

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.113	452.356	1) Gujrat	-2.272	-17.270
2) Hydro	25.071	68.143	2) Madhya Pradesh	15.171	52.005
3) Gas	6.674	26.507	3) Chattisgarh	5.550	21.920
Total MSPGCL	137.858	547.006	4) Maharashtra Net	104.476	404.361
B) 1) APLM	53.980	219.970	5) Goa	-7.480	-30.070
2) JSWEL	23.681	97.062	6) TAPS 1&2 Injection	3.605	13.927
3) VIPL	12.052	43.745	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.780	22.370	8) Pench (MS)	0.070	0.238
5) WPCL	6.890	32.947	9) Pench (Excess)	-0.070	-0.238
6) Other IPP	6.207	25.566	Total	118.980	444.635
C) 1) TPCL Thermal	17.564	61.879	a) Mumbai Schedule	27.006	97.908
2) TPCL Hydro	3.851	8.092	b) Mumbai Drawl	27.314	104.687
3) TPCL Gas	2.526	11.889	c) MSEDCL Bilateral *	30.950	124.066
4) R-INFRA Thermal	12.201	46.769	Include PX	0.367	5.127
D) STATE			d) Mumbai Bilateral *	27.006	97.908
1) Thermal	244.468	1002.664	Include PX	0.876	5.317
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	28.922	76.235	H) ENERGY CATERED (MUs)		
3) Gas	9.200	38.396	1) MSEDCL	355.242	1398.962
4) Wind	15.982	65.110	2) Mumbai Discoms	63.453	233.314
6) SOLAR	1.146	5.000	TOTAL STATE	418.695	1632.276
TOTAL STATE	299.718	1187.405			

* 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 5 Hrs
MSPGCL Thermal	4630	4664	4137	4257
MSPGCL Hydro	1629	2116	539	325
MSPGCL Gas	280	274	275	283
MSPGCL Total Generation	6539	7054	4951	4865
Central Sector Receipt	5445	5566	4521	4556
WIND	643	280	692	816
CPP / IPP	4972	4928	4850	4534
SOLAR	140	85	0	0
Exchange with Mumbai	-1372	-1392	-1226	-635
MSEDCL DEMAND MET	16367	16521	13788	14136
Load Shedding	47	41	41	47
MSEDCL DEMAND	16414	16562	13829	14183
TPCL GENERATION	1061	1215	1162	835
R-INFRA GENERATION	509	507	516	520
MUMBAI DEMAND	2942	3114	2904	1990
STATE DEMAND MET	19309	19635	16692	16126
STATE DEMAND	19356	19676	16733	16173
Frequency (Hz)	49.92	50.00	49.88	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:01 Hrs	49.57 Hz at 22:13 Hrs	49.92	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 04/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.62	12.79	160	118
Unit 6	0.00	0.00	0	0
Unit 7	3.73	14.63	165	125
Total	7.34	27.42		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.40	40.74	510	0
Unit 5	10.67	39.80	500	320
Total	20.07	80.54		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.48	14.02	152	140
Unit 6	5.36	20.79	250	190
Unit 7	5.54	21.32	250	186
Total	14.39	65.28		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.23	0.23	65	0
Unit 3	4.59	17.73	200	160
Unit 4	4.03	16.71	188	0
Unit 5	0.00	1.63	0	0
Unit 6	0.00	13.39	0	0
Unit 7	8.52	36.90	430	302
Total	17.38	86.60		
Paras				
Unit 3	4.56	20.58	219	139
Unit 4	5.08	21.67	245	193
Total	9.64	42.25		
Khaparkheda				
Unit 1	4.28	16.40	200	140
Unit 2	3.84	14.52	180	125
Unit 3	4.32	16.34	190	153
Unit 4	4.20	17.15	185	156
Unit 5	11.75	44.92	505	421
Total	28.38	109.33		
Nasik				
Unit 3	4.46	17.96	195	175
Unit 4	4.44	17.71	200	170
Unit 5	0.00	5.27	0	0
Total	8.91	40.93		
Uran				
All Units	6.67	26.51	286	266
Total	6.67	26.51		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.07	0.24	47	0
Total	0.07	0.24		
Koyna				
Stage 1-2	5.21	18.14	435	35
Stage 4	11.31	23.47	1120	0
Stage 3	3.54	8.96	320	0
Total	20.07	50.58		
Hydro				
KDPH	0.70	1.98	35	18
VTRNA	0.81	3.64	61	0
TILLARI	0.38	1.48	64	0
BHTGR/VEER	0.07	0.27	3	2
BHIRA T.R.	0.05	0.25	40	0
RNGR+BHTSA	0.26	0.81	11	10
BHANDARDRA	0.39	1.65	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.88	3.44	43	34
GHATGHAR	1.46	4.03	250	0
Total	5.00	17.57		
Wind				
Total	15.98	65.11	0	0
Total	15.98	65.11		
CPP				
APML(Mus)	53.98	219.97	0	0
JSWEL(Mus)	23.68	97.06	0	0
VIPL(Mus)	12.05	43.74	0	0
RPLAMT(Mus)	5.78	22.37	0	0
WPCL(Mus)	6.89	32.95	0	0
Other(Mus)	6.21	25.57	0	0
Total	108.59	441.66		
SOLAR				
Total	1.15	5.00	0	0
Total	1.15	5.00		
Tata				
Trombay 5	11.57	37.97	493	449
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	6.91	60	59
Trombay 7B	1.09	4.98	49	32
Trombay 8	6.00	23.91	252	248
TATA Hydro	3.85	8.09	365	0
Total	23.94	81.86		
R-INFRA				
1-2	12.20	46.77	521	393
Total	12.20	46.77		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	106.11	452.36
MSPGCL Thml+Gas	112.79	478.86

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	25.07	68.14
MSPGCL Total	137.86	547.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	16.52	41.62
State Total	299.72	1187.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/May/2015

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	4260	1069	280	5609	1080	4513	0	4507	5296	-1081	15417	65	15482	2491	17973	49.89
2	4246	1014	280	5540	1107	4648	0	4442	4709	-945	15059	47	15106	2294	17400	49.92
3	4291	665	281	5237	959	4509	0	4333	4391	-825	14271	47	14318	2150	16468	49.93
4	4247	507	281	5035	882	4510	0	4310	4590	-690	14327	47	14374	2042	16416	49.96
5	4257	325	283	4865	816	4534	0	4296	4556	-635	14136	47	14183	1990	16173	49.96
6	4466	478	284	5228	733	4742	0	4331	4607	-646	14664	47	14711	2007	16718	49.98
7	4526	574	286	5386	639	4789	3	4436	4649	-636	14830	47	14877	1995	16872	49.99
8	4549	638	283	5470	486	4752	32	4647	4940	-716	14964	47	15011	2082	17093	49.98
9	4563	730	285	5578	429	4714	79	4873	5090	-967	14923	47	14970	2342	17312	49.94
10	4616	1229	284	6129	671	5024	129	5089	5508	-1237	16224	47	16271	2767	19038	49.91
11	4630	1629	280	6539	643	4972	140	5308	5445	-1372	16367	47	16414	2942	19356	49.92
12	4573	1365	278	6216	625	4886	165	5395	5497	-1381	16008	47	16055	3055	19110	49.96
13	4573	1387	278	6238	423	4756	165	5323	5706	-1386	15902	47	15949	3087	19036	49.92
14	4623	1877	273	6773	341	4656	156	5250	5090	-1392	15624	41	15665	3027	18692	49.90
15	4667	2018	266	6951	279	4842	130	5374	5290	-1459	16033	41	16074	3102	19176	49.86
16	4664	2116	274	7054	280	4928	85	5344	5566	-1392	16521	41	16562	3114	19676	50.00
17	4618	1770	273	6661	471	4699	38	5088	5084	-1386	15567	41	15608	3093	18701	49.95
18	4482	710	275	5467	471	4663	22	4506	4284	-1391	13516	41	13557	3024	16581	49.99
19	4161	406	274	4841	450	4836	2	4007	4279	-1300	13108	41	13149	2871	16020	49.95
20	4137	539	275	4951	692	4850	0	4701	4521	-1226	13788	41	13829	2904	16733	49.88
21	4338	333	275	4946	943	3389	0	4905	4775	-1386	12667	41	12708	2819	15527	49.96
22	4084	309	274	4667	1088	3246	0	4704	5109	-1350	12760	41	12801	2732	15533	49.84
23	4146	1351	274	5771	829	3533	0	4617	5045	-1240	13938	41	13979	2756	16735	49.73
24	4411	2032	278	6721	645	3599	0	4806	4953	-1275	14643	41	14684	2770	17454	49.77
MUs	106.13	25.07	6.67	137.87	15.98	108.59	1.15	114.59	118.98	-27.31	355.26	1.08	356.34	63.46	419.79	49.92

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 04/May/2015

Position as on 6.30 Hrs of 05/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	
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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
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 requirment	
MSPGCL	Koyna Unit 7	80	30/04/2015	10.20	04/05/2015	20.15	Maintenance work	
MSPGCL	Koyna Unit 8	80	30/04/2015	10.25		Continued.	Maintenance work	
MSPGCL	Chandrapur Unit 5	500	01/05/2015	04.30		Continued.	Air heater problem	
MSPGCL	Nasik Unit 5	210	02/05/2015	05.25		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	02/05/2015	11.29		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	03/05/2015	13.00		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
MSPGCL	Chandrapur Unit 2	210	04/05/2015	06.08	04/05/2015	19.55	Gen prot optd.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/May/2015

Position as on 6.30 Hrs of 05/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	04/05/2015	17.41	04/05/2015	20.00	Gen Prot Optd.	
MSPGCL	Chandrapur Unit 4	210	04/05/2015	21.50	05/05/2015	03.19	Differential Prot.Optd.	
IPP	Adani U-5	660	04/05/2015	21.50		Continued.	SPS Optd.	
IPP	Adani U-3	660	04/05/2015	21.50	05/05/2015	01.08	SPS Optd.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2015

Statement-VII

Position as on 6.30 Hrs of 05/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	IntraState	21/04/2015	00.07		Continued.	HT	To Control Line Loading of Waluj-A'Bad PG
Wardha PG - Aurangabad PG IV	IntraState	21/04/2015	10.33		Continued.	HT	Line Rectification work
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	03/05/2015	16.44	04/05/2015	07.10	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/05/2015	18.27	04/05/2015	07.21	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	04/05/2015	16.28	04/05/2015	17.25	PO	Hot Spot on Y-Ph CT Clamp.A/R out.
Kolhapur Mapusa II	InterState	04/05/2015	18.14	05/05/2015	06.13	HT	Over Voltage
Wardha (PG)-Warora II	InterState	04/05/2015	20.47		Continued.	EO	CB under lockout at Wardha PG end.
Chandrapur-II - Warora - I	InterState	04/05/2015	21.50	05/05/2015	05.03	T	Dist Prot Optd,Z-I R-Ph to earth.
Wardha (Pg) Warora I	InterState	04/05/2015	21.50	04/05/2015	23.09	T	Master Trip Optd,Z-II Auto reclose block.tripped at Warora end only.
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	Over Current Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	01/05/2015	12.16		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	03/05/2015	16.35		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	03/05/2015	17.57		Continued.	PO	Over Voltage
Bhusawal-Aurangabad	IntraState	03/05/2015	18.11	04/05/2015	09.18	HT	Over Voltage
Chandrapur-Parali 1	IntraState	04/05/2015	12.41	04/05/2015	13.17	T	Carrier Prot Optd.
karad -kolhapur-I	IntraState	04/05/2015	16.34		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/05/2015	16.41		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/05/2015	17.45		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	04/05/2015	18.18	04/05/2015	18.49	T	Distance Protection
Chandrapur II- Warora ckt II	IntraState	04/05/2015	21.50	05/05/2015	00.04	T	Master Trip Optd,R-Ph auto reclose block.
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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Deepnagar Amalner	IntraState	02/05/2015	17.55		Continued.	T	Distance Protection Operated Zone-I.
Ambazari-Amravati	IntraState	04/05/2015	00.06	04/05/2015	00.57	T	Distance Protection
Wada - Kolshet	IntraState	04/05/2015	06.27	04/05/2015	Continued.	PO	Construction work.
Koradi-Ambazari-I	IntraState	04/05/2015	07.22	04/05/2015	13.03	PO	To attend Hot Spot
Oni Kharepatan Line	IntraState	04/05/2015	08.52	04/05/2015	17.15	PO	Quarterly Maintainance Work
Nashik-Airoli Knowledge Park	IntraState	04/05/2015	09.50	04/05/2015	18.20	PO	Cold washing of disc insulator string.
Talandage(400kv) - Five Star Midc	IntraState	04/05/2015	10.50	04/05/2015	17.41	PO	Q.M. & Diagnostic testing work.
Wadkhal - Ndil3	IntraState	04/05/2015	11.35	04/05/2015	17.25	PO	Crane movement work.
Theur-Jejuri	IntraState	04/05/2015	12.01	04/05/2015	18.20	PO	Relay testing work.
Nasik - Raymond	IntraState	04/05/2015	13.34	04/05/2015	15.03	EO	R-Ph CT oil leakage.
Wardha-Yeotmal	IntraState	04/05/2015	21.28		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							

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 04/May/2015

Statement-VII

Position as on 6.30 Hrs of 05/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault