

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Oct/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.212	327.966	1) Gujrat	1.823	0.214
2) Hydro	23.171	36.625	2) Madhya Pradesh	15.414	49.770
3) Gas	9.716	29.242	3) Chattisgarh	7.260	23.190
Total MSPGCL	147.099	393.833	4) Maharashtra Net	125.736	375.846
B) 1) APML	39.142	114.554	5) Goa (Amona)	-0.176	-0.396
2) JSWEL	24.005	74.709	Total	150.057	448.624
3) VIPL	7.485	21.587	a) Mumbai Schedule	33.186	88.221
4) RPL(AMT)	13.474	44.446	b) Mumbai Drawl	34.469	96.734
5) WPCL	2.283	6.726	c) MSEDCL Bilateral *	32.439	104.318
6) PGPL	0.000	0.000	Include PX	7.949	29.032
7) Other IPP	6.226	19.042	d) Mumbai Bilateral *	33.186	88.221
C) 1) TPCL Thermal	17.292	49.118	Include PX	9.961	24.357
2) TPCL Hydro	6.016	9.537	Include Standby	0.000	0.000
3) TPCL Gas	3.287	9.472	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.000	16.830	1) MSEDCL	360.898	1049.778
D) STATE			2) Mumbai Discoms	67.064	181.691
1) Thermal	230.119	674.978	TOTAL STATE	427.962	1231.469
(A1+C1+C4+(B1-B6))					
2) Hydro	29.187	46.162			
(A2+C2)					
3) Gas	13.003	38.714			
(A3+B6+C3)					
4) Wind	3.395	16.487			
6) SOLAR	2.201	6.504			
TOTAL STATE	277.905	782.845			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4888	4996	5171	4445
MSPGCL Hydro	1476	1423	858	823
MSPGCL Gas	387	392	415	415
MSPGCL Total Generation	6751	6811	6444	5683
Central Sector Receipt	6901	7067	5834	5273
WIND	63	161	326	74
CPP / IPP Thermal	4192	3868	3888	3730
CPP / IPP Gas	0	0	0	0
SOLAR	310	250	0	0
Exchange with Mumbai	-1803	-1798	-1714	-901
MSEDCL DEMAND MET	16414	16359	14778	13859
Load Shedding	808	858	1189	0
MSEDCL DEMAND	17222	17217	15967	13859
TPCL GENERATION	1351	1333	1131	836
R-INFRA GENERATION	248	250	249	251
MUMBAI DEMAND	3402	3381	3094	1988
STATE DEMAND MET	19816	19740	17872	15847
STATE DEMAND	20624	20598	19061	15847
Frequency (Hz)	49.93	49.87	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13.00 Hrs	49.69 Hz at 18.10 Hrs	49.93	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 03/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	10.64	32.60	520	380
Unit 9	0.00	0.00	0	0
Unit 10	10.42	31.83	552	0
Total	21.06	64.44		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.90	23.18	470	300
Unit 5	8.02	23.54	470	300
Total	15.92	46.71		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.48	13.09	245	177
Unit 7	0.98	0.98	174	0
Unit 8	2.54	10.92	179	0
Total	8.01	24.99		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.16	8.10	189	140
Unit 5	9.22	26.63	415	320
Unit 6	9.35	10.98	435	345
Unit 7	8.97	26.24	396	325
Unit 8	2.80	19.10	367	0
Unit 9	9.89	26.17	457	320
Total	44.39	117.23		
Paras				
Unit 3	4.03	11.96	173	161
Unit 4	3.78	11.64	171	147
Total	7.81	23.60		
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	9.44	27.30	500	325
Total	9.44	27.30		
Nasik				
Unit 3	3.37	3.87	155	112
Unit 4	0.01	7.83	6	0
Unit 5	4.21	12.00	190	165
Total	7.58	23.70		
Uran				
All Units	9.72	29.24	425	387
Total	9.72	29.24		
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)	0.00	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	7.82	13.84	560	105
Stage 4	10.77	14.15	750	0
Stage 3	3.81	5.87	216	0
Total	22.40	33.86		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.00	0.67	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.52	80	0
RNGR+BHTSA	0.34	0.97	14	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	0.43	9	8
GHATGHAR	0.00	0.00	0	0
Total	0.78	2.77		
Wind				
Total	3.40	16.49	0	0
Total	3.40	16.49		
CPP				
APML(Mus)	39.14	114.55	0	0
JSWEL(Mus)	24.00	74.71	0	0
VIPL(Mus)	7.48	21.59	0	0
RPLAMT(Mus)	13.47	44.45	0	0
WPCL(Mus)	2.28	6.73	0	0
Other(Mus)	6.23	19.04	0	0
Total	92.62	281.06		
SOLAR				
Total	2.20	6.50	0	0
Total	2.20	6.50		
Tata				
Trombay 5	11.44	32.31	486	465
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.94	5.49	102	60
Trombay 7B	1.35	3.98	64	48
Trombay 8	5.85	16.81	247	240
TATA Hydro	6.02	9.54	459	0
Total	26.60	68.13		
R-INFRA				
DTPS U-1&2	6.00	16.83	252	248
Total	6.00	16.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.21	327.97	MSPGCL Total	147.10	393.83
			MSPGCL Thml+Gas	123.93	357.21	Koyna 1,2 & 4 Total	18.59	27.99
			MSPGCL Hydro	23.17	36.62	State Total	277.90	782.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	4459	810	411	5680	132	3729	0	0	5308	5578	-1339	13780	0	13780	2461	16241	49.96
2	4474	893	420	5787	97	3729	0	0	5179	5487	-1126	13974	0	13974	2218	16192	49.97
3	4472	973	411	5856	183	3733	0	0	5031	5233	-974	14031	0	14031	2080	16111	49.97
4	4445	823	415	5683	74	3730	0	0	5026	5273	-901	13859	0	13859	1988	15847	49.98
5	4461	924	423	5808	114	3733	0	0	5277	5370	-887	14138	0	14138	1971	16109	49.94
6	4633	1006	414	6053	209	3732	0	0	5743	5835	-968	14861	284	15145	2053	17198	49.91
7	4844	532	425	5801	142	3690	0	5	6545	6565	-1077	15126	736	15862	2167	18029	49.91
8	4940	392	417	5749	74	3712	0	56	6796	7182	-1231	15542	714	16256	2360	18616	50.00
9	4858	457	397	5712	67	3737	0	141	6361	6792	-1323	15126	706	15832	2600	18432	49.96
10	4680	919	387	5986	100	3739	0	209	6536	6957	-1590	15401	583	15984	3085	19069	49.87
11	4762	1186	399	6347	67	3868	0	295	6567	7080	-1646	16011	579	16590	3245	19835	49.88
12	4888	1476	387	6751	63	4192	0	310	6632	6901	-1803	16414	808	17222	3402	20624	49.93
13	4922	959	398	6279	151	4351	0	345	6589	6551	-1783	15894	1029	16923	3378	20301	49.93
14	4947	593	396	5936	211	4161	0	308	6537	6816	-1714	15718	981	16699	3306	20005	49.93
15	4996	1423	392	6811	161	3868	0	250	6623	7067	-1798	16359	858	17217	3381	20598	49.87
16	4977	1549	396	6922	107	3837	0	167	6793	7066	-1791	16308	824	17132	3382	20514	49.92
17	4953	1235	397	6585	152	3856	0	91	6538	6348	-1759	15273	794	16067	3343	19410	49.92
18	4876	1226	400	6502	129	3879	0	24	5949	5976	-1624	14886	802	15688	3189	18877	49.91
19	5204	1061	391	6656	132	3884	0	0	5954	6121	-1579	15214	683	15897	3134	19031	49.87
20	5171	858	415	6444	326	3888	0	0	5996	5834	-1714	14778	1189	15967	3094	19061	49.98
21	5196	257	406	5859	224	3892	0	0	5758	6204	-1469	14710	913	15623	2915	18538	49.93
22	4618	868	404	5890	175	3892	0	0	5546	6090	-1395	14652	610	15262	2822	18084	49.90
23	4181	1324	407	5912	180	3887	0	0	5500	6246	-1489	14736	248	14984	2767	17751	49.87
24	4255	1427	408	6090	125	3894	0	0	5496	5485	-1489	14105	217	14322	2723	17045	49.93
MUs	114.21	23.17	9.72	147.10	3.39	92.62	0.00	2.20	144.28	150.06	-34.47	360.90	13.56	374.46	67.06	441.52	49.93

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 03/Oct/2017

Position as on 6.30 Hrs of 04/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	Khaparkheda 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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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		Continued.	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	Khaparkheda 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	Khaparkheda 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 03/Oct/2017

Position as on 6.30 Hrs of 04/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	
MSPGCL	Parli Unit 7	250	28/09/2017	21.12	03/10/2017	11:27	Coal Shortage	
IPP	RPL(AMT) U-2	270	02/10/2017	00.00		Continued.	Coal Shortage	
IPP	JSW (J) U3	300	02/10/2017	22.58	03/10/2017	11:03	PA Fan problem	
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	Parli Unit 7	250	03/10/2017	18.48	03/10/2017	22.03	Coal mill broblem	
MSPGCL	Koradi Unit 10	660	03/10/2017	21.48		Continued.	Turbine oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 04/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	02/10/2017	13.19	03/10/2017	06.50	T	Distance Protection
Dhule Sar'Sarovar II	InterState	03/10/2017	17.36		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-II	IntraState	28/09/2017	21.37	03/10/2017	09.31	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/09/2017	18.07	03/10/2017	11.48	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	30/09/2017	18.01		Continued.	T	Distance Protection
N.Koyna-Karad -Ckt II	IntraState	03/10/2017	11.02	03/10/2017	19.24	PO	Annual Maintenance Work
Ektuni - Taptitanda Ckt I	IntraState	03/10/2017	12.00	03/10/2017	16.24	PO	Routine Maintenance Work
karad -kolhapur-I	IntraState	03/10/2017	23.26		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.
Maisal-Jath I	InterState	02/10/2017	21.40		Continued.	T	Distance Protection
Tillari Amona	InterState	03/10/2017	02.15	03/10/2017	08.01	T	Over Voltage
Mahalakshmi Amona	InterState	03/10/2017	02.15	03/10/2017	08.35	T	Over Voltage
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
Mahad - Pedambe	IntraState	03/10/2017	09.07	03/10/2017	10.25	EO	Attending Hot Spot
Ranjangaon-Lonikand	IntraState	03/10/2017	10.27	03/10/2017	19.40	PO	line changes work.
Gadchandur - Virur-li	IntraState	03/10/2017	11.01	03/10/2017	15.38	PO	replacement of flash over disc insulator.
Karad(400kv) - Wathar	IntraState	03/10/2017	11.31	03/10/2017	14.59	PO	Testing 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.
220/100 Kv 200 MVA ICT IV @Apta	IntraState	03/10/2017	12.05	03/10/2017	19.00	PO	Testing Work
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	03/10/2017	18.01	03/10/2017	21.00	PO	Testing Work
132 KV LINE Outages/Trippings							
Bableshwar - Sangamner	IntraState	02/10/2017	11.45		Continued.	T	la burst.
Parli 2(Girwali) - Latur Midc	IntraState	03/10/2017	06.58	03/10/2017	07.17	T	Distance Protection
Suprim - Pahur	IntraState	03/10/2017	09.00	03/10/2017	09.47	T	Distance Protection
Gangakhed - Kandhar	IntraState	03/10/2017	12.42	03/10/2017	13.01	T	Distance Protection
Waghala (Nanded2) - Tamsa	IntraState	03/10/2017	14.45	03/10/2017	15.06	T	no indication .load affected approx 39 mw.
Yawal - Chopda	IntraState	03/10/2017	15.08		Continued.	T	to control bswl- deepnagar ckt o/l.
Waghala (Nanded2) - Tamsa	IntraState	03/10/2017	15.20	03/10/2017	15.55	T	trip ckt faulty.

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