

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/May/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.298	594.586	1) Gujrat	-2.729	-15.075
2) Hydro	7.503	49.807	2) Madhya Pradesh	10.933	67.210
3) Gas	10.620	52.650	3) Chattisgarh	6.390	32.480
Total MSPGCL	150.421	697.043	4) Maharashtra Net	97.950	452.727
B) 1) APMIL	47.874	244.279	5) Goa (Amona)	-0.610	-2.852
2) JSWEL	28.566	138.094	6) TAPS 1&2 Injection	0.000	10.368
3) VIPL	12.752	64.150	7) RGPPL Injection	11.333	57.651
4) RPL(AMT)	15.690	81.787	8) Pench (MS)	0.011	0.205
5) WPCL	2.750	16.890	9) Pench (Excess)	-0.011	-0.205
6) Other IPP	5.596	27.305	Total	123.256	602.304
C) 1) TPCL Thermal	15.000	74.705	a) Mumbai Schedule	26.063	121.670
2) TPCL Hydro	3.195	14.963	b) Mumbai Drawl	31.323	145.766
3) TPCL Gas	4.031	21.044	c) MSEDCL Bilateral *	33.037	152.643
4) R-INFRA Thermal	11.090	55.350	Include PX	0.000	-1.741
D) STATE			d) Mumbai Bilateral *	26.063	121.670
1) Thermal	271.616	1297.146	Include PX	2.207	9.725
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.698	64.770	H) ENERGY CATERED (MUs)		
3) Gas	14.651	73.694	1) MSEDCL	368.389	1814.830
4) Wind	11.259	81.477	2) Mumbai Discoms	64.636	311.795
6) SOLAR	1.548	7.267	TOTAL STATE	433.025	2126.625
TOTAL STATE	309.772	1524.354			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5921	5857	5256	5346
MSPGCL Hydro	651	730	155	92
MSPGCL Gas	454	435	441	448
MSPGCL Total Generation	7026	7022	5852	5886
Central Sector Receipt	5542	5516	5381	4645
WIND	128	27	649	540
CPP / IPP	4996	5017	4337	4785
SOLAR	199	212	0	0
Exchange with Mumbai	-1401	-1435	-1296	-1018
MSEDCL DEMAND MET	16490	16359	14923	14838
Load Shedding	0	0	0	0
MSEDCL DEMAND	16490	16359	14923	14838
TPCL GENERATION	1179	1236	1069	662
R-INFRA GENERATION	498	503	510	402
MUMBAI DEMAND	3078	3174	2875	2082
STATE DEMAND MET	19568	19533	17798	16920
STATE DEMAND	19568	19533	17798	16920
Frequency (Hz)	50.00	49.96	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18:04 Hrs	49.81 Hz at 13:11 Hrs	49.99	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/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.40	42.45	354	350
Total	8.40	42.45		
Bhusawal				
Unit 2	3.00	15.64	135	115
Unit 3	3.92	19.22	180	140
Unit 4	10.04	50.56	500	350
Unit 5	10.00	50.97	510	350
Total	26.96	136.39		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.45	22.19	202	163
Unit 4	4.33	21.65	187	170
Unit 5	9.30	47.72	415	354
Unit 6	10.74	52.93	480	360
Unit 7	9.73	26.72	431	355
Total	38.55	171.20		
Paras				
Unit 3	5.19	27.24	244	191
Unit 4	5.42	27.81	249	190
Total	10.60	55.05		
Khaparkheda				
Unit 1	3.86	19.42	170	150
Unit 2	4.00	19.94	180	155
Unit 3	4.27	21.45	210	161
Unit 4	4.02	21.16	210	145
Unit 5	10.29	28.12	500	370
Total	26.45	110.09		
Nasik				
Unit 3	4.18	20.81	200	160
Unit 4	4.13	20.77	195	159
Unit 5	4.15	20.97	192	161
Total	12.45	62.55		
Uran				
All Units	10.62	52.65	460	422
Total	10.62	52.65		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.01	0.20	11	0
Total	0.01	0.20		
Koyna				
Stage 1-2	2.86	17.96	460	40
Stage 4	0.62	13.60	380	0
Stage 3	1.27	7.06	160	0
Total	4.75	38.61		
Hydro				
KDPH	0.58	2.99	25	24
VTRNA	0.00	0.29	0	0
TILLARI	0.36	1.58	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.83	40	0
RNGR+BHTSA	0.26	1.00	11	10
BHANDARDRA	0.12	0.67	6	5
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	0.60	11	10
GHATGHAR	0.92	3.24	257	0
Total	2.75	11.20		
Wind				
Total	11.26	81.48	0	0
Total	11.26	81.48		
CPP				
APML(Mus)	47.87	244.28	0	0
JSWEL(Mus)	28.57	138.09	0	0
VIPL(Mus)	12.75	64.15	0	0
RPLAMT(Mus)	15.69	81.79	0	0
WPCL(Mus)	2.75	16.89	0	0
Other(Mus)	5.60	27.30	0	0
Total	113.23	572.50		
SOLAR				
Total	1.55	7.27	0	0
Total	1.55	7.27		
Tata				
Trombay 5	9.31	46.22	443	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	13.72	119	104
Trombay 7B	1.32	7.33	67	25
Trombay 8	5.69	28.49	249	201
TATA Hydro	3.20	14.96	383	19
Total	22.23	110.71		
R-INFRA				
1-2	11.09	55.35	514	402
Total	11.09	55.35		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 8	0.00	0.00
Chandrapur 9	0.00	0.00
Koradi 9	8.88	16.85
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	132.30	594.59
MSPGCL Thml+Gas	142.92	647.24
MSPGCL Hydro	7.50	49.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	150.42	697.04
Koyna 1,2 & 4 Total	3.48	31.55
State Total	309.77	1524.35

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/May/2016

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	5794	197	435	6426	675	4858	0	5357	5147	-1294	15812	0	15812	2571	18383	50.00
2	5788	92	458	6338	666	4814	0	5264	4727	-1084	15461	0	15461	2383	17844	50.00
3	5381	92	435	5908	654	4827	0	5119	4759	-1065	15083	0	15083	2183	17266	50.01
4	5346	92	448	5886	540	4785	0	5098	4645	-1018	14838	0	14838	2082	16920	50.00
5	5339	91	445	5875	510	4692	0	5105	4965	-975	15067	0	15067	2028	17095	49.97
6	5333	95	451	5879	503	4618	0	5177	5338	-1002	15336	0	15336	2057	17393	49.96
7	5438	245	454	6137	452	4677	6	5199	5153	-881	15544	0	15544	2045	17589	50.01
8	5171	170	460	5801	368	4769	53	5251	5362	-908	15445	0	15445	2171	17616	50.04
9	5309	255	450	6014	271	4778	106	5458	5695	-1233	15631	0	15631	2523	18154	49.99
10	5805	376	445	6626	208	4971	158	5581	5743	-1321	16385	0	16385	2835	19220	49.98
11	5921	651	454	7026	128	4996	199	5647	5542	-1401	16490	0	16490	3078	19568	50.00
12	5844	801	430	7075	56	5060	219	5730	5155	-1433	16132	0	16132	3171	19303	49.97
13	5857	730	435	7022	27	5017	212	5713	5516	-1435	16359	0	16359	3174	19533	49.96
14	5833	411	422	6666	67	5037	200	5652	5351	-1408	15913	0	15913	3117	19030	49.92
15	5799	551	434	6784	175	5035	170	5691	5598	-1449	16313	0	16313	3172	19485	49.91
16	5809	731	433	6973	384	5017	114	5711	4901	-1530	15859	0	15859	3177	19036	49.97
17	5627	518	438	6583	610	4828	75	5608	5159	-1585	15670	0	15670	3173	18843	50.00
18	5155	184	437	5776	794	4405	33	5469	5066	-1518	14556	0	14556	3048	17604	50.04
19	5153	150	444	5747	632	4283	3	4906	4588	-1435	13818	0	13818	2889	16707	50.02
20	5256	155	441	5852	649	4337	0	5008	5381	-1296	14923	0	14923	2875	17798	49.95
21	5312	155	444	5911	840	4304	0	5210	5198	-1459	14794	0	14794	2825	17619	49.99
22	5296	90	441	5827	690	4300	0	5141	4496	-1563	13750	0	13750	2731	16481	50.00
23	5227	210	442	5879	654	4336	0	5116	5032	-1565	14336	0	14336	2664	17000	49.97
24	5505	461	444	6410	706	4483	0	4939	4739	-1465	14873	0	14873	2667	17540	49.98
MUs	132.30	7.50	10.62	150.42	11.26	113.23	1.55	128.15	123.26	-31.32	368.39	0.00	368.39	64.64	433.03	49.99

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/May/2016

Position as on 6.30 Hrs of 06/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
RGPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
CENT.SECTOR	Tarapur 1	160	04/05/2016	00.20		Continued.	Mandatory surveillance checks,Main condenser tube leak check	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2016

Statement-VII

Position as on 6.30 Hrs of 06/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	04/05/2016	12.53		Continued.	PO	Retrofitting of Main Protection.
Dabhol New koyna I	InterState	05/05/2016	06.34	05/05/2016	18.54	PO	Insulator String Replacement Work.
Chandrapur Bhadravati IV	InterState	05/05/2016	19.55	05/05/2016	21.55	T	Distance Protection
Dabhol New koyna I	InterState	06/05/2016	06.39		Continued.	PO	Replacement of Insulator.
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorientation.
karad -kolhapur-I	IntraState	04/05/2016	16.29	05/05/2016	08.19	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/05/2016	17.11	05/05/2016	09.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/05/2016	17.14	05/05/2016	07.04	HT	Over Voltage
Koradi 2-IEPL	IntraState	04/05/2016	20.36	05/05/2016	16.11	EO	Attending the Work of B Ph LA.Work @ IEPL End.
Warora -IEPL	IntraState	04/05/2016	20.41	05/05/2016	16.02	EO	Attending the Work of B Ph LA.Work @ IEPL End.
Parly(MS)- Nanded	IntraState	05/05/2016	08.42	05/05/2016	17.08	PO	Quarterly Maintenance Work
Jaigad-New Koyna Ckt-I	IntraState	05/05/2016	12.14	05/05/2016	21.08	EO	Insulator Replacement Work.
karad -kolhapur-I	IntraState	05/05/2016	17.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/05/2016	18.33		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/05/2016	22.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	02/05/2016	10.48		Continued.	PO	Repl.of 33KV Tertiry y phase unit Bushing
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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 de-energising 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 de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar - Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Osmanabad - Solapur (Bale)	IntraState	05/05/2016	09.19	05/05/2016	16.06	PO	Line Maintenance work
Loteaparshuram- Dasturi Line	IntraState	05/05/2016	11.22	05/05/2016	16.42	PO	Routine Maintenance Work
Pirangut - Hinjawadi 2	IntraState	05/05/2016	12.20	05/05/2016	18.44	EO	String Replacement Work.
Wardha- Pgcil(Deoli)	IntraState	05/05/2016	18.36	05/05/2016	19.40	T	Distance Protection
Warora - Wardha	IntraState	05/05/2016	19.25	05/05/2016	22.01	T	R Ph WT to CT Jumper Open @ Wardha End.
Chandrapur MIDC - GEPL Ckt I	IntraState	05/05/2016	19.55	05/05/2016	20.50	T	Distance Protection
Loteaparshuram- Dasturi Line	IntraState	05/05/2016	22.05	06/05/2016	03.20	T	Y Ph L A Burst @ Lote End.
Kamba-Borivali	IntraState	06/05/2016	05.10		Continued.	PO	Attending Hot Spot
Padghe-Kamba II	IntraState	06/05/2016	05.14		Continued.	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)

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 05/May/2016

Statement-VII

Position as on 6.30 Hrs of 06/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	05/05/2016	06.18	05/05/2016	10.49	PO	Pre Monsoon Maintenance Work.
220/132 Kv 200 Mva Vijay Ict 1 @Chalishaon	IntraState	05/05/2016	08.45	05/05/2016	11.58	PO	For Oil Leakage Attending Work from Trriary Bushing & Y Ph HV Bushing Will be done during Outage.
132 KV LINE Outages/Trippings							
Ambazari-Mankapur 1	IntraState	05/05/2016	15.28	05/05/2016	19.05	T	Distance Protection
Mankapur-Uppalwadi	IntraState	05/05/2016	15.32	05/05/2016	19.08	HT	To Control Ambazari-Mankapur-2 Line Loading.
Malkapur - Khamgaon	IntraState	05/05/2016	16.18	05/05/2016	16.26	T	Distance Protection

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