

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/May/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.297	2429.047	1) Gujrat	1.883	-45.441
2) Hydro	29.970	400.141	2) Madhya Pradesh	10.859	252.746
3) Gas	6.667	130.601	3) Chattisgarh	6.340	125.120
Total MSPGCL	165.934	2959.789	4) Maharashtra Net	101.636	1994.581
B) 1) APML	55.610	1089.940	5) Goa	-7.961	-145.111
2) JSWEL	15.956	422.628	6) TAPS 1&2 Injection	3.280	66.101
3) VIPL	11.345	223.025	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.690	107.520	8) Pench (MS)	0.189	1.857
5) WPCL	7.450	163.723	9) Pench (Excess)	-0.189	-1.636
6) Other IPP	5.738	112.508	Total	115.848	2246.360
C) 1) TPCL Thermal	16.973	332.415	a) Mumbai Schedule	28.983	520.985
2) TPCL Hydro	5.291	72.076	b) Mumbai Drawl	35.635	576.901
3) TPCL Gas	3.003	61.026	c) MSEDCL Bilateral *	30.217	621.990
4) R-INFRA Thermal	6.168	232.590	Include PX	-0.470	3.173
D) STATE			d) Mumbai Bilateral *	27.333	518.985
1) Thermal	253.227	5113.396	Include PX	2.737	43.354
(A1+C1+C4+(B1-B6))			Include Standby	1.650	2.000
2) Hydro (A2+C2)	35.261	472.217	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.670	191.627	1) MSEDCL	369.329	7041.828
4) Wind	20.944	267.758	2) Mumbai Discoms	67.070	1275.002
6) SOLAR	1.449	23.842	TOTAL STATE	436.399	8316.830
TOTAL STATE	320.551	6068.840			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 7 Hrs
MSPGCL Thermal	5542	5430	5098	5164
MSPGCL Hydro	1807	1672	1592	967
MSPGCL Gas	272	274	276	284
MSPGCL Total Generation	7621	7376	6966	6415
Central Sector Receipt	5542	5398	4717	4220
WIND	437	894	1019	1125
CPP / IPP	4264	4416	4262	3917
SOLAR	170	132	0	9
Exchange with Mumbai	-1698	-1724	-1517	-1005
MSEDCL DEMAND MET	16336	16492	15447	14681
Load Shedding	414	228	57	92
MSEDCL DEMAND	16750	16720	15504	14773
TPCL GENERATION	1246	1370	1155	847
R-INFRA GENERATION	252	251	259	259
MUMBAI DEMAND	3196	3345	2931	2111
STATE DEMAND MET	19532	19837	18378	16792
STATE DEMAND	19946	20065	18435	16884
Frequency (Hz)	49.97	49.92	49.85	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.04 Hrs	49.63 Hz at 22.12 Hrs	49.96	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 20/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.64	65.16	165	120
Unit 6	0.00	0.00	0	0
Unit 7	3.71	74.76	170	140
Total	7.35	139.91		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.67	206.14	500	360
Unit 5	10.72	199.81	500	360
Total	21.39	405.95		
Parli				
Unit 3	0.00	24.83	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.46	61.57	152	137
Unit 6	4.87	104.70	250	188
Unit 7	4.17	103.36	245	0
Total	12.50	294.46		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.34	53.53	142	134
Unit 3	4.41	76.94	200	165
Unit 4	4.28	69.94	192	160
Unit 5	9.92	100.65	440	380
Unit 6	9.56	156.72	420	375
Unit 7	9.63	187.16	425	362
Total	41.13	644.93		
Paras				
Unit 3	5.27	105.34	250	133
Unit 4	5.54	106.73	247	210
Total	10.82	212.08		
Khaparkheda				
Unit 1	3.90	81.85	190	135
Unit 2	3.62	72.24	175	120
Unit 3	4.33	69.40	200	160
Unit 4	4.06	83.05	175	165
Unit 5	9.46	177.30	500	308
Total	25.38	483.84		
Nasik				
Unit 3	1.74	89.54	190	0
Unit 4	4.49	84.76	195	173
Unit 5	4.51	73.59	200	179
Total	10.73	247.88		
Uran				
All Units	6.67	130.60	290	270
Total	6.67	130.60		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.19	1.86	46	0
Total	0.19	1.86		
Koyna				
Stage 1-2	6.50	105.54	500	35
Stage 4	14.77	157.35	1025	200
Stage 3	5.08	57.79	240	80
Total	26.34	320.69		
Hydro				
KDPH	0.38	9.28	16	16
VTRNA	0.89	17.88	61	0
TILLARI	0.00	6.34	0	0
BHTGR/VEER	0.05	1.22	3	2
BHIRA T.R.	0.20	3.60	40	0
RNGR+BHTSA	0.24	4.33	11	10
BHANDARDRA	0.20	4.71	9	8
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.64	13.96	27	26
GHATGHAR	1.01	15.63	250	0
Total	3.63	79.45		
Wind				
Total	20.94	267.76	0	0
Total	20.94	267.76		
CPP				
APML(Mus)	55.61	1089.94	0	0
JSWEL(Mus)	15.96	422.63	0	0
VIPL(Mus)	11.34	223.02	0	0
RPLAMT(Mus)	4.69	107.52	0	0
WPCL(Mus)	7.45	163.72	0	0
Other(Mus)	5.74	112.51	0	0
Total	100.79	2119.34		
SOLAR				
Total	1.45	23.84	0	0
Total	1.45	23.84		
Tata				
Trombay 5	11.32	215.07	497	373
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.76	36.31	115	57
Trombay 7B	1.25	24.71	67	46
Trombay 8	5.65	117.35	251	200
TATA Hydro	5.29	72.08	471	0
Total	25.27	465.52		
R-INFRA				
1-2	6.17	232.59	262	247
Total	6.17	232.59		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	129.30	2429.05
MSPGCL Thml+Gas	135.96	2559.65

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	29.97	400.14
MSPGCL Total	165.93	2959.79

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	21.26	262.90
State Total	320.55	6068.84

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/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	5555	1365	286	7206	1228	3938	0	4793	4778	-1617	15533	70	15603	2691	18294	49.98
2	5482	1065	286	6833	1096	3943	0	4677	4838	-1470	15240	49	15289	2511	17800	49.99
3	5346	954	286	6586	1205	3908	0	4575	4829	-1342	15186	49	15235	2348	17583	50.02
4	5259	597	288	6144	937	3920	0	4558	4939	-1225	14715	49	14764	2231	16995	50.00
5	5214	730	288	6232	1174	3941	0	4578	4652	-1211	14788	49	14837	2157	16994	50.00
6	5176	806	290	6272	1178	3910	0	4679	4866	-1220	15006	68	15074	2156	17230	50.02
7	5164	967	284	6415	1125	3917	9	4626	4220	-1005	14681	92	14773	2111	16884	50.08
8	5436	736	278	6450	737	3973	40	4681	4727	-919	15008	99	15107	2215	17322	50.01
9	5604	722	274	6600	653	4113	95	4983	5011	-1269	15203	111	15314	2508	17822	49.98
10	5701	1363	270	7334	503	4143	143	4965	5375	-1623	15875	179	16054	2856	18910	49.91
11	5542	1807	272	7621	437	4264	170	5035	5542	-1698	16336	414	16750	3196	19946	49.97
12	5507	1757	270	7534	440	4438	198	5329	5120	-1670	16060	306	16366	3276	19642	49.95
13	5541	1765	270	7576	630	4332	202	5319	5203	-1701	16242	166	16408	3335	19743	49.89
14	5614	1619	272	7505	681	4433	181	5345	4557	-1642	15715	92	15807	3252	19059	49.93
15	5550	1462	272	7284	753	4405	163	5374	5683	-1701	16587	83	16670	3324	19994	49.88
16	5430	1672	274	7376	894	4416	132	5172	5398	-1724	16492	228	16720	3345	20065	49.92
17	5372	1751	274	7397	879	4365	82	4849	4804	-1660	15867	370	16237	3283	19520	50.00
18	5272	951	276	6499	760	4349	31	4516	4933	-1599	14973	234	15207	3149	18356	50.01
19	5105	1074	276	6455	901	4177	3	3947	3535	-1507	13564	82	13646	2923	16569	49.99
20	5098	1592	276	6966	1019	4262	0	4080	4717	-1517	15447	57	15504	2931	18435	49.85
21	5318	1299	276	6893	969	4356	0	4549	4177	-1545	14850	54	14904	2895	17799	49.90
22	5287	1042	276	6605	919	4403	0	4565	4685	-1541	15071	50	15121	2780	17901	49.94
23	5349	1317	277	6943	951	4439	0	4477	4271	-1598	15006	50	15056	2797	17853	49.87
24	5375	1557	276	7208	875	4444	0	4533	4988	-1631	15884	50	15934	2800	18734	49.95
MUs	129.30	29.97	6.67	165.93	20.94	100.79	1.45	114.21	115.85	-35.63	369.33	3.05	372.38	67.07	439.45	49.96

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 20/May/2015

Position as on 6.30 Hrs of 21/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.	Refuelling 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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	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		Continued.	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 20/May/2015

Statement-VII

Position as on 6.30 Hrs of 21/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							
Kolhapur Mapusa II	InterState	19/05/2015	16.42	20/05/2015	08.38	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	19/05/2015	18.04	20/05/2015	10.44	HT	Over Voltage
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.
Kolhapur Mapusa I	InterState	20/05/2015	17.57	20/05/2015	20.11	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	21/05/2015	10.49		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) 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
Padghe - Kharghar	IntraState	20/05/2015	08.50	20/05/2015	16.50	PO	Shifted on TBC.
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 Kv 600 MVA ICT-II @Kalwa	IntraState	20/05/2015	06.42	20/05/2015	08.17	PO	Backup relay testing for load trimming sceheme.
400/220 KV 500 MVA ICT- I @Warora	IntraState	20/05/2015	11.42	20/05/2015	21.09	PO	Maint.work.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	20/05/2015	16.40	20/05/2015	20.06	PO	Testing work.
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.
Padghe - Kamba	IntraState	20/05/2015	06.40	20/05/2015	09.18	T	Bus Bar Optd at Kamba S/S.
Kamba - Kolshet	IntraState	20/05/2015	06.40	20/05/2015	09.25	T	Bus Bar Optd at Kamba S/S.
Taloja li - Ocil 1	IntraState	20/05/2015	07.25	20/05/2015	18.30	PO	Maint.work.
Pedambe-Nerle	IntraState	20/05/2015	07.30	20/05/2015	15.35	PO	Maint.work.
Pedhambe - Oni	IntraState	20/05/2015	09.05	20/05/2015	19.35	PO	Repl of conductor.
Ghodbunder MSETCL Boisar line	IntraState	20/05/2015	09.20	21/05/2015	13.15	T	To control line loading.
Parli 3(Old Gcr)-Parli Newtps Ckt-2	IntraState	20/05/2015	09.22	20/05/2015	11.38	PO	Attending Hot Spot

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/May/2015

Statement-VII

Position as on 6.30 Hrs of 21/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Loteparshuram- Dasturi Line	IntraState	20/05/2015	12.14	20/05/2015	16.14	PO	Attending Hot Spot
Kamba - Kolshet	IntraState	20/05/2015	13.00	20/05/2015	17.19	PO	Bus Bar Testing Work.
Apta - Hoc	IntraState	20/05/2015	13.34	20/05/2015	16.35	PO	Tan delta,Testing work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	21/05/2015	02.35	21/05/2015	14.18	T	Y-Ph CT Burst.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	21/05/2015	02.35	21/05/2015	03.13	T	Distance Protection
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
132 KV LINE Outages/Trippings							
Khapri-Besa	IntraState	19/05/2015	21.05	20/05/2015	10.20	T	Distance Protection

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