

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 05/Oct/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.517	540.144	1) Gujrat	-1.253	0.564
2) Hydro	17.929	84.019	2) Madhya Pradesh	13.869	81.009
3) Gas	6.357	45.303	3) Chattisgarh	7.130	37.630
Total MSPGCL	132.803	669.466	4) Maharashtra Net	124.726	621.613
B) 1) APML	43.445	199.260	5) Goa (Amona)	-0.088	-0.638
2) JSWEL	28.538	129.857	Total	144.384	740.178
3) VIPL	7.489	36.562	a) Mumbai Schedule	33.430	155.571
4) RPL(AMT)	13.534	71.555	b) Mumbai Drawl	36.415	168.636
5) WPCL	1.864	10.749	c) MSEDCL Bilateral *	26.197	157.467
6) PGPL	0.000	0.000	Include PX	0.000	29.032
7) Other IPP	6.595	31.931	d) Mumbai Bilateral *	33.430	155.571
C) 1) TPCL Thermal	16.758	82.606	Include PX	7.696	42.164
2) TPCL Hydro	6.625	22.701	Include Standby	0.000	0.000
3) TPCL Gas	3.118	15.846	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.013	28.851	1) MSEDCL	351.142	1761.470
D) STATE			2) Mumbai Discoms	68.929	318.640
1) Thermal	232.753	1131.515	TOTAL STATE	420.071	2080.110
(A1+C1+C4+(B1-B6))					
2) Hydro	24.554	106.720			
(A2+C2)					
3) Gas	9.475	61.149			
(A3+B6+C3)					
4) Wind	6.061	28.216			
6) SOLAR	2.844	12.332			
TOTAL STATE	275.687	1339.932			

* 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 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	4422	4803	4706	4348
MSPGCL Hydro	1070	674	875	700
MSPGCL Gas	261	240	264	281
MSPGCL Total Generation	5753	5717	5845	5329
Central Sector Receipt	7048	6597	6257	5721
WIND	334	470	197	256
CPP / IPP Thermal	4229	4228	4240	4278
CPP / IPP Gas	0	0	0	0
SOLAR	408	225	0	0
Exchange with Mumbai	-1831	-1905	-1629	-1509
MSEDCL DEMAND MET	15941	15332	14910	14075
Load Shedding	1478	2519	1501	117
MSEDCL DEMAND	17419	17851	16411	14192
TPCL GENERATION	1323	1251	1285	892
R-INFRA GENERATION	250	250	250	251
MUMBAI DEMAND	3404	3406	3164	2652
STATE DEMAND MET	19345	18738	18074	16727
STATE DEMAND	20823	21257	19575	16844
Frequency (Hz)	49.97	49.95	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.73 Hz at 05.20 Hrs	49.94	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/Oct/2017

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	11.12	54.44	515	410
Unit 9	0.00	0.00	0	0
Unit 10	11.52	44.29	540	348
Total	22.64	98.72		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.47	38.35	350	295
Unit 5	7.60	39.09	350	300
Total	15.07	77.44		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.35	21.74	189	176
Unit 7	3.89	8.96	187	0
Unit 8	0.00	10.92	0	0
Total	8.24	41.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.73	16.23	164	141
Unit 5	8.12	44.46	356	330
Unit 6	8.22	29.44	434	313
Unit 7	8.16	43.70	349	326
Unit 8	4.79	23.89	340	0
Unit 9	6.81	41.69	329	0
Total	39.83	199.42		
Paras				
Unit 3	3.87	19.58	170	150
Unit 4	3.76	19.09	162	145
Total	7.63	38.67		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.29	44.91	365	0
Total	7.29	44.91		
Nasik				
Unit 3	3.80	11.53	207	150
Unit 4	0.00	7.83	0	0
Unit 5	4.02	20.00	172	161
Total	7.82	39.36		
Uran				
All Units	6.36	45.30	282	240
Total	6.36	45.30		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.26	0.26	44	0
Total	0.26	0.26		
Koyna				
Stage 1-2	7.17	29.32	530	40
Stage 4	6.80	35.49	745	0
Stage 3	2.84	13.96	240	0
Total	16.80	78.77		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.00	0.87	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	1.36	80	0
RNGR+BHTSA	0.36	1.68	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	1.10	14	13
GHATGHAR	0.06	0.06	56	0
Total	1.12	5.25		
Wind				
Total	6.06	28.22	0	0
Total	6.06	28.22		
CPP				
APML(Mus)	43.44	199.26	0	0
JSWEL(Mus)	28.54	129.86	0	0
VIPL(Mus)	7.49	36.56	0	0
RPLAMT(Mus)	13.53	71.56	0	0
WPCL(Mus)	1.86	10.75	0	0
Other(Mus)	6.60	31.93	0	0
Total	101.46	479.91		
SOLAR				
Total	2.84	12.33	0	0
Total	2.84	12.33		
Tata				
Trombay 5	10.93	54.13	486	424
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	9.22	102	60
Trombay 7B	1.31	6.63	63	48
Trombay 8	5.83	28.48	247	237
TATA Hydro	6.62	22.70	459	0
Total	26.50	121.15		
R-INFRA				
DTPS U-1&2	6.01	28.85	251	250
Total	6.01	28.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.52	540.14	MSPGCL Total	132.80	669.47
			MSPGCL Thml+Gas	114.87	585.45	Koyna 1,2 & 4 Total	13.96	64.81
			MSPGCL Hydro	17.93	84.02	State Total	275.69	1339.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Oct/2017

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			THM	GAS										
1	4348	700	281	5329	256	4278	0	0	5747	5721	-1509	14075	117	14192	2652	16844	49.96
2	4268	1082	271	5621	288	4275	0	0	5588	5731	-1292	14623	127	14750	2396	17146	49.97
3	4287	1067	272	5626	370	4277	0	0	5496	5709	-1160	14822	135	14957	2240	17197	49.96
4	4329	1123	272	5724	345	4239	0	0	5463	5481	-1064	14725	159	14884	2141	17025	49.90
5	4436	1303	272	6011	249	3911	0	0	5445	5716	-1037	14850	169	15019	2108	17127	49.90
6	4527	1338	282	6147	215	4168	0	0	5461	5892	-1075	15347	424	15771	2137	17908	49.98
7	4546	412	275	5233	187	4233	0	6	5735	5073	-1148	13584	1614	15198	2221	17419	49.94
8	4658	222	272	5152	124	4236	0	88	5748	5732	-1174	14158	1940	16098	2364	18462	49.92
9	4602	133	281	5016	74	4217	0	224	5950	5833	-1377	13987	2351	16338	2590	18928	49.93
10	4577	399	266	5242	67	4221	0	301	6233	6292	-1580	14543	1965	16508	3058	19566	49.96
11	4384	975	253	5612	180	4200	0	386	6417	6719	-1766	15331	1788	17119	3315	20434	49.97
12	4422	1070	261	5753	334	4229	0	408	6860	7048	-1831	15941	1478	17419	3404	20823	49.97
13	4406	138	258	4802	396	4281	0	391	6735	6494	-1799	14565	1388	15953	3385	19338	49.96
14	4435	229	247	4911	520	4290	0	363	6442	6220	-1732	14572	1888	16460	3289	19749	49.93
15	4638	559	251	5448	410	4228	0	304	6576	6604	-1856	15138	2443	17581	3388	20969	49.93
16	4803	674	240	5717	470	4228	0	225	6497	6597	-1905	15332	2519	17851	3406	21257	49.95
17	4783	432	246	5461	336	4227	0	115	6203	5988	-1902	14225	2397	16622	3396	20018	49.95
18	4753	215	259	5227	190	4232	0	33	6104	5998	-1786	13894	2251	16145	3284	19429	49.92
19	4741	961	261	5963	165	4236	0	0	6057	6062	-1706	14720	1027	15747	3226	18973	49.89
20	4706	875	264	5845	197	4240	0	0	6006	6257	-1629	14910	1501	16411	3164	19575	49.98
21	4672	474	267	5413	260	4235	0	0	5698	5829	-1563	14174	1130	15304	3061	18365	49.98
22	4485	965	268	5718	157	4243	0	0	5669	5716	-1503	14331	817	15148	2980	18128	49.93
23	4324	1289	268	5881	119	4231	0	0	5702	6003	-1482	14752	251	15003	2882	17885	49.90
24	4387	1294	270	5951	152	4310	0	0	5599	5668	-1539	14542	230	14772	2842	17614	49.93
MUs	108.52	17.93	6.36	132.80	6.06	101.46	0.00	2.84	143.43	144.38	-36.41	351.14	30.11	381.25	68.93	450.18	49.94

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/Oct/2017

Position as on 6.30 Hrs of 06/Oct/2017

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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Khaparkhedha Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK(Coal Shortage From 11-09-2017)	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00	05/10/2017	11.25	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkhedha Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkhedha Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Oct/2017

Position as on 6.30 Hrs of 06/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	02/10/2017	00.00	06/10/2017	06.09	Coal Shortage	
MSPGCL	Nasik Unit 4	210	03/10/2017	00.08		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit-8	500	03/10/2017	08.45	05/10/2017	07.11	Boiler Tube Leakage	
MSPGCL	Koyna STG- IV Unit - 1	250	03/10/2017	09.00		Continued.	rotor earth fault optd.	
MSPGCL	Parli Unit 8	250	03/10/2017	17.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 7	108	05/10/2017	00.06		Continued.	Gas Turbine Work	
MSPGCL	Uran Unit B0	120	05/10/2017	00.11		Continued.	Gas Turbine Work	
IPP	Adani U-3	660	05/10/2017	04.07		Continued.	Control Valve Problem	
MSPGCL	Khaparkheda Unit 5	500	05/10/2017	09.43	05/10/2017	12.39	Tripped on DCS N/W failed	
MSPGCL	Parli Unit 7	250	05/10/2017	12.20	05/10/2017	14.16	Boiler Tripped	
MSPGCL	Chandrapur Unit 9	500	05/10/2017	21.32		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scrapper chain	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	04/10/2017	12.26	05/10/2017	09.28	T	Distance Protection
Padgha Tarapur I	InterState	04/10/2017	13.28		Continued.	PO	outage By WRLDC
Dhule Sar'Sarovar II	InterState	05/10/2017	18.26		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	03/10/2017	23.26	05/10/2017	10.58	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	04/10/2017	14.55	05/10/2017	00.16	T	Distance Protection
Bhusawal-Aurangabad	IntraState	04/10/2017	21.23	05/10/2017	10.52	HT	Over Voltage
Babhaleshwar - Bhusawal II	IntraState	05/10/2017	17.06	05/10/2017	20.26	PO	Line Signature Analysis Test
Bhusawal-Aurangabad	IntraState	05/10/2017	20.13		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/10/2017	23.23		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Badnera - Deoli (PG)	InterState	05/10/2017	14.06	05/10/2017	14.59	HT	To control Overdrawal
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Bableshwar- Alephata ckt I	IntraState	05/10/2017	04.46	06/10/2017	05.01	PO	LILo arrangement work for UTECH Sugar Factory
Bableshwar- Ranjangaon	IntraState	05/10/2017	05.27		Continued.	PO	LILo arrangement work for UTECH Sugar Factory
Trombay - Mulund	IntraState	05/10/2017	06.05	05/10/2017	12.19	PO	Line Maintenance work
Lonikand-VSNL	IntraState	05/10/2017	09.31	05/10/2017	11.48	PO	Testing Work
Walchandnagar-Bhigwan	IntraState	05/10/2017	10.05	05/10/2017	15.14	PO	Testing Work
Sahara-Urse	IntraState	05/10/2017	10.18	05/10/2017	13.23	PO	Testing Work
Kandalgaon - ONGC Panvel	IntraState	05/10/2017	10.25	05/10/2017	18.17	EO	To attend Hot Spot
Eklahare (Gcr) - Ghatghar	IntraState	05/10/2017	10.32	05/10/2017	18.15	PO	Insulator Cleaning work
Dhamangaon New- Tss -I	IntraState	05/10/2017	10.47	05/10/2017	16.00	PO	Measurement of CB Timing and CRM
Dhule-Chalisagaon	IntraState	05/10/2017	10.50	05/10/2017	16.12	PO	Jumper Tightening work
Hingoli- Girawali	IntraState	05/10/2017	10.56	05/10/2017	18.07	PO	Routine Maintenance Work
Dhule - Malegaon	IntraState	05/10/2017	11.26	05/10/2017	15.18	PO	Line Maintenance work
Mumewadi -Halkarni I	IntraState	05/10/2017	13.20	05/10/2017	13.30	T	Distance Protection
Chakan-Chinchwad	IntraState	05/10/2017	13.26	05/10/2017	20.36	PO	Routine Maintenance Work
Waluj-Padegaon I	IntraState	05/10/2017	18.33	05/10/2017	19.56	EO	To attend 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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.

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/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	05/10/2017	14.00	05/10/2017	16.20	PO	Relay testing work
132 KV LINE Outages/Trippings							
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	05/10/2017	12.58	05/10/2017	13.28	T	Distance Protection
Kaulewada-Madgi-I	IntraState	05/10/2017	15.19	05/10/2017	16.22	T	Distance Protection