

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 04/Oct/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.661	431.627	1) Gujrat	1.603	1.817
2) Hydro	29.465	66.090	2) Madhya Pradesh	17.370	67.140
3) Gas	9.704	38.946	3) Chattisgarh	7.310	30.500
Total MSPGCL	142.830	536.663	4) Maharashtra Net	121.041	496.887
B) 1) APML	41.261	155.815	5) Goa (Amona)	-0.154	-0.550
2) JSWEL	26.610	101.319	Total	147.170	595.794
3) VIPL	7.486	29.073	a) Mumbai Schedule	33.920	122.141
4) RPL(AMT)	13.575	58.021	b) Mumbai Drawl	35.487	132.221
5) WPCL	2.159	8.885	c) MSEDCL Bilateral *	26.952	131.270
6) PGPL	0.000	0.000	Include PX	0.000	29.032
7) Other IPP	6.294	25.336	d) Mumbai Bilateral *	33.920	122.141
C) 1) TPCL Thermal	16.730	65.848	Include PX	10.111	34.468
2) TPCL Hydro	6.539	16.076	Include Standby	0.000	0.000
3) TPCL Gas	3.256	12.728	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.008	22.838	1) MSEDCL	360.381	1410.159
D) STATE			2) Mumbai Discoms	68.020	249.711
1) Thermal	223.784	898.762	TOTAL STATE	428.401	1659.870
(A1+C1+C4+(B1-B6))					
2) Hydro	36.004	82.166			
(A2+C2)					
3) Gas	12.960	51.674			
(A3+B6+C3)					
4) Wind	5.668	22.155			
6) SOLAR	2.815	9.319			
TOTAL STATE	281.231	1064.076			

* 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	4314	4363	4567	4279
MSPGCL Hydro	1544	1509	1180	1309
MSPGCL Gas	395	381	405	420
MSPGCL Total Generation	6253	6253	6152	6008
Central Sector Receipt	6824	6801	5917	5387
WIND	503	259	192	140
CPP / IPP Thermal	4232	4259	4101	3867
CPP / IPP Gas	0	0	0	0
SOLAR	393	214	0	0
Exchange with Mumbai	-1856	-1849	-1640	-1374
MSEDCL DEMAND MET	16349	15937	14722	14028
Load Shedding	1062	1257	1340	131
MSEDCL DEMAND	17411	17194	16062	14159
TPCL GENERATION	1287	1297	1252	847
R-INFRA GENERATION	250	251	250	251
MUMBAI DEMAND	3393	3397	3142	2472
STATE DEMAND MET	19742	19334	17864	16500
STATE DEMAND	20804	20591	19204	16631
Frequency (Hz)	49.98	49.94	49.96	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.03 Hrs	49.73 Hz at 05.14 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 04/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	10.71	43.32	520	400
Unit 9	0.00	0.00	0	0
Unit 10	0.93	32.77	301	0
Total	11.65	76.08		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.70	30.88	405	300
Unit 5	7.96	31.49	400	300
Total	15.66	62.37		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.30	17.39	191	174
Unit 7	4.09	5.07	184	151
Unit 8	0.00	10.92	0	0
Total	8.39	33.38		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.40	12.50	192	161
Unit 5	9.71	36.34	425	379
Unit 6	10.24	21.22	440	405
Unit 7	9.30	35.54	400	362
Unit 8	0.00	19.10	0	0
Unit 9	8.71	34.88	390	341
Total	42.36	159.59		
Paras				
Unit 3	3.75	15.71	167	142
Unit 4	3.69	15.33	160	150
Total	7.44	31.04		
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	10.32	37.62	500	360
Total	10.32	37.62		
Nasik				
Unit 3	3.86	7.73	170	145
Unit 4	0.00	7.83	0	0
Unit 5	3.98	15.98	170	162
Total	7.84	31.54		
Uran				
All Units	9.70	38.95	425	379
Total	9.70	38.95		
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)	0.01	0.01	10	0
Total	0.01	0.01		
Koyna				
Stage 1-2	8.31	22.15	505	70
Stage 4	14.54	28.69	765	200
Stage 3	5.26	11.12	240	160
Total	28.11	61.96		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.20	0.87	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	0.98	78	0
RNGR+BHTSA	0.36	1.32	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	0.77	15	14
GHATGHAR	0.00	0.00	0	0
Total	1.36	4.12		
Wind				
Total	5.67	22.16	0	0
Total	5.67	22.16		
CPP				
APML(Mus)	41.26	155.82	0	0
JSWEL(Mus)	26.61	101.32	0	0
VIPL(Mus)	7.49	29.07	0	0
RPLAMT(Mus)	13.58	58.02	0	0
WPCL(Mus)	2.16	8.88	0	0
Other(Mus)	6.29	25.34	0	0
Total	97.38	378.45		
SOLAR				
Total	2.82	9.32	0	0
Total	2.82	9.32		
Tata				
Trombay 5	10.88	43.19	483	416
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.91	7.41	103	60
Trombay 7B	1.34	5.32	64	48
Trombay 8	5.85	22.65	248	239
TATA Hydro	6.54	16.08	459	0
Total	26.52	94.65		
R-INFRA				
DTPS U-1&2	6.01	22.84	252	249
Total	6.01	22.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.66	431.63	MSPGCL Total	142.83	536.66
			MSPGCL Thml+Gas	113.36	470.57	Koyna 1,2 & 4 Total	22.85	50.84
			MSPGCL Hydro	29.46	66.09	State Total	281.23	1064.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4279	1309	420	6008	140	3867	0	0	5686	5387	-1374	14028	131	14159	2472	16631	49.93
2	4255	1269	412	5936	122	3872	0	0	5576	5826	-1241	14515	137	14652	2301	16953	49.93
3	4210	1304	411	5925	97	3875	0	0	5530	5548	-1101	14344	140	14484	2157	16641	49.94
4	4208	1289	414	5911	99	3878	0	0	5503	5704	-1005	14587	155	14742	2074	16816	49.97
5	4286	1369	424	6079	123	3879	0	0	5407	5695	-951	14825	162	14987	2033	17020	49.92
6	4249	1455	412	6116	187	3886	0	0	5394	5671	-1049	14811	421	15232	2123	17355	49.89
7	4153	1165	415	5733	239	3902	0	9	5629	5586	-1120	14349	1237	15586	2202	17788	49.96
8	4143	1211	425	5779	195	3842	0	91	5720	5833	-1229	14511	1330	15841	2380	18221	49.99
9	4211	751	409	5371	168	3853	0	196	5927	6188	-1356	14420	1400	15820	2653	18473	49.95
10	4198	1341	405	5944	198	4009	0	280	6014	6440	-1560	15311	1043	16354	3102	19456	49.90
11	4298	1604	400	6302	299	4166	0	371	6410	6750	-1674	16214	906	17120	3253	20373	49.90
12	4314	1544	395	6253	503	4232	0	393	6450	6824	-1856	16349	1062	17411	3393	20804	49.98
13	4318	1222	384	5924	543	4232	0	415	6481	6368	-1787	15695	1092	16787	3359	20146	50.00
14	4356	941	379	5676	527	4234	0	365	6449	6704	-1704	15802	1064	16866	3249	20115	49.99
15	4365	1184	389	5938	402	4232	0	321	6357	6561	-1829	15625	1248	16873	3369	20242	49.96
16	4363	1509	381	6253	259	4259	0	214	6490	6801	-1849	15937	1257	17194	3397	20591	49.94
17	4342	1374	393	6109	144	4227	0	129	6193	6431	-1830	15210	1204	16414	3379	19793	49.90
18	4275	991	397	5663	93	4136	0	31	6106	6355	-1695	14583	1495	16078	3242	19320	49.90
19	4464	1142	398	6004	103	3996	0	0	6063	6613	-1642	15074	803	15877	3164	19041	49.88
20	4567	1180	405	6152	192	4101	0	0	6152	5917	-1640	14722	1340	16062	3142	19204	49.96
21	4605	778	409	5792	282	4187	0	0	5952	6247	-1529	14979	969	15948	2974	18922	49.96
22	4325	1042	411	5778	296	4174	0	0	5928	6139	-1438	14949	680	15629	2839	18468	49.95
23	4391	1337	409	6137	246	4168	0	0	5655	5960	-1481	15030	169	15199	2891	18090	49.86
24	4486	1154	407	6047	211	4177	0	0	5533	5622	-1547	14510	163	14673	2872	17545	49.91
MUs	103.66	29.46	9.70	142.83	5.67	97.39	0.00	2.82	142.60	147.17	-35.49	360.38	19.61	379.99	68.02	448.01	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 04/Oct/2017

Position as on 6.30 Hrs of 05/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-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
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 04/Oct/2017

Position as on 6.30 Hrs of 05/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		Continued.	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		Continued.	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	Koradi Unit 10	660	03/10/2017	21.48	04/10/2017	18.20	Turbine oil Leakage	
IPP	JSW (J) U3	300	04/10/2017	17.54	04/10/2017	19.12	Turbine Control Oil Leakage	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 05/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 II	InterState	03/10/2017	17.36	04/10/2017	12.10	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	04/10/2017	10.05	04/10/2017	15.05	PO	Line Maintenance work
Dhule Sar'Sarovar I	InterState	04/10/2017	12.26		Continued.	T	Distance Protection
Dabhol New koyna I	InterState	04/10/2017	12.48	04/10/2017	13.50	T	Distance Protection
Padgha Tarapur I	InterState	04/10/2017	13.28		Continued.	PO	outage By WRLDC
Ektuni-Bableswhar 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
Babhaleshwar - Padghe-I	IntraState	30/09/2017	18.01	04/10/2017	12.46	T	Distance Protection
karad -kolhapur-I	IntraState	03/10/2017	23.26		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	04/10/2017	08.10	04/10/2017	14.36	EO	To attend Hot Spot(Shifted on TBC)
Koradi-India Bulls	IntraState	04/10/2017	09.22	04/10/2017	19.10	PO	Testing Work
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	04/10/2017	09.34	04/10/2017	16.20	PO	Shifted on TBC for Alignment of B Bus Isolator
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.
Maisal-Jath I	InterState	02/10/2017	21.40	04/10/2017	03.10	T	Distance Protection
Mahalakshmi Amona	InterState	04/10/2017	00.23	04/10/2017	08.31	T	Tripped from Amona end only
Solapur(PG)- Jeur	InterState	04/10/2017	10.45	04/10/2017	18.18	PO	Quarterly Maintainance Work
Wardha Deoli (Pg)	InterState	04/10/2017	11.28	04/10/2017	12.36	HT	Hand Tripped by WRLDC due to high Overdrawal
Mahalakshmi Amona	InterState	04/10/2017	17.32	04/10/2017	18.08	T	Tripped from Amona end only
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
Versova Aarey Line 1	IntraState	04/10/2017	07.20	04/10/2017	21.06	T	LA Replacement
Koradi II - Kawlewada	IntraState	04/10/2017	09.06	04/10/2017	16.24	PO	Replacement of Wavetrap Jumper
Mudshingi-Wathar	IntraState	04/10/2017	10.05	04/10/2017	14.20	PO	Isolator Maint.work
Deoli(Pgcil)-Badnera	IntraState	04/10/2017	10.07	04/10/2017	17.58	PO	Line Maintenance work
Beed-Patoda Ckt 1	IntraState	04/10/2017	10.33	04/10/2017	13.40	PO	Quarterly Maintainance Work
Vilebagad-Kandalgaon(Inox tap)	IntraState	04/10/2017	10.37	04/10/2017	11.10	T	Distance Protection
Dhamangaon New- Tss-II	IntraState	04/10/2017	10.38	04/10/2017	16.26	PO	Tan Delta Measurment of CTs
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	04/10/2017	11.04	04/10/2017	15.25	PO	Tan Delta Measurement of CB Timing and CRM
Virur - Gadchiroli	IntraState	04/10/2017	11.52	04/10/2017	13.15	PO	Tree Cutting
Pophali - Nerale	IntraState	04/10/2017	12.40	04/10/2017	17.45	PO	Routine Maintenance Work

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/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 05/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedhambe - Oni	IntraState	04/10/2017	13.30	04/10/2017	20.35	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	04/10/2017	15.33	04/10/2017	19.45	PO	Tan Delta Measurement and Breaker Timing
Trombay - Mulund	IntraState	05/10/2017	06.05		Continued.	PO	Line Maintenance work
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.
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-Ii	IntraState	04/10/2017	06.39	04/10/2017	06.57	T	Distance Protection
Waghala -Nanded-I(Jangamwadi)	IntraState	04/10/2017	09.33	04/10/2017	09.59	T	Distance Protection