

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 24/Oct/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.542	2712.783	1) Gujrat	1.267	-56.050
2) Hydro	3.390	165.238	2) Madhya Pradesh	11.592	270.240
3) Gas	6.616	169.861	3) Chattisgarh	5.490	157.710
Total MSPGCL	132.548	3047.882	4) Maharashtra Net	114.371	2767.541
B) 1) APML	51.632	1137.393	5) Goa (Amona)	-0.462	-4.686
2) JSWEL	22.921	586.237	Total	132.258	3134.755
3) VIPL	13.402	231.288	a) Mumbai Schedule	24.331	571.514
4) RPL(AMT)	8.370	206.213	b) Mumbai Drawl	31.100	789.382
5) WPCL	2.094	49.091	c) MSEDCL Bilateral *	37.799	819.993
6) PGPL	0.000	0.000	Include PX	0.000	44.797
7) Other IPP	5.739	145.564	d) Mumbai Bilateral *	24.331	570.664
C) 1) TPCL Thermal	13.940	331.957	Include PX	5.650	98.464
2) TPCL Hydro	4.011	84.817	Include Standby	0.000	0.850
3) TPCL Gas	2.469	62.590	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.916	197.157	1) MSEDCL	346.782	7924.750
D) STATE			2) Mumbai Discoms	61.436	1465.896
1) Thermal	250.556	5597.683	TOTAL STATE	408.218	9390.646
(A1+C1+C4+(B1-B6))					
2) Hydro	7.401	250.055			
(A2+C2)					
3) Gas	9.085	232.451			
(A3+B6+C3)					
4) Wind	5.649	112.124			
6) SOLAR	3.269	63.585			
TOTAL STATE	275.960	6255.898			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5578	5778	5180	4450
MSPGCL Hydro	184	115	407	74
MSPGCL Gas	267	265	271	281
MSPGCL Total Generation	6029	6158	5858	4805
Central Sector Receipt	6352	6013	5659	4778
WIND	86	92	100	423
CPP / IPP Thermal	4470	4544	4890	3741
CPP / IPP Gas	0	0	0	0
SOLAR	460	452	0	0
Exchange with Mumbai	-1493	-1428	-1229	-1009
MSEDCL DEMAND MET	15904	15831	15278	12738
Load Shedding	0	0	0	0
MSEDCL DEMAND	15904	15831	15278	12738
TPCL GENERATION	1066	1110	1218	616
R-INFRA GENERATION	491	495	499	375
MUMBAI DEMAND	3050	3033	2946	2000
STATE DEMAND MET	18954	18864	18224	14738
STATE DEMAND	18954	18864	18224	14738
Frequency (Hz)	49.95	49.98	49.98	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13.00 Hrs	49.78 Hz at 00.05 Hrs	49.95	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 24/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	10.69	256.28	514	373
Unit 9	0.00	0.00	0	0
Unit 10	9.86	245.40	478	350
Total	20.54	501.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.06	202.28	490	360
Unit 5	9.99	201.38	500	360
Total	20.06	403.66		
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	4.59	33.78	204	174
Total	4.59	129.14		
Chandrapur				
Unit 3	3.26	3.26	196	15
Unit 4	4.42	71.71	193	164
Unit 5	4.13	186.78	350	0
Unit 6	0.00	107.21	0	0
Unit 7	10.51	229.27	461	369
Unit 8	7.49	176.49	490	0
Unit 9	10.25	199.70	464	353
Total	40.07	974.43		
Paras				
Unit 3	5.60	88.94	249	198
Unit 4	5.64	112.20	250	180
Total	11.24	201.14		
Khaparkheda				
Unit 1	3.74	4.84	170	135
Unit 2	4.25	41.88	205	155
Unit 3	0.00	0.00	0	0
Unit 4	0.00	57.33	0	0
Unit 5	10.08	222.18	450	360
Total	18.06	326.23		
Nasik				
Unit 3	3.90	69.39	175	155
Unit 4	4.08	50.28	201	139
Unit 5	0.00	56.82	0	0
Total	7.99	176.49		
Uran				
All Units	6.62	169.86	294	254
Total	6.62	169.86		
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)	0.41	13.19	36	0
Total	0.41	13.19		
Koyna				
Stage 1-2	1.92	62.96	285	40
Stage 4	0.19	46.36	170	0
Stage 3	0.45	26.71	80	0
Total	2.56	136.03		
Hydro				
KDPH	0.00	2.03	0	0
VTRNA	0.00	4.68	0	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	5.52	40	0
RNGR+BHTSA	0.37	7.47	16	15
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	4.87	3	2
GHATGHAR	0.12	2.59	125	0
Total	0.83	29.20		
Wind				
Total	5.65	112.12	0	0
Total	5.65	112.12		
CPP				
APML(Mus)	51.63	1137.39	0	0
JSWEL(Mus)	22.92	586.24	0	0
VIPL(Mus)	13.40	231.29	0	0
RPLAMT(Mus)	8.37	206.21	0	0
WPCL(Mus)	2.09	49.09	0	0
Other(Mus)	5.74	145.56	0	0
Total	104.16	2355.79		
SOLAR				
Total	3.27	63.58	0	0
Total	3.27	63.58		
Tata				
Trombay 5	8.65	206.69	486	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	35.31	62	53
Trombay 7B	1.09	27.28	48	42
Trombay 8	5.29	125.27	248	200
TATA Hydro	4.01	84.82	441	0
Total	20.42	479.36		
R-INFRA				
DTPS U-1&2	9.92	197.16	501	374
Total	9.92	197.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.54	2712.78	MSPGCL Total	132.55	3047.88
			MSPGCL Thml+Gas	129.16	2882.64	Koyna 1,2 & 4 Total	2.11	109.32
			MSPGCL Hydro	3.39	165.24	State Total	275.96	6255.90

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/Oct/2017

Annexure-2

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	4390	69	276	4735	363	3783	0	0	5104	4995	-1326	12550	0	12550	2318	14868	49.91
2	4392	59	278	4729	379	3755	0	0	4782	4910	-1135	12638	0	12638	2205	14843	49.90
3	4424	64	290	4778	382	3737	0	0	4635	4837	-1075	12659	0	12659	2085	14744	49.93
4	4450	74	281	4805	423	3741	0	0	4638	4778	-1009	12738	0	12738	2000	14738	49.93
5	4565	184	292	5041	431	3796	0	0	4669	4892	-920	13240	0	13240	1911	15151	49.92
6	4951	69	283	5303	434	4217	0	0	5017	4693	-909	13738	0	13738	1901	15639	49.92
7	5080	64	294	5438	505	4291	0	8	5687	5509	-984	14767	0	14767	1964	16731	49.93
8	5063	64	284	5411	367	4274	0	99	5786	5789	-1118	14822	0	14822	2105	16927	49.99
9	5136	72	292	5500	277	4279	0	245	5838	5900	-1402	14799	0	14799	2422	17221	49.99
10	5380	104	275	5759	209	4307	0	355	5745	5781	-1581	14830	0	14830	2714	17544	49.91
11	5659	195	272	6126	153	4367	0	417	5956	5940	-1890	15113	0	15113	2981	18094	49.95
12	5578	184	267	6029	86	4470	0	460	6293	6352	-1493	15904	0	15904	3050	18954	49.95
13	5778	115	265	6158	92	4544	0	452	6204	6013	-1428	15831	0	15831	3033	18864	49.98
14	5714	73	254	6041	89	4467	0	436	6152	6421	-1656	15798	0	15798	2906	18704	49.98
15	5710	222	262	6194	61	4660	0	348	5901	6196	-1632	15827	0	15827	2947	18774	49.96
16	5709	164	262	6135	46	4601	0	274	6060	6141	-1347	15850	0	15850	2986	18836	49.92
17	5679	382	254	6315	58	4595	0	145	5559	5586	-1249	15450	0	15450	2978	18428	49.93
18	5547	207	265	6019	48	4764	0	30	5071	5259	-1158	14962	0	14962	2929	17891	49.97
19	5180	407	271	5858	100	4890	0	0	5575	5659	-1229	15278	0	15278	2946	18224	49.98
20	5051	260	273	5584	194	4910	0	0	5786	5833	-1191	15330	0	15330	2843	18173	50.03
21	5028	70	279	5377	194	4702	0	0	5734	5491	-1381	14383	0	14383	2740	17123	49.99
22	4745	102	279	5126	216	4578	0	0	5078	5352	-1290	13982	0	13982	2577	16559	49.99
23	4663	102	280	5045	251	4361	0	0	5141	5208	-1358	13507	0	13507	2500	16007	49.95
24	4670	84	288	5042	291	4068	0	0	5013	4723	-1339	12785	0	12785	2395	15180	49.96
MUs	122.54	3.39	6.62	132.55	5.65	104.16	0.00	3.27	131.42	132.26	-31.10	346.78	0.00	346.78	61.44	408.22	49.95

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 24/Oct/2017

Position as on 6.30 Hrs of 25/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 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	
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	Khaparkhedda 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	24/10/2017	11.00	Problem in submerged Scrapper chain. (Coal shortage)	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Oct/2017

Position as on 6.30 Hrs of 25/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 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.	
IPP	RPL(AMT) U-4	270	16/10/2017	14.47		Continued.	Flame Failure Converted into zero schedule.(21.30 hrs. Dt 16-10-2017)	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	
MSPGCL	Chandrapur Unit 5	500	20/10/2017	18.40	24/10/2017	08.32	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	21/10/2017	19.25		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	24/10/2017	02.52		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	24/10/2017	18.17		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 25/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
Kolhapur Solapur (PG) II	InterState	22/10/2017	20.31	24/10/2017	15.33	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/10/2017	18.00		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
Karad-Jaigad - I	IntraState	16/10/2017	18.39		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	17/10/2017	17.28		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	23/10/2017	23.05	24/10/2017	07.21	HT	Over Voltage
Bus Coupler @ Koradi	IntraState	24/10/2017	11.46	24/10/2017	13.55	EO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	24/10/2017	20.56		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	24/10/2017	16.42	24/10/2017	20.02	PO	replacement of faulty dc cable.
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.
Solapur(PG)- Jeur	InterState	24/10/2017	14.40	24/10/2017	15.09	T	Distance Protection
Tillari Amona	InterState	24/10/2017	23.17	24/10/2017	09.10	T	Over Voltage
Mahalakshmi Amona	InterState	24/10/2017	23.17	24/10/2017	09.18	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
Tata Borivli MSETCL Borivli 5	IntraState	23/10/2017	15.40		Continued.	EO	Attending Hot Spot
Koradi II - Kawlewada	IntraState	24/10/2017	08.08	24/10/2017	12.30	HT	to manage ict loading at kawlewada.
Malharpeth - Karad(400kv)	IntraState	24/10/2017	09.10	24/10/2017	14.17	PO	replacement of c ts due to high tan delta values.
Purti-Bhugaon	IntraState	24/10/2017	11.05	24/10/2017	18.10	PO	Replacement of insulator string at loc.no 252.
Uran - Hoc 1	IntraState	24/10/2017	11.26	24/10/2017	16.56	EO	Attending Hot Spot
Hinganghat - Bhugaon	IntraState	24/10/2017	12.15	24/10/2017	13.29	T	Distance Protection
Kalwa - Taloja	IntraState	24/10/2017	13.23	24/10/2017	18.12	T	Distance Protection
Taloja II - OCIL-I	IntraState	24/10/2017	13.23	24/10/2017	14.14	T	tripped with kalwa taloja line.
Pedhambe - Oni	IntraState	24/10/2017	13.52	24/10/2017	22.30	T	Distance Protection
Mahad - Pedambe	IntraState	24/10/2017	14.10	24/10/2017	20.55	T	Distance Protection
Mahad-Kandalgaon	IntraState	24/10/2017	14.10	24/10/2017	17.15	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 220/110KV 100MVA ICT 2 by new 220/132-110KV 200MVA ICT
220/132 kv 100MVA ICT-I @ Shivajinagar	IntraState	24/10/2017	05.10	24/10/2017	06.17	T	132 kv bus section I PT burst and Bus Bar Operated.

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 24/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 25/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 100MVA ICT @ Kawlewadi	IntraState	24/10/2017	08.14	24/10/2017	12.27	PO	Attending Oil Leakages of ICT
220/33kV 125 MVA Transformer 2 @Chembur R/S	IntraState	24/10/2017	08.57	25/10/2017	00.25	PO	Annual Maintenance Work
220/132KV 100MVA ICT-I @ Satara	IntraState	24/10/2017	10.50	24/10/2017	16.10	PO	to attend compressor air leakage.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	24/10/2017	13.23	24/10/2017	14.06	T	tripped with kalwa taloja line.
132 KV LINE Outages/Trippings							
Dhule- Sakri	IntraState	24/10/2017	05.10	24/10/2017	06.04	T	132 kv bus section I PT burst and Bus Bar Operated.
Chalishaon- Kannad	IntraState	24/10/2017	15.38	24/10/2017	16.15	T	Distance Protection