	480	513	519	260
MUMBAI DEMAND	3238	3315	2919	2137
STATE DEMAND MET	19291	19792	17917	16596
STATE DEMAND	19392	19841	17969	16649
Frequency (Hz)	49.93	49.95	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.03 Hrs	49.61 Hz at 22.15 Hrs	49.95	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 21/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.76	68.91	165	145
Unit 6	0.00	0.00	0	0
Unit 7	3.87	78.62	172	151
Total	7.62	147.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.00	216.14	505	370
Unit 5	9.94	209.75	500	360
Total	19.94	425.89		
Parli				
Unit 3	0.00	24.83	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.47	65.05	149	140
Unit 6	5.29	109.99	250	145
Unit 7	0.00	103.36	0	0
Total	8.76	303.22		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.43	56.96	150	138
Unit 3	4.64	81.58	206	173
Unit 4	4.39	74.33	192	166
Unit 5	10.03	110.68	440	369
Unit 6	9.58	166.29	420	368
Unit 7	8.92	196.08	415	292
Total	40.99	685.92		
Paras				
Unit 3	5.66	111.00	253	199
Unit 4	5.56	112.30	252	190
Total	11.22	223.30		
Khaparkheda				
Unit 1	4.30	86.15	200	165
Unit 2	3.54	75.78	170	125
Unit 3	4.06	73.46	195	146
Unit 4	4.11	87.17	175	168
Unit 5	10.66	187.96	500	390
Total	26.68	510.52		
Nasik				
Unit 3	0.00	89.54	0	0
Unit 4	4.49	89.25	200	170
Unit 5	4.54	78.13	200	176
Total	9.03	256.91		
Uran				
All Units	6.64	137.24	283	270
Total	6.64	137.24		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.02	1.87	14	0
Total	0.02	1.87		
Koyna				
Stage 1-2	5.22	110.76	530	40
Stage 4	10.23	167.58	1120	0
Stage 3	3.55	61.34	240	0
Total	18.99	339.68		
Hydro				
KDPH	0.38	9.66	16	16
VTRNA	0.83	18.71	61	0
TILLARI	0.00	6.34	0	0
BHTGR/VEER	0.05	1.27	2	2
BHIRA T.R.	0.30	3.90	40	0
RNGR+BHTSA	0.24	4.57	11	10
BHANDARDRA	0.21	4.91	9	8
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.72	14.68	38	27
GHATGHAR	0.50	16.14	240	0
Total	3.24	82.69		
Wind				
Total	24.91	292.67	0	0
Total	24.91	292.67		
CPP				
APML(Mus)	58.00	1147.94	0	0
JSWEL(Mus)	15.94	438.56	0	0
VIPL(Mus)	11.13	234.16	0	0
RPLAMT(Mus)	5.35	112.87	0	0
WPCL(Mus)	8.42	172.14	0	0
Other(Mus)	5.45	117.96	0	0
Total	104.29	2223.63		
SOLAR				
Total	1.33	25.17	0	0
Total	1.33	25.17		
Tata				
Trombay 5	11.16	226.23	499	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	38.16	115	59
Trombay 7B	1.28	26.00	67	47
Trombay 8	5.90	123.25	252	200
TATA Hydro	3.92	76.00	448	0
Total	24.11	489.63		
R-INFRA				
1-2	9.63	242.22	519	259
Total	9.63	242.22		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.25	2553.30
MSPGCL Thml+Gas	130.89	2690.54

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.23	422.37
MSPGCL Total	153.12	3112.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	15.44	278.34
State Total	317.38	6386.22

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 21/May/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5463	1553	278	7294	1029	4430	0	4648	4515	-1563	15705	76	15781	2678	18459	49.93
2	5434	1289	277	7000	1074	4316	0	4559	3959	-1374	14975	53	15028	2476	17504	49.98
3	5410	375	278	6063	1171	4358	0	4741	4962	-1226	15328	53	15381	2316	17697	49.91
4	5112	124	276	5512	1386	4346	0	4776	4947	-1233	14958	53	15011	2201	17212	49.98
5	5143	104	277	5524	1148	4344	0	4541	4703	-1260	14459	53	14512	2137	16649	49.95
6	5185	109	276	5570	1200	4385	0	4684	4669	-1156	14668	57	14725	2137	16862	49.97
7	5168	114	277	5559	1014	4349	6	4574	4848	-1019	14757	58	14815	2109	16924	50.01
8	5204	196	278	5678	882	4412	42	4660	5085	-1105	14994	80	15074	2213	17287	49.99
9	5252	713	274	6239	914	4478	91	5022	5214	-1387	15549	91	15640	2510	18150	50.01
10	5384	1702	272	7358	603	4456	117	5003	4347	-1402	15479	101	15580	2863	18443	49.97
11	5373	2166	270	7809	686	4449	157	4925	4150	-1449	15802	99	15901	3178	19079	49.95
12	5332	1571	279	7182	734	4453	172	5024	4893	-1381	16053	101	16154	3238	19392	49.93
13	5249	1588	279	7116	700	4351	182	5033	5051	-1451	15949	69	16018	3285	19303	49.96
14	5219	1370	278	6867	826	4291	173	5085	5033	-1469	15721	53	15774	3213	18987	49.98
15	5245	1399	279	6923	931	4299	137	5005	5215	-1504	16001	49	16050	3307	19357	49.91
16	5267	1727	280	7274	1008	4456	136	4975	5088	-1485	16477	49	16526	3315	19841	49.95
17	5283	1562	283	7128	1129	4222	70	4884	4929	-1454	16024	49	16073	3289	19362	49.99
18	5150	475	281	5906	1216	4259	40	4403	3998	-1474	13945	49	13994	3147	17141	49.99
19	4970	339	274	5583	1211	4305	5	3844	3990	-1484	13610	49	13659	2958	16617	49.97
20	4926	1037	271	6234	1289	4142	0	4395	4468	-1466	14667	52	14719	2932	17651	49.89
21	4919	849	275	6043	1214	4288	0	4645	4906	-1453	14998	52	15050	2919	17969	49.92
22	4903	391	275	5569	1173	4238	0	4632	4941	-1368	14553	52	14605	2797	17402	49.90
23	4896	460	274	5630	1159	4363	0	4628	4795	-1380	14567	52	14619	2727	17346	49.84
24	4766	1017	274	6057	1211	4300	0	4628	4871	-1438	15001	52	15053	2775	17828	49.93
MUs	124.25	22.23	6.64	153.12	24.91	104.29	1.33	113.31	113.58	-32.98	364.24	1.50	365.74	66.72	432.46	49.95

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/May/2015

Position as on 6.30 Hrs of 22/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refueling work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	26/06/2015
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	WPCL U-3	135	18/05/2015	03:07	21/05/2015	10.23	Withdrawn	
MSPGCL	Parli Unit 3	210	19/05/2015	18.12	22/05/2015	00.04	Drum level low	
RINFRA-G	REL Unit 1	250	19/05/2015	20.44		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	20/05/2015	09.28	21/05/2015	19.45	Drum level low	
MSPGCL	Parli Unit 7	250	20/05/2015	19.16		Continued.	BLR Validity extension for 48 Hrs.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/May/2015

Statement-VII

Position as on 6.30 Hrs of 22/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar I	InterState	20/05/2015	10.44	21/05/2015	06.00	PO	Outage.
Dhule Sar'Sarovar II	InterState	21/05/2015	10.49		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering PT Burst.
Babhaleshwar-Taptitanda ckt-I	IntraState	17/05/2015	21:23		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
Bhusawal-Aurangabad	IntraState	20/05/2015	16.44	21/05/2015	09.48	HT	Over Voltage
karad -kolhapur-II	IntraState	20/05/2015	18.23	21/05/2015	06.32	HT	Over Voltage
Padghe - Kalwa-II	IntraState	21/05/2015	01.21	21/05/2015	10.47	PO	Hot spot at Y-Ph wave trap at Kalwa end.
Lonikand I - Koyna stage-IV	IntraState	21/05/2015	13.24	21/05/2015	18.23	PO	Replacement of Wavetrap Jumper
karad -kolhapur-II	IntraState	21/05/2015	18.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/05/2015	21.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT- I @Koradi	IntraState	18/05/2015	11:47		Continued.	PO	Dismantling and Errection of Duct with LA.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	21/05/2015	09.09	21/05/2015	17.28	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Chandrapur Gcr - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Chandrapur Gcr - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Mudshingi-Wathar	IntraState	18/05/2015	00.33		Continued.	T	R Phase CT Burst.
Parvati - Hybrid Pass	IntraState	18/05/2015	08:42		Continued.	HT	To Control Chinchwad-Urse L/L.
Ghodbunder MSETCL Boisar line	IntraState	20/05/2015	09.20	21/05/2015	13.15	T	To control line loading.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	21/05/2015	02.35	21/05/2015	03.13	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	21/05/2015	02.35	21/05/2015	14.18	T	Y-Ph CT Burst.
Pohali-Nerle	IntraState	21/05/2015	08.00	21/05/2015	18.05	PO	Annual Maintenance Work
Mahindra Vehicle-Bridgestone	IntraState	21/05/2015	10.00	21/05/2015	18.30	PO	Annual Maintenance Work
Centuri Enka- Bhosari	IntraState	21/05/2015	11.07	21/05/2015	19.08	PO	Annual Maintenance Work
Eklahare (Gcr) - Ghatghar	IntraState	21/05/2015	11.19	21/05/2015	18.46	PO	Annual Maintenance Work
Nagothane - Posco	IntraState	21/05/2015	11.48	21/05/2015	17.40	PO	Annual Maintenance Work
Pedambe-Nerle	IntraState	21/05/2015	13.00	21/05/2015	13.13	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 kv 150MVA ICT-II @ Satara	IntraState	13/05/2015	16:30		Continued.	T	Differential protection
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	21/05/2015	06.25	21/05/2015	09.42	PO	Attending Hot Spot

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage