

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 25/Oct/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.516	2837.044	1) Gujrat	1.881	-54.169
2) Hydro	3.424	168.662	2) Madhya Pradesh	8.738	278.978
3) Gas	7.140	177.001	3) Chattisgarh	4.730	162.440
Total MSPGCL	138.080	3182.707	4) Maharashtra Net	112.101	2879.642
B) 1) APML	50.800	1188.193	5) Goa (Amona)	-0.330	-5.016
2) JSWEL	23.672	609.909	Total	127.120	3261.875
3) VIPL	13.164	244.452	a) Mumbai Schedule	22.660	594.174
4) RPL(AMT)	11.712	217.925	b) Mumbai Drawl	28.343	817.725
5) WPCL	1.275	50.366	c) MSEDCL Bilateral *	33.158	853.151
6) PGPL	0.000	0.000	Include PX	1.345	46.141
7) Other IPP	5.788	151.352	d) Mumbai Bilateral *	22.660	593.324
C) 1) TPCL Thermal	14.064	346.021	Include PX	3.607	102.071
2) TPCL Hydro	5.886	90.703	Include Standby	0.000	0.850
3) TPCL Gas	2.587	65.177	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.287	207.444	1) MSEDCL	351.398	8272.893
D) STATE			2) Mumbai Discoms	61.167	1527.063
1) Thermal	258.278	5852.706	TOTAL STATE	412.565	9799.956
(A1+C1+C4+(B1-B6))					
2) Hydro	9.310	259.365			
(A2+C2)					
3) Gas	9.727	242.178			
(A3+B6+C3)					
4) Wind	4.565	116.689			
6) SOLAR	3.565	67.150			
TOTAL STATE	285.445	6538.088			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5638	5756	5740	4438
MSPGCL Hydro	112	386	211	63
MSPGCL Gas	269	267	322	292
MSPGCL Total Generation	6019	6409	6273	4793
Central Sector Receipt	6192	6185	5377	4690
WIND	109	50	96	302
CPP / IPP Thermal	4740	4464	4723	4014
CPP / IPP Gas	0	0	0	0
SOLAR	489	293	0	0
Exchange with Mumbai	-1365	-1226	-1215	-1013
MSEDCL DEMAND MET	16184	16175	15254	12786
Load Shedding	0	0	0	0
MSEDCL DEMAND	16184	16175	15254	12786
TPCL GENERATION	1184	1300	1289	618
R-INFRA GENERATION	498	499	499	377
MUMBAI DEMAND	3047	3025	3003	2008
STATE DEMAND MET	19231	19200	18257	14794
STATE DEMAND	19231	19200	18257	14794
Frequency (Hz)	49.90	49.85	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 21.33 Hrs	49.76 Hz at 15.26 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 25/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	0.17	0.17	43	0
Unit 8	11.55	267.83	530	415
Unit 9	0.00	0.00	0	0
Unit 10	11.14	256.55	550	350
Total	22.86	524.55		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.35	212.63	495	360
Unit 5	10.34	211.72	500	360
Total	20.69	424.35		
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	4.56	38.33	206	154
Total	4.56	133.69		
Chandrapur				
Unit 3	0.08	0.08	78	0
Unit 4	4.34	76.05	190	160
Unit 5	9.34	196.12	410	334
Unit 6	5.12	112.33	405	0
Unit 7	10.24	239.51	460	360
Unit 8	0.00	176.49	0	0
Unit 9	10.57	210.27	461	375
Total	39.68	1010.86		
Paras				
Unit 3	5.58	94.51	250	190
Unit 4	5.54	117.74	250	192
Total	11.12	212.26		
Khaparkheda				
Unit 1	3.87	8.71	170	130
Unit 2	3.94	45.83	180	135
Unit 3	0.00	0.00	0	0
Unit 4	2.36	59.69	171	0
Unit 5	10.26	232.44	450	360
Total	20.43	346.67		
Nasik				
Unit 3	3.90	73.30	165	155
Unit 4	4.28	54.55	196	160
Unit 5	0.00	56.82	0	0
Total	8.18	184.67		
Uran				
All Units	7.14	177.00	389	250
Total	7.14	177.00		
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)	0.52	13.71	30	0
Total	0.52	13.71		
Koyna				
Stage 1-2	1.92	64.88	305	40
Stage 4	0.00	46.36	0	0
Stage 3	0.32	27.03	80	0
Total	2.24	138.28		
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.	0.25	5.77	40	0
RNGR+BHTSA	0.37	7.84	16	15
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	4.91	2	1
GHATGHAR	0.52	3.12	125	0
Total	1.18	30.38		
Wind				
Total	4.56	116.69	0	0
Total	4.56	116.69		
CPP				
APML(Mus)	50.80	1188.19	0	0
JSWEL(Mus)	23.67	609.91	0	0
VIPL(Mus)	13.16	244.45	0	0
RPLAMT(Mus)	11.71	217.92	0	0
WPCL(Mus)	1.28	50.37	0	0
Other(Mus)	5.79	151.35	0	0
Total	106.41	2462.20		
SOLAR				
Total	3.56	67.15	0	0
Total	3.56	67.15		
Tata				
Trombay 5	8.68	215.38	485	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	36.78	81	55
Trombay 7B	1.12	28.40	55	43
Trombay 8	5.38	130.65	247	185
TATA Hydro	5.89	90.70	459	0
Total	22.54	501.90		
R-INFRA				
DTPS U-1&2	10.29	207.44	501	375
Total	10.29	207.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.52	2837.04	MSPGCL Total	138.08	3182.71
			MSPGCL Thml+Gas	134.66	3014.04	Koyna 1,2 & 4 Total	1.92	111.25
			MSPGCL Hydro	3.42	168.66	State Total	285.44	6538.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4512	58	280	4850	314	4007	0	0	4812	4764	-1235	12700	0	12700	2233	14933	49.91
2	4438	63	292	4793	302	4014	0	0	4664	4690	-1013	12786	0	12786	2008	14794	49.95
3	4488	68	282	4838	338	4008	0	0	4567	4677	-944	12917	0	12917	1932	14849	49.98
4	4504	68	292	4864	326	4007	0	0	4567	4674	-863	13008	0	13008	1848	14856	49.95
5	4830	58	290	5178	350	4012	0	0	4584	4772	-828	13484	0	13484	1813	15297	49.95
6	5033	63	282	5378	364	4517	0	0	4835	4647	-846	14060	0	14060	1872	15932	49.91
7	5072	63	284	5419	376	4841	0	14	5395	5082	-867	14865	0	14865	1952	16817	49.96
8	5084	63	279	5426	293	4844	0	127	5405	5557	-965	15282	0	15282	2081	17363	50.00
9	5243	66	276	5585	155	4774	0	265	5414	5385	-1107	15057	0	15057	2336	17393	49.98
10	5312	98	274	5684	168	4610	0	391	5401	5447	-1367	14933	0	14933	2736	17669	49.95
11	5509	153	291	5953	137	4705	0	454	5645	5832	-1433	15648	0	15648	2992	18640	49.92
12	5638	112	269	6019	109	4740	0	489	6295	6192	-1365	16184	0	16184	3047	19231	49.90
13	5689	60	261	6010	112	4503	0	501	6131	6253	-1335	16044	0	16044	3020	19064	49.94
14	5777	202	261	6240	65	4257	0	466	6034	6221	-1261	15988	0	15988	2948	18936	49.93
15	5756	361	250	6367	56	4307	0	390	6050	6028	-1307	15841	0	15841	3018	18859	49.89
16	5756	386	267	6409	50	4464	0	293	6136	6185	-1226	16175	0	16175	3025	19200	49.85
17	5778	526	280	6584	32	4525	0	150	5516	5792	-1209	15874	0	15874	3022	18896	49.85
18	5743	318	299	6360	45	4720	0	25	4983	5144	-1180	15114	0	15114	2989	18103	49.94
19	5740	211	322	6273	96	4723	0	0	5181	5377	-1215	15254	0	15254	3003	18257	49.95
20	5821	176	350	6347	106	4810	0	0	5238	5179	-1174	15268	0	15268	2917	18185	50.00
21	5689	73	351	6113	151	4651	0	0	5039	4919	-1388	14446	0	14446	2802	17248	49.98
22	5531	61	356	5948	170	4067	0	0	4941	5061	-1371	13875	0	13875	2608	16483	50.05
23	5524	61	389	5974	181	4124	0	0	4804	4570	-1448	13401	0	13401	2541	15942	50.03
24	5049	56	363	5468	269	4181	0	0	4667	4672	-1396	13194	0	13194	2424	15618	49.97
MUs	127.5 2	3.42	7.14	138.08	4.57	106.41	0.00	3.57	126.30	127.12	-28.34	351.40	0.00	351.40	61.17	412.56	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 25/Oct/2017

Position as on 6.30 Hrs of 26/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 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	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12	25/10/2017	19.12	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	25/10/2017	15.08	Gas Turbine Work	
MSPGCL	Uran Unit B0	120	05/10/2017	00.11	25/10/2017	22.01	Gas Turbine Work	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Oct/2017

Position as on 6.30 Hrs of 26/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-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 6	500	21/10/2017	19.25	25/10/2017	09.37	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	24/10/2017	02.52	25/10/2017	08.16	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 25/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 26/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	23/10/2017	18.00	25/10/2017	10.20	HT	Over Voltage
Wardha (Pg) Warora I	InterState	25/10/2017	10.01		Continued.	PO	Power Line Crossing.
Akola Wardha li	InterState	25/10/2017	13.35	25/10/2017	21.00	PO	Stringing Work.
Parli(MS)-Parli (PG) II	InterState	25/10/2017	14.26	25/10/2017	16.55	EO	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	25/10/2017	17.41		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	25/10/2017	11.07	HT	Over Voltage
karad -kolhapur-I	IntraState	17/10/2017	17.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/10/2017	20.56	25/10/2017	09.34	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	25/10/2017	07.57	25/10/2017	12.46	PO	Maintenance Work In Progress.
Warora -IEPL	IntraState	25/10/2017	12.09		Continued.	PO	Power Line Crossing.
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	24/10/2017	21.22	25/10/2017	09.07	T	Over Voltage
Tillari Amona	InterState	24/10/2017	21.22	25/10/2017	09.07	T	Over Voltage
Tillari Amona	InterState	25/10/2017	17.08	25/10/2017	18.14	T	Distance Protection
Mahalakshmi Amona	InterState	25/10/2017	17.10	25/10/2017	18.05	T	Backup EF.
Tillari Amona	InterState	26/10/2017	00.06	26/10/2017	09.00	T	Over Voltage
Mahalakshmi Amona	InterState	26/10/2017	00.06	26/10/2017	09.40	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	25/10/2017	18.09	EO	Attending Hot Spot
Pophali - Kdph	IntraState	24/10/2017	11.15	25/10/2017	16.40	T	Distance Protection
Tembhurni - Jeur	IntraState	25/10/2017	10.04	25/10/2017	13.00	PO	Annual Maintenance Work
Peth- Mudshingi -I	IntraState	25/10/2017	10.10	25/10/2017	13.43	PO	Annual Maintenance Work
Lamboti - Pandharpur li	IntraState	25/10/2017	12.24	25/10/2017	15.20	PO	Replacement of Wavetrap Jumper
Pedhambe - Oni	IntraState	25/10/2017	14.05	25/10/2017	21.05	PO	Insulator string Replacement.
Kalwa - Taloja	IntraState	25/10/2017	15.42	25/10/2017	16.08	T	Along With Taloja Ocil-1.
Taloja II - OCIL-I	IntraState	25/10/2017	15.42	25/10/2017	18.56	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
220/33kV 125 MVA Transformer 2 @Chembur R/S	IntraState	24/10/2017	08.57	25/10/2017	00.25	PO	Annual 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 25/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 26/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 100 Mva Transformer 3 @Versova R/S	IntraState	25/10/2017	08.26	25/10/2017	17.46	PO	Spacer Fixing Work.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	25/10/2017	15.42	25/10/2017	16.09	T	Along With Taloja Ocil-1.