

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Dec/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.877	3319.850	1) Gujrat	0.071	16.129
2) Hydro	4.539	152.035	2) Madhya Pradesh	11.587	360.693
3) Gas	10.779	277.182	3) Chattisgarh	6.510	192.380
Total MSPGCL	134.195	3749.067	4) Maharashtra Net	102.987	3092.465
B) 1) APLM	53.627	1375.879	5) Goa (Amona)	-0.880	-25.278
2) JSWEL	16.815	469.635	Total	120.275	3636.389
3) VIPL	11.081	322.368	a) Mumbai Schedule	18.419	566.147
4) RPL(AMT)	4.843	237.507	b) Mumbai Drawl	19.947	623.033
5) WPCL	4.218	115.111	c) MSEDCL Bilateral *	22.441	857.185
6) PGPL	0.000	0.000	Include PX	-5.415	38.001
7) Other IPP	16.466	365.897	d) Mumbai Bilateral *	18.419	566.147
C) 1) TPCL Thermal	12.386	298.647	Include PX	0.062	28.657
2) TPCL Hydro	3.826	122.534	Include Standby	0.000	0.000
3) TPCL Gas	4.358	108.077	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.240	253.363	1) MSEDCL	357.034	10038.789
D) STATE			2) Mumbai Discoms	49.758	1405.657
1) Thermal	247.553	6758.257	TOTAL STATE	406.792	11444.446
(A1+C1+C4+(B1-B6))					
2) Hydro	8.365	274.569			
(A2+C2)					
3) Gas	15.137	385.259			
(A3+B6+C3)					
4) Wind	11.949	308.634			
6) SOLAR	3.512	81.335			
TOTAL STATE	286.516	7808.054			

* 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 3 Hrs
MSPGCL Thermal	5413	5342	5010	4551
MSPGCL Hydro	499	403	155	88
MSPGCL Gas	438	424	434	472
MSPGCL Total Generation	6350	6169	5599	5111
Central Sector Receipt	6337	6119	5446	3066
WIND	396	345	391	729
CPP / IPP Thermal	4960	5004	4710	3961
CPP / IPP Gas	0	0	0	0
SOLAR	505	509	0	0
Exchange with Mumbai	-1050	-982	-1112	-387
MSEDCL DEMAND MET	17498	17164	15034	12480
Load Shedding	0	0	0	0
MSEDCL DEMAND	17498	17164	15034	12480
TPCL GENERATION	1088	1089	1015	680
R-INFRA GENERATION	461	503	375	375
MUMBAI DEMAND	2599	2574	2502	1442
STATE DEMAND MET	20097	19738	17536	13922
STATE DEMAND	20097	19738	17536	13922
Frequency (Hz)	49.94	50.00	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.03 Hrs	49.83 Hz at 09.09 Hrs	49.99	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 28/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	42.96	0	0
Unit 8	11.99	161.05	660	379
Unit 9	0.00	232.29	0	0
Unit 10	10.16	171.18	515	350
Total	22.16	607.49		
Bhusawal				
Unit 3	4.10	75.98	200	155
Unit 4	9.54	238.65	490	350
Unit 5	9.76	240.66	500	350
Total	23.40	555.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.45	125.98	192	180
Unit 7	0.00	12.88	0	0
Unit 8	3.85	108.02	168	154
Total	8.30	246.89		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	9.52	149.68	455	354
Unit 6	3.86	244.01	354	0
Unit 7	9.78	272.38	452	350
Unit 8	0.00	143.56	0	0
Unit 9	9.64	272.06	455	341
Total	32.80	1100.20		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.33	133.23	256	185
Total	5.33	133.23		
Khaparkhedda				
Unit 1	3.80	39.24	170	150
Unit 2	4.02	105.18	180	160
Unit 3	0.00	0.00	0	0
Unit 4	3.91	48.89	180	150
Unit 5	10.26	270.94	500	353
Total	21.99	464.25		
Nasik				
Unit 3	0.00	104.49	0	0
Unit 4	0.90	70.84	165	0
Unit 5	4.01	37.17	194	159
Total	4.90	212.50		
Uran				
All Units	10.78	277.18	475	422
Total	10.78	277.18		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.46	7.61	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.46	7.61		
Koyna				
Stage 1-2	1.26	55.95	160	20
Stage 4	0.00	5.73	0	0
Stage 3	0.24	14.40	114	0
Total	1.50	76.08		
Hydro				
KDPH	0.22	6.52	36	0
VTRNA	0.88	8.30	61	0
TILLARI	0.00	9.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	6.13	61	0
RNGR+BHTSA	0.39	11.08	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.24	1.37	11	9
SMLHY_PTN	0.44	12.30	29	15
GHATGHAR	0.74	20.74	125	0
Total	3.04	75.95		
Wind				
Total	11.95	308.63	0	0
Total	11.95	308.63		
CPP				
APML(Mus)	53.63	1375.88	0	0
JSWEL(Mus)	16.82	469.64	0	0
VIPL(Mus)	11.08	322.37	0	0
RPLAMT(Mus)	4.84	237.51	0	0
WPCL(Mus)	4.22	115.11	0	0
Other(Mus)	16.47	365.90	0	0
Total	107.05	2886.40		
SOLAR				
Total	3.51	81.34	0	0
Total	3.51	81.34		
Tata				
Trombay 5	7.48	222.67	386	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	66.61	116	115
Trombay 7B	1.60	41.46	68	66
Trombay 8	4.91	75.98	246	198
TATA Hydro	3.83	122.53	364	0
Total	20.57	529.26		
R-INFRA				
DTPS U-1&2	9.24	253.36	503	374
Total	9.24	253.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.88	3319.85	MSPGCL Total	134.20	3749.07
			MSPGCL Thml+Gas	129.66	3597.03	Koyna 1,2 & 4 Total	1.26	61.68
			MSPGCL Hydro	4.54	152.04	State Total	286.52	7808.05

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Dec/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4597	97	455	5149	805	3945	0	0	3566	3110	-597	12412	0	12412	1652	14064	50.01
2	4573	82	458	5113	666	3941	0	0	2976	3178	-464	12434	0	12434	1520	13954	50.00
3	4551	88	472	5111	729	3961	0	0	2863	3066	-387	12480	0	12480	1442	13922	50.00
4	4554	84	463	5101	900	3957	0	0	2942	3008	-342	12624	0	12624	1396	14020	50.02
5	4560	103	451	5114	789	3942	0	0	3771	3334	-357	12822	0	12822	1412	14234	50.01
6	4606	93	475	5174	696	4004	0	0	4512	4494	-451	13917	0	13917	1507	15424	50.00
7	5119	83	475	5677	634	4509	0	1	5428	5338	-577	15582	0	15582	1634	17216	49.97
8	5272	88	467	5827	610	4728	0	48	5994	5887	-728	16372	0	16372	1811	18183	49.98
9	5603	123	474	6200	443	4756	0	214	6169	6242	-941	16914	0	16914	2092	19006	49.96
10	5530	287	444	6261	490	4806	0	359	5989	6026	-1023	16919	0	16919	2388	19307	49.95
11	5360	521	446	6327	451	4772	0	475	6112	6202	-1164	17063	0	17063	2571	19634	49.97
12	5413	499	438	6350	396	4960	0	505	6178	6337	-1050	17498	0	17498	2599	20097	49.94
13	5342	403	424	6169	345	5004	0	509	6173	6119	-982	17164	0	17164	2574	19738	50.00
14	5381	283	422	6086	334	4979	0	490	6172	6014	-1055	16848	0	16848	2437	19285	50.06
15	5319	267	435	6021	280	4922	0	424	6179	6078	-1052	16673	0	16673	2441	19114	49.98
16	5329	260	422	6011	250	4991	0	310	6133	6019	-1049	16532	0	16532	2444	18976	49.97
17	5402	146	422	5970	279	4885	0	159	6063	6454	-1014	16733	0	16733	2443	19176	50.00
18	5242	142	440	5824	298	4820	0	18	5707	5191	-1053	15098	0	15098	2434	17532	50.01
19	5010	155	434	5599	391	4710	0	0	5512	5446	-1112	15034	0	15034	2502	17536	50.01
20	4600	158	445	5203	434	4344	0	0	5549	5497	-1094	14384	0	14384	2444	16828	49.97
21	4351	151	450	4952	440	4204	0	0	5416	5192	-1062	13726	0	13726	2255	15981	50.03
22	4391	152	444	4987	443	4021	0	0	4638	4307	-955	12803	0	12803	2093	14896	50.03
23	4384	151	465	5000	431	3944	0	0	3696	4033	-807	12601	0	12601	1926	14527	49.99
24	4388	123	458	4969	415	3946	0	0	3646	3705	-631	12404	0	12404	1740	14144	50.01
MUs	118.88	4.54	10.78	134.20	11.95	107.05	0.00	3.51	121.38	120.28	-19.95	357.04	0.00	357.04	49.76	406.79	49.99

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 28/Dec/2017

Position as on 6.30 Hrs of 29/Dec/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 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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.	De-commissioned on dt. 01.04.2017	
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem, Water shortage	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)	
MSPGCL	Koradi Unit 7	210	13/12/2017	00.10		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	18/12/2017	09.50	28/12/2017	15.55	Boiler Tube Leakage, Not available on account of poor coal receipt from 14:00hrs of 21.12.2017	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Dec/2017

Position as on 6.30 Hrs of 29/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth Fault	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	27/12/2017	18.51		Continued.	thrust bearing trip.	
MSPGCL	Chandrapur Unit 6	500	28/12/2017	11.41		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	29/12/2017	02.20	29/12/2017	05.49	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 29/Dec/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	26/12/2017	17.07	28/12/2017	11.18	HT	Over Voltage
Akola Wardha li	InterState	28/12/2017	08.23	28/12/2017	19.28	PO	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	28/12/2017	17.45		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	27/12/2017	18.00	28/12/2017	06.26	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/12/2017	18.07	28/12/2017	08.39	HT	Over Voltage
karad -kolhapur-II	IntraState	27/12/2017	18.10	28/12/2017	08.48	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/12/2017	21.23	28/12/2017	08.40	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/12/2017	23.02	28/12/2017	06.20	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	28/12/2017	10.00	28/12/2017	17.30	PO	CB PANAL WIRING WORK.
Girwali - Lonikand 1	IntraState	28/12/2017	11.04	28/12/2017	11.40	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	28/12/2017	17.27		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	28/12/2017	17.49		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/12/2017	17.53		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/12/2017	23.36	29/12/2017	06.39	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	28/12/2017	13.27	28/12/2017	17.48	PO	Half yearly maintenance work
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/12/2017	14.35	28/12/2017	19.00	PO	TO ATTEND C ISOLATOR PROBLEM.
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.
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.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Padghe - Jambhul 1	IntraState	28/12/2017	09.06		Continued.	PO	BREAKER REPLACEMENT WORK.
Oni Kharepatan Line	IntraState	28/12/2017	09.38	28/12/2017	17.57	PO	INSULATOR CLEANING WORK.
Chakan-Chinchwad	IntraState	28/12/2017	09.42	28/12/2017	19.19	PO	Annual Maintenance Work
Chalisingaon -Babhaleshwar	IntraState	28/12/2017	10.49	28/12/2017	16.38	PO	Attending Hot Spot
Walchandnagar-Bhigwan	IntraState	28/12/2017	11.10	28/12/2017	15.25	PO	Routine Maintenance Work
Jejuri (400 Kv)- Baramati li	IntraState	28/12/2017	15.50	28/12/2017	18.33	PO	Routine Maintenance Work
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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	28/12/2017	09.00		Continued.	PO	Half yearly maintenance work
220/22 Kv 50 Mva Ptr 2 @Lonikand	IntraState	28/12/2017	09.54	28/12/2017	18.29	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 28/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 29/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	28/12/2017	14.32	28/12/2017	19.29	PO	Routine Maintenance Work