

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 26/Oct/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.279	2970.323	1) Gujrat	0.566	-53.603
2) Hydro	3.785	172.447	2) Madhya Pradesh	7.730	286.708
3) Gas	9.953	186.954	3) Chattisgarh	5.050	167.490
Total MSPGCL	147.017	3329.724	4) Maharashtra Net	103.230	2982.872
B) 1) APML	54.300	1242.493	5) Goa (Amona)	-0.264	-5.280
2) JSWEL	26.108	636.017	Total	116.312	3378.187
3) VIPL	12.332	256.784	a) Mumbai Schedule	19.741	613.915
4) RPL(AMT)	11.151	229.076	b) Mumbai Drawl	28.210	845.935
5) WPCL	1.169	51.535	c) MSEDCL Bilateral *	31.758	884.909
6) PGPL	0.000	0.000	Include PX	0.000	46.141
7) Other IPP	6.138	157.490	d) Mumbai Bilateral *	19.741	613.065
C) 1) TPCL Thermal	13.862	359.883	Include PX	1.238	103.309
2) TPCL Hydro	6.139	96.842	Include Standby	0.000	0.850
3) TPCL Gas	3.051	68.228	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.054	217.498	1) MSEDCL	356.025	8628.918
D) STATE			2) Mumbai Discoms	61.316	1588.379
1) Thermal	268.393	6121.099	TOTAL STATE	417.341	10217.297
(A1+C1+C4+(B1-B6))					
2) Hydro	9.924	269.289			
(A2+C2)					
3) Gas	13.004	255.182			
(A3+B6+C3)					
4) Wind	6.359	123.048			
6) SOLAR	3.349	70.499			
TOTAL STATE	301.029	6839.117			

* 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 2 Hrs
MSPGCL Thermal	6042	5998	5777	4996
MSPGCL Hydro	327	233	259	66
MSPGCL Gas	403	401	415	374
MSPGCL Total Generation	6772	6632	6451	5436
Central Sector Receipt	5297	5498	4655	4193
WIND	240	188	198	415
CPP / IPP Thermal	5060	5006	5148	3991
CPP / IPP Gas	0	0	0	0
SOLAR	467	495	0	0
Exchange with Mumbai	-1347	-1320	-1144	-1109
MSEDCL DEMAND MET	16489	16499	15308	12926
Load Shedding	0	0	0	0
MSEDCL DEMAND	16489	16499	15308	12926
TPCL GENERATION	1243	1213	1289	607
R-INFRA GENERATION	489	498	500	376
MUMBAI DEMAND	3079	3031	2933	2092
STATE DEMAND MET	19568	19530	18241	15018
STATE DEMAND	19568	19530	18241	15018
Frequency (Hz)	49.95	49.96	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.00 Hrs	49.75 Hz at 17.40 Hrs	49.94	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 26/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	2.68	2.85	160	39
Unit 8	10.43	278.26	510	0
Unit 9	0.00	0.00	0	0
Unit 10	12.29	268.84	552	450
Total	25.40	549.95		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.39	222.02	500	350
Unit 5	9.38	221.10	500	345
Total	18.77	443.12		
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	4.63	42.96	206	179
Total	4.63	138.32		
Chandrapur				
Unit 3	0.00	0.08	0	0
Unit 4	4.20	80.25	189	157
Unit 5	9.35	205.48	405	365
Unit 6	9.38	121.71	410	360
Unit 7	10.10	249.60	460	360
Unit 8	1.81	178.30	368	0
Unit 9	9.92	220.19	457	355
Total	44.76	1055.62		
Paras				
Unit 3	5.37	99.89	250	173
Unit 4	5.38	123.12	249	160
Total	10.75	223.01		
Khaparkheda				
Unit 1	3.56	12.27	160	135
Unit 2	3.98	49.82	195	150
Unit 3	0.00	0.00	0	0
Unit 4	4.07	63.76	195	156
Unit 5	9.19	241.64	450	355
Total	20.81	367.48		
Nasik				
Unit 3	3.86	77.16	170	157
Unit 4	4.30	58.85	201	162
Unit 5	0.00	56.82	0	0
Total	8.16	192.83		
Uran				
All Units	9.95	186.95	450	360
Total	9.95	186.95		
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)	0.55	14.26	24	20
Total	0.55	14.26		
Koyna				
Stage 1-2	1.63	66.52	225	40
Stage 4	0.11	46.47	106	0
Stage 3	0.51	27.54	80	0
Total	2.25	140.52		
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.	0.32	6.09	40	0
RNGR+BHTSA	0.37	8.22	16	15
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	4.94	2	1
GHATGHAR	0.81	3.93	125	0
Total	1.54	31.92		
Wind				
Total	6.36	123.05	0	0
Total	6.36	123.05		
CPP				
APML(Mus)	54.30	1242.49	0	0
JSWEL(Mus)	26.11	636.02	0	0
VIPL(Mus)	12.33	256.78	0	0
RPLAMT(Mus)	11.15	229.08	0	0
WPCL(Mus)	1.17	51.54	0	0
Other(Mus)	6.14	157.49	0	0
Total	111.20	2573.40		
SOLAR				
Total	3.35	70.50	0	0
Total	3.35	70.50		
Tata				
Trombay 5	8.65	224.02	486	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	38.57	86	59
Trombay 7B	1.26	29.66	57	45
Trombay 8	5.21	135.86	248	199
TATA Hydro	6.14	96.84	459	0
Total	23.05	524.95		
R-INFRA				
DTPS U-1&2	10.05	217.50	500	374
Total	10.05	217.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.28	2970.32	MSPGCL Total	147.02	3329.72
			MSPGCL Thml+Gas	143.23	3157.28	Koyna 1,2 & 4 Total	1.74	112.98
			MSPGCL Hydro	3.78	172.45	State Total	301.03	6839.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5074	56	360	5490	338	4212	0	0	4377	4167	-1287	12920	0	12920	2270	15190	49.95
2	4996	66	374	5436	415	3991	0	0	4385	4193	-1109	12926	0	12926	2092	15018	49.95
3	4997	56	427	5480	416	3888	0	0	4381	4311	-963	13132	0	13132	1947	15079	50.01
4	5023	56	438	5517	409	3895	0	0	4382	4286	-875	13232	0	13232	1857	15089	49.95
5	5025	56	432	5513	466	3906	0	0	4440	4399	-845	13439	0	13439	1828	15267	49.90
6	5370	81	445	5896	473	4136	0	0	4673	4579	-904	14180	0	14180	1884	16064	49.95
7	5672	141	450	6263	454	4801	0	11	5038	4585	-958	15156	0	15156	1954	17110	49.94
8	5543	151	435	6129	381	4684	0	111	5042	5043	-974	15374	0	15374	2086	17460	49.95
9	5634	141	425	6200	229	4665	0	261	4956	5333	-1222	15466	0	15466	2372	17838	49.99
10	5652	136	420	6208	203	4660	0	373	5036	5043	-1366	15121	0	15121	2743	17864	49.93
11	5831	331	413	6575	221	4759	0	449	5227	5512	-1562	15954	0	15954	3045	18999	49.97
12	6042	327	403	6772	240	5060	0	467	5486	5297	-1347	16489	0	16489	3079	19568	49.95
13	5998	233	401	6632	188	5006	0	495	5440	5498	-1320	16499	0	16499	3031	19530	49.96
14	5874	228	390	6492	164	5001	0	441	5362	5434	-1305	16227	0	16227	2943	19170	49.93
15	5756	373	396	6525	136	5029	0	342	5381	5589	-1232	16389	0	16389	3014	19403	49.91
16	5765	248	398	6411	127	5140	0	249	5503	5468	-1221	16174	0	16174	3046	19220	49.94
17	5842	183	399	6424	139	5131	0	132	5117	5022	-1186	15662	0	15662	3013	18675	49.91
18	5846	138	404	6388	132	5121	0	18	4791	4864	-1119	15404	0	15404	2925	18329	49.89
19	5777	259	415	6451	198	5148	0	0	4864	4655	-1144	15308	0	15308	2933	18241	49.92
20	5835	113	418	6366	224	5062	0	0	5108	4769	-1249	15172	0	15172	2881	18053	49.97
21	5798	98	432	6328	219	4907	0	0	4903	4628	-1343	14739	0	14739	2707	17446	49.97
22	5527	98	423	6048	216	4393	0	0	4675	4698	-1285	14070	0	14070	2651	16721	49.96
23	5266	148	434	5848	191	4191	0	0	4614	4701	-1249	13682	0	13682	2524	16206	49.93
24	5136	68	421	5625	180	4408	0	0	4347	4238	-1145	13306	0	13306	2491	15797	49.92
MUs	133.28	3.79	9.95	147.02	6.36	111.20	0.00	3.35	117.53	116.31	-28.21	356.03	0.00	356.03	61.32	417.34	49.94

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 26/Oct/2017

Position as on 6.30 Hrs of 27/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	Khaparkheda Unit 3	210	12/09/2017	00.00		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	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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Oct/2017

Position as on 6.30 Hrs of 27/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit-8	500	24/10/2017	18.17	26/10/2017	16.21	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	26/10/2017	22.37		Continued.	ESP 'A'pass Gate Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 27/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
Wardha (Pg) Warora I	InterState	25/10/2017	10.01	26/10/2017	21.24	PO	Power Line Crossing.
Dhule Sar'Sarovar II	InterState	25/10/2017	17.41	26/10/2017	11.08	HT	Over Voltage
Akola Wardha li	InterState	26/10/2017	10.23	26/10/2017	20.42	PO	Stringing work
Dhule Sar'Sarovar I	InterState	26/10/2017	18.15		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03	26/10/2017	14.57	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	17/10/2017	17.28		Continued.	HT	Over Voltage
Warora -IEPL	IntraState	25/10/2017	12.09	26/10/2017	22.13	PO	Power Line Crossing.
Jaigad-Karad Ckt-II	IntraState	25/10/2017	21.46		Continued.	HT	Over Voltage
Bus Coupler @ Koradi	IntraState	26/10/2017	10.48	26/10/2017	19.50	PO	Repl.of Isolator Hanger
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work
Bhusawal-Aurangabad	IntraState	26/10/2017	23.00	27/10/2017	06.56	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.
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
Borivali - Tarapur	InterState	26/10/2017	11.01		Continued.	HT	Zone-II Main Bus outage
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
Nanded-Ghatodi	IntraState	26/10/2017	07.57	26/10/2017	19.06	PO	Stringing work by PGCIL
Nanded-Parbhani	IntraState	26/10/2017	08.08	26/10/2017	18.45	PO	Stringing work by PGCIL
Purti-Bhugaon	IntraState	26/10/2017	10.07	26/10/2017	17.58	PO	Repl.of Insulator String
Parli 3 (Oldgcr)-Harangul Ckt I	IntraState	26/10/2017	10.37	26/10/2017	14.20	EO	To attend Hot Spot
Parly-Parly Extn.-II	IntraState	26/10/2017	10.43	26/10/2017	12.40	EO	To attend Hot Spot
TALEGAON - TALEGAON ambi (PG) -I	IntraState	26/10/2017	13.40	26/10/2017	18.48	PO	Damaged Conductor replacement work
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	26/10/2017	15.00	26/10/2017	19.45	EO	To attend Hot Spot
Pedhambe - Oni	IntraState	26/10/2017	15.55	26/10/2017	17.40	PO	Tree cutting work
Nerul - Sonkhar	IntraState	27/10/2017	06.07		Continued.	PO	Replacement of CT Conductor
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
220/132kv 200MVA ICT-I@ Tilawani	IntraState	26/10/2017	10.10	26/10/2017	17.10	PO	Routine Maintenance Work
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	26/10/2017	11.39	26/10/2017	14.50	T	Bus Bar Protection Operated
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	26/10/2017	11.39	26/10/2017	11.59	T	ICT-I LV side LBB 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 26/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 27/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Kanhan-Bhandara	IntraState	26/10/2017	05.26	26/10/2017	05.44	T	Distance Protection
Pbn-li - Jintoor	IntraState	26/10/2017	11.39	26/10/2017	12.08	T	Bus Bar Protection Operated
Parbhani-Purna	IntraState	26/10/2017	11.39	26/10/2017	12.00	T	Bus Bar Protection Operated
Pbn-li - Pathri	IntraState	26/10/2017	11.39	26/10/2017	12.05	T	Bus Bar Protection Operated
Parbhani - Parbhani I	IntraState	26/10/2017	11.39	26/10/2017	12.08	T	Bus Bar Protection Operated
Risod-Yeldari	IntraState	26/10/2017	14.26		Continued.	T	Distance Protection