

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Apr/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.908	596.571	1) Gujrat	1.510	-1.676
2) Hydro	22.499	96.273	2) Madhya Pradesh	19.426	91.086
3) Gas	3.463	31.924	3) Chattisgarh	5.310	26.590
Total MSPGCL	150.870	724.768	4) Maharashtra Net	73.856	404.190
B) 1) APLM	44.960	242.060	5) Goa	-5.680	-31.138
2) JSWEL	21.438	108.029	6) TAPS 1&2 Injection	3.607	18.046
3) VIPL	11.168	51.404	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	9.580	59.950	8) Pench (MS)	0.286	0.462
5) WPCL	2.704	13.658	9) Pench (Excess)	-0.286	-0.462
6) Other IPP	8.317	44.861	Total	97.743	506.636
C) 1) TPCL Thermal	19.979	97.209	a) Mumbai Schedule	18.310	100.531
2) TPCL Hydro	0.174	11.265	b) Mumbai Drawl	16.908	107.887
3) TPCL Gas	2.231	12.916	c) MSEDCL Bilateral *	21.422	108.444
4) R-INFRA Thermal	11.683	56.746	Include PX	-4.664	-19.767
D) STATE			d) Mumbai Bilateral *	18.310	100.531
1) Thermal	254.737	1270.488	Include PX	-0.066	1.001
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	22.673	107.538	H) ENERGY CATERED (MUs)		
3) Gas	5.694	44.840	1) MSEDCL	344.151	1726.223
4) Wind	13.011	75.312	2) Mumbai Discoms	50.974	286.021
6) SOLAR	1.268	6.970	TOTAL STATE	395.125	2012.244
TOTAL STATE	297.383	1505.148			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5419	5482	5027	5104
MSPGCL Hydro	1975	1635	1133	619
MSPGCL Gas	140	140	143	148
MSPGCL Total Generation	7534	7257	6303	5871
Central Sector Receipt	4704	3988	4297	3121
WIND	197	420	713	574
CPP / IPP	4158	4154	4023	4001
SOLAR	183	176	0	0
Exchange with Mumbai	-688	-723	-1149	-480
MSEDCL DEMAND MET	16088	15272	14187	13087
Load Shedding	47	48	39	44
MSEDCL DEMAND	16135	15320	14226	13131
TPCL GENERATION	1007	983	782	967
R-INFRA GENERATION	517	517	379	517
MUMBAI DEMAND	2261	2248	2360	1964
STATE DEMAND MET	18349	17520	16547	15051
STATE DEMAND	18396	17568	16586	15095
Frequency (Hz)	50.03	49.97	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 06.00 Hrs	49.64 Hz at 21.07 Hrs	50	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 05/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.34	7.08	168	0
Unit 6	0.00	0.00	0	0
Unit 7	4.17	20.22	182	160
Total	7.50	27.30		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	20.48	180	160
Unit 4	10.10	39.34	505	285
Unit 5	10.32	48.92	500	300
Total	24.52	108.74		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.25	0	0
Unit 5	3.53	17.56	155	140
Unit 6	4.81	23.20	250	186
Unit 7	4.79	23.69	252	187
Total	13.13	73.70		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.31	16.45	144	135
Unit 3	4.68	21.86	209	169
Unit 4	4.46	21.33	191	168
Unit 5	9.82	47.89	430	365
Unit 6	9.40	46.63	425	369
Unit 7	9.98	44.50	445	370
Total	41.64	198.66		
Paras				
Unit 3	5.12	25.09	224	204
Unit 4	0.00	0.00	0	0
Total	5.12	25.09		
Khaparkheda				
Unit 1	4.50	21.03	195	165
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	3.52	14.80	191	0
Unit 5	11.83	54.26	500	470
Total	19.85	101.91		
Nasik				
Unit 3	4.42	22.55	190	175
Unit 4	4.38	22.26	187	173
Unit 5	4.35	16.37	183	178
Total	13.14	61.17		
Uran				
All Units	3.46	31.92	149	139
Total	3.46	31.92		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.29	0.46	50	0
Total	0.29	0.46		
Koyna				
Stage 1-2	4.62	23.51	520	40
Stage 4	10.27	33.76	1062	0
Stage 3	3.17	12.46	240	0
Total	18.05	69.73		
Hydro				
KDPH	0.44	3.66	19	18
VTRNA	1.07	5.82	61	0
TILLARI	0.38	1.89	64	0
BHTGR/VEER	0.06	0.29	3	2
BHIRA T.R.	0.10	0.80	40	0
RNGR+BHTSA	0.30	0.84	13	12
BHANDARDRA	0.53	2.50	45	11
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.97	4.74	41	40
GHATGHAR	0.61	5.28	125	0
Total	4.45	26.54		
Wind				
Total	13.01	75.31	0	0
Total	13.01	75.31		
CPP				
APML(Mus)	44.96	242.06	0	0
JSWEL(Mus)	21.44	108.03	0	0
VIPL(Mus)	11.17	51.40	0	0
RPLAMT(Mus)	9.58	59.95	0	0
WPCL(Mus)	2.70	13.66	0	0
Other(Mus)	8.32	44.86	0	0
Total	98.17	519.96		
SOLAR				
Total	1.27	6.97	0	0
Total	1.27	6.97		
Tata				
Trombay 5	10.69	51.51	492	313
Trombay 6	3.50	17.53	148	145
Trombay 7A	1.23	7.23	60	49
Trombay 7B	1.00	5.68	49	40
Trombay 8	5.79	28.16	251	201
TATA Hydro	0.17	11.26	75	0
Total	22.38	121.39		
R-INFRA				
1-2	11.68	56.75	520	379
Total	11.68	56.75		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.91	596.57
MSPGCL Thml+Gas	128.37	628.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.50	96.27
MSPGCL Total	150.87	724.77

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.89	57.27
State Total	297.38	1505.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Apr/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	5028	1337	146	6511	625	3929	0	3751	3861	-766	14160	60	14220	2278	16498	49.91
2	5142	956	147	6245	578	4022	0	3530	3745	-591	13999	44	14043	2086	16129	49.95
3	5104	619	148	5871	574	4001	0	3530	3121	-480	13087	44	13131	1964	15095	49.95
4	5212	713	148	6073	550	4008	0	3530	3567	-405	13793	44	13837	1890	15727	50.03
5	5224	636	148	6008	562	4037	0	3530	3236	-340	13503	44	13547	1855	15402	49.99
6	5193	473	149	5815	530	4095	0	3834	3897	-395	13942	47	13989	1905	15894	50.00
7	5284	802	148	6234	379	4201	1	3965	3934	-388	14361	48	14409	1890	16299	50.11
8	5463	1157	149	6769	299	4223	30	3982	3906	-389	14838	48	14886	1886	16772	50.09
9	5423	1115	148	6686	257	4148	80	4016	4597	-458	15310	48	15358	1954	17312	50.04
10	5399	1212	142	6753	231	4199	120	4326	4771	-588	15486	47	15533	2078	17611	50.02
11	5399	1396	142	6937	227	4196	146	4285	4801	-675	15632	47	15679	2193	17872	49.91
12	5419	1975	140	7534	197	4158	183	4394	4704	-688	16088	47	16135	2261	18396	50.03
13	5482	1635	140	7257	420	4154	176	4305	3988	-723	15272	48	15320	2248	17568	49.97
14	5467	889	139	6495	647	4185	157	4304	4496	-696	15284	39	15323	2192	17515	50.02
15	5459	485	139	6083	722	4171	152	4326	4685	-679	15134	36	15170	2167	17337	49.98
16	5371	491	141	6003	799	4185	123	4346	4736	-717	15129	36	15165	2169	17334	50.03
17	5336	300	142	5778	811	4148	66	4163	4462	-701	14564	38	14602	2135	16737	49.99
18	5131	192	143	5466	847	4131	32	3351	3480	-892	13064	38	13102	2071	15173	50.07
19	5024	381	143	5548	798	4063	2	3037	3556	-988	12979	37	13016	2145	15161	50.05
20	5027	1133	143	6303	713	4023	0	3798	4297	-1149	14187	39	14226	2360	16586	49.99
21	5032	1014	144	6190	705	4121	0	3689	3912	-1140	13788	39	13827	2399	16226	49.99
22	4780	967	144	5891	566	4054	0	3601	3907	-1174	13244	39	13283	2363	15646	49.96
23	4753	1131	145	6029	470	3884	0	3510	4313	-1060	13636	39	13675	2374	16049	49.95
24	4758	1490	145	6393	504	3831	0	3565	3770	-826	13672	39	13711	2398	16109	49.94
MUs	124.91	22.50	3.46	150.87	13.01	98.17	1.27	92.67	97.74	-16.91	344.15	1.03	345.19	51.26	396.45	50.00

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 05/Apr/2015

Position as on 6.30 Hrs of 06/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkhedha Unit 2	210	01/04/2015	03.16		Continued.	Annual Overhaul	
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	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
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	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
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	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50		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.	
MSPGCL	Parli Unit 4	210	03/04/2015	22.10		Continued.	Condenser Tube Leakage Withdrawn.	
IPP	Adani U-3	660	04/04/2015	02.12		Continued.	Due to Main Steam drain line leakage.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39		Continued.	Gas shortage	
CENT.SECTOR	TARAPUR-3	540	04/04/2015	20.15		Continued.	Reheater Problem	
MSPGCL	Khaparkhedha Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Apr/2015

Position as on 6.30 Hrs of 06/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	05/04/2015	21.18		Continued.	Fire at HP turbine side.	
MSPGCL	Koradi Unit 5	200	05/04/2015	21.27		Continued.	L.T.Board Supply Fail.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 06/Apr/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)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha(PG)-Aurangabad(PG) I	InterState	04/04/2015	22.35	05/04/2015	08.38	HT	To Control Overload of 400kv A'bad. A'bad CKT II.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Waluj Aurangabad(PG)- I	InterState	04/04/2015	22.44	05/04/2015	08.02	PO	Attending Main Breaker Problem at A'bad end.
Dhule Sar'Sarovar II	InterState	05/04/2015	14.17		Continued.	PO	To attend hot spot at SSP end.
Kolhapur Mapusa I	InterState	05/04/2015	16.40		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	04/04/2015	16.43	05/04/2015	06.33	HT	Over Voltage
karad -kolhapur-I	IntraState	04/04/2015	17.17	05/04/2015	08.54	T	Distance Protection R-Ph zone II.
Karad-Jaigad - I	IntraState	04/04/2015	19.41	05/04/2015	09.58	HT	Over Voltage
karad -kolhapur-II	IntraState	05/04/2015	16.11		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/04/2015	16.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/04/2015	18.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2015	21.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	03/04/2015	10.57		Continued.	PO	Attending Oil Leakages of ICT
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	05/04/2015	06.56	05/04/2015	22.55	PO	Repl of Y-Ph Tert bushing,oil filtration work.
220 KV LINE Outages/Trippings							
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03	05/04/2015	16.48	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).open at location 14 b
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
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	05/04/2015	Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Kharghar - Nerul	IntraState	05/04/2015	09.30	05/04/2015	14.01	PO	CT Oil leakage.
Kalwa-Salsette-IV	IntraState	05/04/2015	23.30	06/04/2015	04.00	PO	Relay testing by TATA.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	05/04/2015	09.30	05/04/2015	18.10	PO	LV Side B-Ph CT Oil leakage.

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