

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 27/Oct/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.978	3103.301	1) Gujrat	-0.585	-54.188
2) Hydro	4.574	177.021	2) Madhya Pradesh	7.775	294.483
3) Gas	10.176	197.130	3) Chattisgarh	4.840	172.330
Total MSPGCL	147.728	3477.452	4) Maharashtra Net	107.615	3090.487
B) 1) APML	55.402	1297.895	5) Goa (Amona)	-0.440	-5.720
2) JSWEL	26.696	662.713	Total	119.205	3497.392
3) VIPL	13.130	269.914	a) Mumbai Schedule	20.525	634.440
4) RPL(AMT)	11.712	240.788	b) Mumbai Drawl	27.871	873.806
5) WPCL	0.928	52.463	c) MSEDCL Bilateral *	30.610	915.520
6) PGPL	0.000	0.000	Include PX	0.000	46.141
7) Other IPP	4.880	162.370	d) Mumbai Bilateral *	20.525	633.590
C) 1) TPCL Thermal	15.020	374.903	Include PX	1.258	104.567
2) TPCL Hydro	6.047	102.889	Include Standby	0.000	0.850
3) TPCL Gas	3.041	71.269	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.523	228.021	1) MSEDCL	356.931	8985.849
D) STATE			2) Mumbai Discoms	62.501	1650.880
1) Thermal	271.269	6392.368	TOTAL STATE	419.432	10636.729
(A1+C1+C4+(B1-B6))					
2) Hydro	10.621	279.910			
(A2+C2)					
3) Gas	13.217	268.399			
(A3+B6+C3)					
4) Wind	2.109	125.157			
6) SOLAR	3.012	73.511			
TOTAL STATE	300.228	7139.345			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5508	5608	5673	5012
MSPGCL Hydro	815	227	277	63
MSPGCL Gas	390	410	416	440
MSPGCL Total Generation	6713	6245	6366	5515
Central Sector Receipt	5629	5750	5060	4529
WIND	42	56	103	161
CPP / IPP Thermal	5074	5100	4950	4108
CPP / IPP Gas	0	0	0	0
SOLAR	455	299	0	0
Exchange with Mumbai	-1357	-1276	-1204	-1080
MSEDCL DEMAND MET	16556	16173	15275	13234
Load Shedding	0	0	0	0
MSEDCL DEMAND	16556	16173	15275	13234
TPCL GENERATION	1309	1306	1312	669
R-INFRA GENERATION	499	500	499	375
MUMBAI DEMAND	3165	3082	3015	2124
STATE DEMAND MET	19721	19255	18290	15358
STATE DEMAND	19721	19255	18290	15358
Frequency (Hz)	49.92	49.87	49.93	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 18.00 Hrs	49.68 Hz at 07.15 Hrs	49.92	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 27/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	3.65	6.50	160	130
Unit 8	0.00	278.26	0	0
Unit 9	0.00	0.00	0	0
Unit 10	14.29	283.13	667	450
Total	17.94	567.89		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.72	230.74	490	345
Unit 5	8.88	229.98	495	350
Total	17.60	460.72		
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	4.71	47.67	208	183
Total	4.71	143.03		
Chandrapur				
Unit 3	0.00	0.08	0	0
Unit 4	3.84	84.10	165	153
Unit 5	9.56	215.04	405	365
Unit 6	9.59	131.31	410	365
Unit 7	9.71	259.31	450	361
Unit 8	9.37	187.67	404	351
Unit 9	9.29	229.48	397	364
Total	51.36	1106.98		
Paras				
Unit 3	5.31	105.20	250	196
Unit 4	5.11	128.23	244	189
Total	10.42	233.43		
Khaparkheda				
Unit 1	3.88	16.14	175	145
Unit 2	4.18	54.00	210	130
Unit 3	0.00	0.00	0	0
Unit 4	4.14	67.90	198	156
Unit 5	10.60	252.24	457	365
Total	22.80	390.28		
Nasik				
Unit 3	3.83	80.99	165	155
Unit 4	4.31	63.16	198	156
Unit 5	0.00	56.82	0	0
Total	8.15	200.98		
Uran				
All Units	10.18	197.13	448	390
Total	10.18	197.13		
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)	0.56	14.82	24	20
Total	0.56	14.82		
Koyna				
Stage 1-2	2.02	68.53	310	40
Stage 4	0.46	46.93	347	0
Stage 3	0.45	27.99	160	0
Total	2.93	143.46		
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.	0.44	6.53	40	0
RNGR+BHTSA	0.38	8.60	16	16
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.03	4.98	2	1
GHATGHAR	0.79	4.71	125	0
Total	1.64	33.57		
Wind				
Total	2.11	125.16	0	0
Total	2.11	125.16		
CPP				
APML(Mus)	55.40	1297.90	0	0
JSWEL(Mus)	26.70	662.71	0	0
VIPL(Mus)	13.13	269.91	0	0
RPLAMT(Mus)	11.71	240.79	0	0
WPCL(Mus)	0.93	52.46	0	0
Other(Mus)	4.88	162.37	0	0
Total	112.75	2686.14		
SOLAR				
Total	3.01	73.51	0	0
Total	3.01	73.51		
Tata				
Trombay 5	9.65	233.68	489	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	40.36	80	50
Trombay 7B	1.26	30.91	55	42
Trombay 8	5.37	141.23	249	198
TATA Hydro	6.05	102.89	459	0
Total	24.11	549.06		
R-INFRA				
DTPS U-1&2	10.52	228.02	501	373
Total	10.52	228.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.98	3103.30	MSPGCL Total	147.73	3477.45
			MSPGCL Thml+Gas	143.15	3300.43	Koyna 1,2 & 4 Total	2.48	115.46
			MSPGCL Hydro	4.57	177.02	State Total	300.23	7139.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5276	68	429	5773	173	4426	0	0	4335	4101	-1293	13181	0	13181	2315	15496	49.92
2	5012	63	440	5515	161	4108	0	0	4434	4529	-1080	13234	0	13234	2124	15358	49.85
3	5161	253	430	5844	139	3962	0	0	4599	4587	-1003	13529	0	13529	1999	15528	49.94
4	5454	113	440	6007	125	3964	0	0	4553	4285	-916	13465	0	13465	1909	15374	49.93
5	5473	58	440	5971	134	4040	0	0	4570	4589	-874	13859	0	13859	1869	15728	49.90
6	5666	68	443	6177	70	4524	0	0	4696	4833	-860	14744	0	14744	1905	16649	49.87
7	5811	123	430	6364	81	4832	0	12	4992	4835	-915	15209	0	15209	2000	17209	49.87
8	5673	356	448	6477	44	5021	0	101	5010	4969	-828	15784	0	15784	2172	17956	49.90
9	5609	106	440	6155	45	5037	0	267	5041	5159	-928	15735	0	15735	2462	18197	49.94
10	5584	107	432	6123	47	5019	0	367	5160	5045	-1188	15413	0	15413	2790	18203	49.95
11	5496	192	420	6108	49	5094	0	425	5319	5513	-1243	15946	0	15946	3040	18986	49.92
12	5508	815	390	6713	42	5074	0	455	5439	5629	-1357	16556	0	16556	3165	19721	49.92
13	5524	497	409	6430	32	5095	0	449	5463	5417	-1311	16112	0	16112	3134	19246	49.91
14	5622	249	401	6272	47	5097	0	331	5421	5642	-1259	16130	0	16130	3024	19154	49.95
15	5608	227	410	6245	56	5100	0	299	5435	5750	-1276	16173	0	16173	3082	19255	49.87
16	5642	177	407	6226	74	5091	0	193	5459	5489	-1293	15779	0	15779	3117	18896	49.90
17	5676	182	407	6265	87	5103	0	98	5028	5230	-1258	15526	0	15526	3084	18610	49.85
18	5680	77	414	6171	74	4951	0	15	4837	4843	-1200	14854	0	14854	3006	17860	49.95
19	5673	277	416	6366	103	4950	0	0	4982	5060	-1204	15275	0	15275	3015	18290	49.93
20	5636	183	419	6238	118	4877	0	0	5022	5198	-1251	15181	0	15181	2920	18101	49.99
21	5575	107	431	6113	149	4719	0	0	4817	4697	-1367	14311	0	14311	2777	17088	50.01
22	5570	97	422	6089	124	4484	0	0	4595	4603	-1365	13935	0	13935	2669	16604	50.00
23	5551	97	425	6073	64	4267	0	0	4474	4593	-1311	13687	0	13687	2544	16231	49.97
24	5498	82	433	6013	71	3912	0	0	4625	4609	-1291	13314	0	13314	2380	15694	49.92
MUs	132.98	4.57	10.18	147.73	2.11	112.75	0.00	3.01	118.31	119.20	-27.87	356.93	0.00	356.93	62.50	419.43	49.92

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 27/Oct/2017

Position as on 6.30 Hrs of 28/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	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 27/Oct/2017

Position as on 6.30 Hrs of 28/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 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	
MSPGCL	Koyna Unit 8	80	27/10/2017	08.30	27/10/2017	23.55	Bus Section-II Outage	
MSPGCL	Koyna Unit 7	80	27/10/2017	08.40	27/10/2017	21.45	Bus Section-II Outage	
MSPGCL	Koyna Unit 6	75	27/10/2017	09.00	27/10/2017	20.45	Bus Section-II Outage	
MSPGCL	Koyna Unit 5	80	27/10/2017	09.10	27/10/2017	20.50	Bus Section-II Outage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-3	660	28/10/2017	00.18	28/10/2017	05.40	Boiler MFT	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 28/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	26/10/2017	18.15		Continued.	HT	Over Voltage
Koradi Satpur	InterState	27/10/2017	23.41	28/10/2017	00.42	T	Tripped at Satpur end only(Pole Discrepancy)
Koradi Satpur	InterState	28/10/2017	01.24	28/10/2017	03.42	T	Tripped at Satpur end only(Pole Discrepancy)
karad -kolhapur-I	IntraState	17/10/2017	17.28	27/10/2017	10.42	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	25/10/2017	21.46	27/10/2017	11.11	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Bhusawal-Aurangabad	IntraState	26/10/2017	23.00	27/10/2017	06.56	HT	Over Voltage
karad -kolhapur-II	IntraState	27/10/2017	11.36		Continued.	EO	To attend Hot Spot(RFC 13.53Hrs)
Girwali- Lonikand 2	IntraState	27/10/2017	11.55	27/10/2017	16.24	PO	Hardware tightening and fixing work at loc no 93-95.
Karad-Jaigad - I	IntraState	27/10/2017	18.12		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/10/2017	22.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	27/10/2017	12.24	27/10/2017	17.04	PO	Routine Maintenance Work
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.
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
Nerul - Sonkhar	IntraState	27/10/2017	06.07	27/10/2017	09.49	PO	Replacement of CT Conductor
Adlabs - Pedambe	IntraState	27/10/2017	08.00	27/10/2017	17.37	PO	Line Maintenance work
Pophali - Pedambe II	IntraState	27/10/2017	08.15	27/10/2017	19.15	PO	Bus Section-II Outage
Pophali - New Koyna	IntraState	27/10/2017	08.50	27/10/2017	20.40	PO	Bus Section-II Outage
Chalisgaon-Sayne	IntraState	27/10/2017	09.00	27/10/2017	15.06	PO	Tan Delta Measurment of CTs
Bableshwar- Bableshwar-II	IntraState	27/10/2017	09.43	27/10/2017	17.21	HT	Bus Section Sparking
Pophali - Nerale	IntraState	27/10/2017	10.20	27/10/2017	20.45	PO	Bus Section-II Outage
Waluj- Padegaon li	IntraState	27/10/2017	10.39	27/10/2017	15.52	PO	Half yearly maintenance work
Bus Section II @ Pophali	IntraState	27/10/2017	10.50	27/10/2017	19.15	PO	Conductor Replacement work
Chandrapur GCR - Sicom II	IntraState	27/10/2017	11.17	27/10/2017	18.53	PO	Tan Delta Measurment of CTs
Dhule - Malegaon	IntraState	27/10/2017	11.55	27/10/2017	14.14	T	Distance Protection
Dhule-Chalisagaon	IntraState	27/10/2017	12.06	27/10/2017	12.46	T	Tripped From Chalisgaon end only
Bableshwar- Bableshwar-I	IntraState	27/10/2017	12.50	27/10/2017	13.52	HT	Bus Section Sparking
220KV Chalisagaon-Kopergaon	IntraState	27/10/2017	13.43	27/10/2017	14.17	T	Distance Protection
Chalisgaon-Sayne	IntraState	27/10/2017	19.33	27/10/2017	19.48	EO	To attend Hot Spot

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 27/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chalisgaon-Sayne	IntraState	27/10/2017	20.28	27/10/2017	22.09	EO	To attend Hot Spot
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
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	27/10/2017	10.35	27/10/2017	14.40	PO	Annual Maintenance Work
132 KV LINE Outages/Trippings							
Risod-Yeldari	IntraState	26/10/2017	14.26		Continued.	T	Distance Protection