

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Oct/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.919	1642.315	1) Gujrat	-4.931	-34.857
2) Hydro	4.925	137.067	2) Madhya Pradesh	8.192	188.433
3) Gas	6.618	110.631	3) Chattisgarh	5.930	103.490
Total MSPGCL	137.462	1890.013	4) Maharashtra Net	111.533	1816.306
B) 1) APML	40.687	693.945	5) Goa (Amona)	-0.220	-3.102
2) JSWEL	23.423	379.956	Total	120.504	2070.270
3) VIPL	11.984	127.414	a) Mumbai Schedule	17.416	389.425
4) RPL(AMT)	10.176	179.462	b) Mumbai Drawl	32.588	505.602
5) WPCL	2.604	31.667	c) MSEDCL Bilateral *	37.939	532.783
6) PGPL	0.000	0.000	Include PX	0.000	49.325
7) Other IPP	6.249	95.110	d) Mumbai Bilateral *	16.960	388.687
C) 1) TPCL Thermal	5.351	214.378	Include PX	-0.295	78.933
2) TPCL Hydro	2.995	60.903	Include Standby	0.456	0.738
3) TPCL Gas	2.267	41.279	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.311	109.906	1) MSEDCL	325.602	5059.179
D) STATE			2) Mumbai Discoms	53.512	932.066
1) Thermal	236.704	3474.153	TOTAL STATE	379.114	5991.245
(A1+C1+C4+(B1-B6))					
2) Hydro	7.920	197.970			
(A2+C2)					
3) Gas	8.885	151.910			
(A3+B6+C3)					
4) Wind	2.059	60.460			
6) SOLAR	3.042	36.484			
TOTAL STATE	258.610	3920.977			

* 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 4 Hrs
MSPGCL Thermal	5173	5176	5611	4980
MSPGCL Hydro	470	266	378	87
MSPGCL Gas	268	266	273	278
MSPGCL Total Generation	5911	5708	6262	5345
Central Sector Receipt	5558	5391	5094	4500
WIND	42	61	175	39
CPP / IPP Thermal	3757	3775	4403	3954
CPP / IPP Gas	0	0	0	0
SOLAR	431	453	0	0
Exchange with Mumbai	-1562	-1559	-1133	-1213
MSEDCL DEMAND MET	14137	13829	14801	12625
Load Shedding	0	0	0	0
MSEDCL DEMAND	14137	13829	14801	12625
TPCL GENERATION	357	379	827	285
R-INFRA GENERATION	498	498	498	374
MUMBAI DEMAND	2417	2436	2458	1872
STATE DEMAND MET	16554	16265	17259	14497
STATE DEMAND	16554	16265	17259	14497
Frequency (Hz)	49.99	49.98	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.03 Hrs	49.81 Hz at 18.12 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 15/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	10.18	156.99	450	390
Unit 9	0.00	0.00	0	0
Unit 10	10.88	147.87	542	350
Total	21.06	304.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.84	117.34	405	325
Unit 5	8.88	115.97	405	325
Total	17.72	233.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	60.41	0	0
Unit 7	0.00	34.96	0	0
Unit 8	4.22	17.41	205	160
Total	4.22	112.77		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.97	33.75	186	147
Unit 5	9.53	138.60	420	360
Unit 6	9.59	57.95	431	360
Unit 7	10.19	140.15	461	360
Unit 8	10.07	119.80	490	345
Unit 9	9.54	113.50	445	330
Total	52.89	603.74		
Paras				
Unit 3	4.64	42.67	204	178
Unit 4	5.03	64.58	230	178
Total	9.67	107.25		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.65	6.65	175	125
Unit 3	0.00	0.00	0	0
Unit 4	3.65	27.07	174	119
Unit 5	9.23	136.20	430	360
Total	16.53	169.93		
Nasik				
Unit 3	3.83	35.16	166	155
Unit 4	0.00	18.47	0	0
Unit 5	0.00	56.82	0	0
Total	3.83	110.45		
Uran				
All Units	6.62	110.63	289	264
Total	6.62	110.63		
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)	0.78	7.57	34	31
Total	0.78	7.57		
Koyna				
Stage 1-2	1.96	48.45	370	40
Stage 4	0.13	45.56	129	0
Stage 3	0.12	22.05	80	0
Total	2.21	116.06		
Hydro				
KDPH	0.54	0.88	37	18
VTRNA	0.54	4.68	61	0
TILLARI	0.11	0.23	56	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.03	80	0
RNGR+BHTSA	0.40	4.29	19	16
BHANDARDRA	0.00	1.56	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	3.26	5	4
GHATGHAR	0.73	2.07	120	0
Total	2.72	21.01		
Wind				
Total	2.06	60.46	0	0
Total	2.06	60.46		
CPP				
APML(Mus)	40.69	693.94	0	0
JSWEL(Mus)	23.42	379.96	0	0
VIPL(Mus)	11.98	127.41	0	0
RPLAMT(Mus)	10.18	179.46	0	0
WPCL(Mus)	2.60	31.67	0	0
Other(Mus)	6.25	95.11	0	0
Total	95.12	1507.55		
SOLAR				
Total	3.04	36.48	0	0
Total	3.04	36.48		
Tata				
Trombay 5	0.00	132.95	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.26	23.48	76	44
Trombay 7B	1.01	17.80	55	37
Trombay 8	5.35	81.43	243	202
TATA Hydro	3.00	60.90	459	14
Total	10.61	316.56		
R-INFRA				
DTPS U-1&2	10.31	109.91	500	367
Total	10.31	109.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.92	1642.32	MSPGCL Total	137.46	1890.01
			MSPGCL Thml+Gas	132.54	1752.95	Koyna 1,2 & 4 Total	2.08	94.01
			MSPGCL Hydro	4.92	137.07	State Total	258.61	3920.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5108	184	276	5568	53	4033	0	0	4887	4582	-1528	12708	0	12708	2279	14987	50.01
2	5024	86	287	5397	51	4183	0	0	4743	4446	-1407	12670	0	12670	2072	14742	49.99
3	4968	92	280	5340	42	4169	0	0	4785	4350	-1287	12614	0	12614	1947	14561	50.00
4	4980	87	278	5345	39	3954	0	0	4947	4500	-1213	12625	0	12625	1872	14497	50.03
5	4840	82	288	5210	35	3991	0	0	4848	4955	-1195	12996	0	12996	1855	14851	49.96
6	4930	246	277	5453	37	3980	0	0	5043	5077	-1052	13495	0	13495	1903	15398	49.92
7	5265	160	289	5714	45	4217	0	5	5500	5001	-1129	13853	0	13853	1914	15767	50.02
8	5269	140	279	5688	49	3834	0	56	5710	5578	-1210	13995	0	13995	1955	15950	50.01
9	5350	140	287	5777	36	3708	0	174	5667	5528	-1335	13888	0	13888	2050	15938	49.98
10	5269	245	273	5787	30	3680	0	300	5642	5517	-1505	13809	0	13809	2212	16021	49.98
11	5134	353	272	5759	41	3730	0	379	5637	5492	-1514	13887	0	13887	2351	16238	49.97
12	5173	470	268	5911	42	3757	0	431	5631	5558	-1562	14137	0	14137	2417	16554	49.99
13	5176	266	266	5708	61	3775	0	453	5623	5391	-1559	13829	0	13829	2436	16265	49.98
14	5076	270	264	5610	80	3692	0	422	5461	5125	-1480	13449	0	13449	2378	15827	49.97
15	5049	246	265	5560	152	3722	0	354	4898	5192	-1496	13484	0	13484	2394	15878	50.01
16	5152	316	265	5733	132	3750	0	265	5039	5253	-1537	13596	0	13596	2386	15982	50.00
17	5424	95	269	5788	149	3816	0	163	5004	4666	-1508	13074	0	13074	2327	15401	49.98
18	5432	85	272	5789	154	3915	0	34	5002	4882	-1477	13297	0	13297	2320	15617	49.99
19	5536	508	272	6316	99	4097	0	6	5095	5208	-1154	14572	0	14572	2408	16980	49.96
20	5611	378	273	6262	175	4403	0	0	5153	5094	-1133	14801	0	14801	2458	17259	50.01
21	5590	107	284	5981	65	4334	0	0	5196	5071	-1143	14308	0	14308	2443	16751	49.99
22	5579	158	274	6011	150	4210	0	0	4905	4918	-1244	14045	0	14045	2439	16484	49.98
23	5565	103	276	5944	228	4141	0	0	4883	4684	-1460	13537	0	13537	2405	15942	50.00
24	5419	108	284	5811	114	4032	0	0	4883	4436	-1460	12933	0	12933	2291	15224	49.99
MUs	125.92	4.93	6.62	137.46	2.06	95.12	0.00	3.04	124.18	120.50	-32.59	325.60	0.00	325.60	53.51	379.11	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 15/Oct/2017

Position as on 6.30 Hrs of 16/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	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017 converted to AOH dt.1.10.2017.	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
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.	
MSPGCL	Khaparkhedha Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Khaparkhedha Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
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	
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	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scraper chain	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Oct/2017

Position as on 6.30 Hrs of 16/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
IPP	Adani U-5	660	13/10/2017	21.54		Continued.	APHP outlet PA below leakage	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	zero schedule by msedcl.	
MSPGCL	Nasik Unit 5	210	14/10/2017	21.05		Continued.	zero schedule by msedcl.	
MSPGCL	Nasik Unit 4	210	14/10/2017	23.10		Continued.	zero schedule given by msedcl.	
TPC-G	Trombay 5	500	14/10/2017	23.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 16/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	11/10/2017	19.34		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	15/10/2017	15.34	15/10/2017	16.51	T	Distance Protection
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	12/10/2017	00.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/10/2017	00.33		Continued.	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	12/10/2017	15.11	15/10/2017	07.14	HT	Sparking in Isolator
Bhusawal-Aurangabad	IntraState	13/10/2017	20.13		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	15/10/2017	06.16	15/10/2017	16.38	EO	string insulator replacement work at loc 92.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	10/10/2017	17.43		Continued.	PO	Oil Filtration Work.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	15/10/2017	22.24	16/10/2017	03.56	EO	To attend Hot Spot
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.
Mahalakshmi Amona	InterState	15/10/2017	01.40	15/10/2017	10.39	T	Over Voltage
Tillari Amona	InterState	15/10/2017	02.01	15/10/2017	07.31	T	Over Voltage
Vasai Boiser(PG)	InterState	15/10/2017	10.02		Continued.	PO	Reorientation work.
Boisar(MS) - Boisar (PG) - I	InterState	15/10/2017	16.10		Continued.	T	Distance Protection
Boisar Tarapur	InterState	15/10/2017	16.10	15/10/2017	16.38	T	Tripped only from tarapur end.
Boiser(M)-Boiser(PG) -III	InterState	15/10/2017	16.56	15/10/2017	17.54	T	Distance Protection
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
Parli 3 (Old Gcr)-Osmanabad	IntraState	10/10/2017	02.50	10/10/2017	Continued.	T	Bus Bar Protection Operated
Sadawaghapur Karad Ckt 2	IntraState	13/10/2017	23.35	15/10/2017	14.15	T	Burst Ia replaced taken in service.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/10/2017	14.23	15/10/2017	15.46	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	15/10/2017	15.38	15/10/2017	16.51	HT	Control Nasik loading.
New Koyana - Pedambe	IntraState	15/10/2017	16.30		Continued.	PO	Isolator sparking at pedambe.
Padghe - Nalasopara	IntraState	15/10/2017	16.45	15/10/2017	19.33	PO	Tap for vasai.
Boisar Versova Line	IntraState	15/10/2017	16.56	15/10/2017	18.48	T	Bus Bar Protection Operated
Boisar-Viraj	IntraState	15/10/2017	16.56	15/10/2017	18.45	T	Bus Bar Protection Operated
Dahanu Versova	IntraState	15/10/2017	17.31	15/10/2017	17.35	T	Distance Protection
Osmanabad - Barshi	IntraState	15/10/2017	18.43	15/10/2017	19.13	T	Tripped at barshi end.
Paranda Tap Osmanabad - Barshi	IntraState	15/10/2017	18.43	15/10/2017	19.13	T	Distance Protection
Mururd - Tuljapur	IntraState	15/10/2017	18.46	15/10/2017	19.22	T	Distance Protection
Parli 3 (Old Gcr)-Osmanabad	IntraState	15/10/2017	18.46	15/10/2017	19.13	T	Distance Protection

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 15/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Osmanabad - Solapur (Bale)	IntraState	15/10/2017	18.46	15/10/2017	19.19	T	Distance Protection
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.
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	15/10/2017	16.56	15/10/2017	17.40	T	Lbb & Bus Bar Protection Operated .at boiser end.
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	15/10/2017	17.25	15/10/2017	18.35	T	Lbb & Bus Bar Protection Operated .at boiser end.
132 KV LINE Outages/Trippings							
Boisar li - Palghar 2	IntraState	15/10/2017	17.25	15/10/2017	17.43	T	Lbb & Bus Bar Protection Operated .at boiser end.
Boisar li - Palghar 1	IntraState	15/10/2017	17.25	15/10/2017	18.01	T	Lbb & Bus Bar Protection Operated .at boiser end.
Boisar li - Viraj	IntraState	15/10/2017	17.25	15/10/2017	17.43	T	Lbb & Bus Bar Protection Operated .at boiser end.
Lupin -Boiser	IntraState	15/10/2017	17.25	15/10/2017	17.50	T	Lbb & Bus Bar Protection Operated .at boiser end.

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