

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 17/Oct/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.561	1595.658	1) Gujrat	10.981	114.257
2) Hydro	6.493	131.359	2) Madhya Pradesh	11.252	191.463
3) Gas	10.376	170.036	3) Chattisgarh	6.730	119.990
Total MSPGCL	132.430	1897.053	4) Maharashtra Net	103.674	1453.343
B) 1) APML	65.633	1060.746	5) Goa (Amona)	-0.518	-11.442
2) JSWEL	20.761	344.898	Total	132.119	1867.611
3) VIPL	12.390	194.327	a) Mumbai Schedule	25.111	334.877
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.861	430.376
5) WPCL	5.129	67.355	c) MSEDCL Bilateral *	29.152	396.083
6) PGPL	0.000	0.000	Include PX	0.000	-74.298
7) Other IPP	4.451	47.779	d) Mumbai Bilateral *	25.111	334.877
C) 1) TPCL Thermal	15.153	236.407	Include PX	2.393	7.819
2) TPCL Hydro	5.205	58.016	Include Standby	0.000	0.000
3) TPCL Gas	4.431	74.907	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.391	169.041	1) MSEDCL	348.938	5240.274
D) STATE			2) Mumbai Discoms	63.041	968.759
1) Thermal	249.469	3716.211	TOTAL STATE	411.979	6209.033
(A1+C1+C4+(B1-B6))					
2) Hydro	11.698	189.375			
(A2+C2)					
3) Gas	14.807	244.943			
(A3+B6+C3)					
4) Wind	2.703	173.156			
6) SOLAR	1.183	17.725			
TOTAL STATE	279.860	4341.410			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5148	5128	5167	4169
MSPGCL Hydro	491	268	968	53
MSPGCL Gas	443	419	421	439
MSPGCL Total Generation	6082	5815	6556	4661
Central Sector Receipt	5957	5999	6200	4416
WIND	63	140	129	123
CPP / IPP Thermal	4640	4652	4640	4147
CPP / IPP Gas	0	0	0	0
SOLAR	137	10	0	0
Exchange with Mumbai	-1044	-1212	-1180	-743
MSEDCL DEMAND MET	15835	15404	16345	12604
Load Shedding	0	0	0	0
MSEDCL DEMAND	15835	15404	16345	12604
TPCL GENERATION	1327	1354	1293	700
R-INFRA GENERATION	497	496	505	387
MUMBAI DEMAND	2868	3062	2978	1830
STATE DEMAND MET	18703	18466	19323	14434
STATE DEMAND	18703	18466	19323	14434
Frequency (Hz)	49.96	49.96	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:02 Hrs	49.77 Hz at 10:10 Hrs	49.96	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 17/Oct/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	11.76	170.77	532	430
Total	11.76	170.77		
Bhusawal				
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	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
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 3	4.12	35.51	183	150
Unit 4	4.29	57.56	190	162
Unit 5	9.90	157.51	460	365
Unit 6	10.35	161.05	470	365
Unit 7	9.38	153.32	423	351
Unit 8	10.96	162.93	497	368
Total	49.00	727.87		
Paras				
Unit 3	5.59	86.25	256	189
Unit 4	5.64	86.92	259	187
Total	11.23	173.17		
Khaparkheda				
Unit 1	3.99	6.04	185	140
Unit 2	3.75	4.83	170	140
Unit 3	4.44	29.88	210	160
Unit 4	4.20	10.00	187	164
Unit 5	10.68	173.34	500	360
Total	27.07	224.08		
Nasik				
Unit 3	4.24	43.44	195	160
Unit 4	4.32	71.59	205	163
Unit 5	0.00	27.27	0	0
Total	8.55	142.30		
Uran				
All Units	10.38	170.04	445	417
Total	10.38	170.04		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	1.04	13.44	53	23
Total	1.04	13.44		
Koyna				
Stage 1-2	3.68	48.22	410	40
Stage 4	0.00	27.38	0	0
Stage 3	1.09	18.62	240	0
Total	4.76	94.22		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.25	5.17	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	4.71	80	0
RNGR+BHTSA	0.00	1.97	0	0
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	6.73	20	7
GHATGHAR	0.91	6.88	250	0
Total	1.73	37.14		
Wind				
Total	2.70	173.16	0	0
Total	2.70	173.16		
CPP				
APML(Mus)	65.63	1060.75	0	0
JSWEL(Mus)	20.76	344.90	0	0
VIPL(Mus)	12.39	194.33	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.13	67.36	0	0
Other(Mus)	4.45	47.78	0	0
Total	108.36	1715.10		
SOLAR				
Total	1.18	17.72	0	0
Total	1.18	17.72		
Tata				
Trombay 5	9.76	148.41	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	47.47	120	114
Trombay 7B	1.62	27.44	69	66
Trombay 8	5.39	88.00	248	200
TATA Hydro	5.20	58.02	459	4
Total	24.79	369.33		
R-INFRA				
1-2	10.39	169.04	509	385
Total	10.39	169.04		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	7.95	68.59
Koradi 9	0.00	88.87
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.56	1595.66
MSPGCL Thml+Gas	125.94	1765.69
MSPGCL Hydro	6.49	131.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	132.43	1897.05
Koyna 1,2 & 4 Total	3.68	75.61
State Total	279.86	4341.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Oct/2016

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	3972	53	430	4455	195	4334	0	0	4993	4772	-1105	12651	0	12651	2188	14839	49.98
2	4011	48	440	4499	193	4339	0	0	4741	4426	-923	12533	0	12533	2008	14541	49.97
3	4131	48	443	4622	156	4308	0	0	4604	4327	-811	12602	0	12602	1896	14498	49.99
4	4169	53	439	4661	123	4147	0	0	4507	4416	-743	12604	0	12604	1830	14434	49.96
5	4208	58	433	4699	100	4132	0	0	4573	4747	-739	12939	0	12939	1823	14762	49.94
6	4310	53	439	4802	75	4384	0	0	5068	5190	-854	13597	0	13597	1938	15535	49.94
7	4793	263	432	5488	73	4499	0	2	5318	5382	-896	14548	0	14548	2079	16627	49.96
8	4945	463	434	5842	72	4615	0	19	5376	5313	-740	15121	0	15121	2206	17327	49.98
9	5042	455	445	5942	60	4633	0	70	5730	5755	-1072	15388	0	15388	2598	17986	49.97
10	5148	491	443	6082	63	4640	0	137	5907	5957	-1044	15835	0	15835	2868	18703	49.96
11	5193	279	444	5916	82	4646	0	169	6041	5804	-1306	15311	0	15311	3154	18465	49.97
12	5140	118	429	5687	113	4606	0	193	6197	5963	-1533	15029	0	15029	3181	18210	49.94
13	4795	124	430	5349	97	4486	0	152	6238	6221	-1628	14677	0	14677	3149	17826	49.97
14	5041	117	425	5583	78	4471	0	139	6024	6136	-1515	14893	0	14893	3059	17952	49.97
15	5112	417	418	5947	98	4517	0	129	5983	5836	-1503	15024	0	15024	3112	18136	49.89
16	5144	57	417	5618	112	4647	0	111	6153	5963	-1418	15033	0	15033	3154	18187	49.92
17	5143	92	419	5654	141	4650	0	52	6207	5813	-1370	14940	0	14940	3133	18073	49.93
18	5128	268	419	5815	140	4652	0	10	6016	5999	-1212	15404	0	15404	3062	18466	49.96
19	5192	836	422	6450	122	4664	0	0	5975	5863	-1193	15906	0	15906	3045	18951	49.97
20	5167	968	421	6556	129	4640	0	0	6026	6200	-1180	16345	0	16345	2978	19323	50.00
21	5164	686	445	6295	138	4657	0	0	5949	5824	-1129	15785	0	15785	2807	18592	49.98
22	5137	352	426	5915	141	4647	0	0	5918	5785	-1251	15238	0	15238	2693	17931	49.97
23	4988	112	443	5543	115	4625	0	0	5739	5386	-1325	14344	0	14344	2589	16933	49.99
24	4488	82	440	5010	87	4425	0	0	5575	5041	-1371	13192	0	13192	2491	15683	49.98
MUs	115.56	6.49	10.38	132.43	2.70	108.36	0.00	1.18	134.86	132.12	-27.86	348.94	0.00	348.94	63.04	411.98	49.96

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 17/Oct/2016

Position as on 6.30 Hrs of 18/Oct/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	
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 PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage (Zero Schedule by MSEDCL at 21:51 Hrs on 30.09.2016)	
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.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
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	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
IPP	RPL(AMT) U-1	270	14/09/2016	23.55		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	15/09/2016	18.09		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	15/09/2016	23.59		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	16/09/2016	00.06		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	22/09/2016	13.47		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Oct/2016

Position as on 6.30 Hrs of 18/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
MSPGCL	Chandrapur Unit 9	500	16/10/2016	23.23	17/10/2016	01.44	Drum level high.	
MSPGCL	Koradi Unit 9	660	17/10/2016	00.01		Continued.	Commissioning of HCSD System.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	15/10/2016	09.12	17/10/2016	01.39	PO	Routine Maintenance Work
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	16/10/2016	13.19		Continued.	T	Distance Protection
Kolhapur Solapur(PG) I	InterState	17/10/2016	21.12	18/10/2016	05.52	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/10/2016	00.01	18/10/2016	06.51	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Karad - Jaigad - II	IntraState	16/10/2016	21.36	17/10/2016	06.36	HT	Over Voltage
karad -kolhapur-I	IntraState	16/10/2016	23.04	17/10/2016	08.39	HT	Over Voltage
Deepnagar Taptitanda	IntraState	17/10/2016	08.26	17/10/2016	18.07	PO	Line Maintenance work
Koradi-Khaperkheda li	IntraState	17/10/2016	14.20	17/10/2016	17.05	PO	Taken on TBC.
Khadka- Deepnagar Ckt 2	IntraState	17/10/2016	18.48	17/10/2016	19.41	T	DT Received at deepnagar end.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableswhar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Kalwa - Borivali	IntraState	28/09/2016	08.02		Continued.	PO	Balance tower erection work
Kharghar-PGPL	IntraState	12/10/2016	11.11		Continued.	PO	Bunching work @ Height Raising of Tower for cidco's metro rail bridge near Kharghar.
Kharghar - Tss Panvel	IntraState	12/10/2016	13.06		Continued.	PO	Bunching Work & Height Raising of Towers for Cidco's Metro Rail Bridge Near Kharghar.
Telco- Chinchwad	IntraState	13/10/2016	09.06		Continued.	PO	Annual Maintenance Work
Nagothane - ACCIL	IntraState	16/10/2016	12.17	17/10/2016	08.24	T	Distance Protection
New Koyna - Loteparshuram	IntraState	17/10/2016	10.43	17/10/2016	17.43	PO	Testing Work
Paras-Balapur li	IntraState	17/10/2016	10.44	17/10/2016	17.56	PO	Routine Maintenance Work
Baramati- Kalyani	IntraState	17/10/2016	14.30	17/10/2016	16.35	PO	Attending Hot Spot
Ghatghar - Bapgaon	IntraState	18/10/2016	02.43	18/10/2016	04.48	T	Ghatghar end only B Ph fault.
Padghe - Nalasopara	IntraState	18/10/2016	06.38	18/10/2016	06.39	PO	Replacement of Line Isolator
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)
220/132 Kv 200 Mva Vijai Ict 1 @Bableswhar	IntraState	03/09/2016	14.45		Continued.	PO	Dismantling of ICT 1 &transfer to 220kv Amalner S/S.
220/132kv 200MVA ICT-I@ Tilawani	IntraState	17/10/2016	09.42	17/10/2016	16.10	PO	Testing Work
220/132 kv 200MVA ICT II @ Akola	IntraState	17/10/2016	10.38	17/10/2016	16.35	PO	Replacement of Line Isolator
220/132 Kv 100 Mva Cgl Ict 2	IntraState	17/10/2016	17.53	17/10/2016	20.05	HT	For erection and 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 17/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Amalner							of bus section PT 2.