

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Feb/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.181	3352.023	1) Gujrat	-0.716	11.485
2) Hydro	21.460	365.106	2) Madhya Pradesh	17.648	476.395
3) Gas	6.553	218.551	3) Chattisgarh	6.930	196.900
Total MSPGCL	164.194	3935.680	4) Maharashtra Net	123.027	2814.819
B) 1) APML	39.458	1243.877	5) Goa (Amona)	-0.638	-17.688
2) JSWEL	11.947	428.185	Total	146.251	3481.911
3) VIPL	7.279	170.404	a) Mumbai Schedule	21.330	516.560
4) RPL(AMT)	19.987	617.739	b) Mumbai Drawl	24.102	586.654
5) WPCL	4.485	114.310	c) MSEDCL Bilateral *	28.860	604.893
6) PGPL	0.000	0.000	Include PX	11.643	125.081
7) Other IPP	11.862	325.196	d) Mumbai Bilateral *	21.330	512.748
C) 1) TPCL Thermal	15.956	386.094	Include PX	8.458	177.517
2) TPCL Hydro	5.466	94.412	Include Standby	0.000	3.813
3) TPCL Gas	2.587	100.612	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.606	253.269	1) MSEDCL	392.955	9988.717
D) STATE			2) Mumbai Discoms	59.709	1421.044
1) Thermal	258.761	6891.097	TOTAL STATE	452.664	11409.761
(A1+C1+C4+(B1-B6))					
2) Hydro	26.926	459.518			
(A2+C2)					
3) Gas	9.140	319.163			
(A3+B6+C3)					
4) Wind	7.829	166.936			
6) SOLAR	3.765	91.133			
TOTAL STATE	306.421	7927.847			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5677	5745	5769	5480
MSPGCL Hydro	1449	1040	981	159
MSPGCL Gas	261	259	264	280
MSPGCL Total Generation	7387	7044	7014	5919
Central Sector Receipt	7388	7421	5789	5123
WIND	661	626	177	337
CPP / IPP Thermal	3977	3962	4031	3795
CPP / IPP Gas	0	0	0	0
SOLAR	507	533	0	0
Exchange with Mumbai	-1298	-1306	-1057	-734
MSEDCL DEMAND MET	18622	18280	15954	14440
Load Shedding	0	0	0	0
MSEDCL DEMAND	18622	18280	15954	14440
TPCL GENERATION	1219	1193	1262	621
R-INFRA GENERATION	502	503	498	373
MUMBAI DEMAND	3019	3002	2817	1728
STATE DEMAND MET	21641	21282	18771	16168
STATE DEMAND	21641	21282	18771	16168
Frequency (Hz)	49.99	49.94	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.02 Hrs	49.72 Hz at 21.08 Hrs	49.96	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/Feb/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.08	313.70	514	297
Unit 9	0.00	0.00	0	0
Unit 10	15.64	341.69	678	610
Total	25.72	655.39		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.60	284.00	490	465
Unit 5	11.67	284.55	500	470
Total	23.27	614.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.99	128.23	250	245
Unit 7	0.44	6.98	154	0
Unit 8	5.75	141.27	250	234
Total	12.18	276.47		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.19	182.69	474	460
Unit 6	0.00	0.00	0	0
Unit 7	0.00	215.98	0	0
Unit 8	11.77	208.52	500	470
Unit 9	11.58	293.69	494	457
Total	34.53	900.88		
Paras				
Unit 3	6.02	90.64	256	245
Unit 4	6.00	152.76	250	250
Total	12.02	243.40		
Khaparkheda				
Unit 1	2.87	73.55	170	0
Unit 2	0.00	43.86	0	0
Unit 3	4.54	23.10	195	171
Unit 4	1.62	72.37	183	0
Unit 5	10.93	226.28	475	430
Total	19.96	439.16		
Nasik				
Unit 3	4.39	113.55	195	162
Unit 4	4.10	108.68	178	162
Unit 5	0.00	0.00	0	0
Total	8.49	222.23		
Uran				
All Units	6.55	218.55	292	258
Total	6.55	218.55		
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)	0.00	2.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.00		
Koyna				
Stage 1-2	4.66	85.36	445	45
Stage 4	10.15	120.32	1000	0
Stage 3	3.14	45.07	240	0
Total	17.95	250.75		
Hydro				
KDPH	0.43	19.74	18	18
VTRNA	1.03	30.63	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	4.80	80	0
RNGR+BHTSA	0.34	9.42	15	14
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	19.08	22	21
GHATGHAR	0.88	23.97	125	0
Total	3.51	114.35		
Wind				
Total	7.83	166.94	0	0
Total	7.83	166.94		
CPP				
APML(Mus)	39.46	1243.88	0	0
JSWEL(Mus)	11.95	428.18	0	0
VIPL(Mus)	7.28	170.40	0	0
RPLAMT(Mus)	19.99	617.74	0	0
WPCL(Mus)	4.48	114.31	0	0
Other(Mus)	11.86	325.20	0	0
Total	95.02	2899.71		
SOLAR				
Total	3.76	91.13	0	0
Total	3.76	91.13		
Tata				
Trombay 5	10.35	244.54	491	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	61.40	115	51
Trombay 7B	1.12	39.22	68	42
Trombay 8	5.60	141.55	246	201
TATA Hydro	5.47	94.41	434	0
Total	24.01	581.12		
R-INFRA				
DTPS U-1&2	11.61	253.27	503	373
Total	11.61	253.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.18	3352.02	MSPGCL Total	164.19	3935.68
			MSPGCL Thml+Gas	142.73	3570.57	Koyna 1,2 & 4 Total	14.81	205.68
			MSPGCL Hydro	21.46	365.11	State Total	306.42	7927.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Feb/2018

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	5543	204	279	6026	206	3876	0	0	5558	5625	-859	14874	0	14874	2074	16948	49.96
2	5500	159	278	5937	159	3906	0	0	5440	5353	-766	14589	0	14589	1917	16506	49.96
3	5506	159	282	5947	231	3892	0	0	5331	5165	-771	14464	0	14464	1802	16266	50.00
4	5480	159	280	5919	337	3795	0	0	5136	5123	-734	14440	0	14440	1728	16168	50.00
5	5516	158	281	5955	352	3791	0	0	5139	5494	-696	14896	0	14896	1725	16621	49.98
6	5538	921	281	6740	370	3870	0	0	5211	5420	-578	15822	0	15822	1842	17664	49.97
7	5571	1581	281	7433	458	3915	0	1	5800	6010	-629	17188	0	17188	2008	19196	49.97
8	5552	1707	292	7551	473	3965	0	55	6420	6438	-584	17898	0	17898	2165	20063	49.96
9	5565	1409	281	7255	347	4087	0	220	6307	6542	-775	17676	0	17676	2436	20112	49.99
10	5564	1637	267	7468	372	4064	0	351	6302	6394	-1004	17645	0	17645	2726	20371	49.96
11	5589	1655	273	7517	530	4079	0	453	6834	7042	-1188	18433	0	18433	2948	21381	49.97
12	5677	1449	261	7387	661	3977	0	507	7387	7388	-1298	18622	0	18622	3019	21641	49.99
13	5745	1040	259	7044	626	3962	0	533	7205	7421	-1306	18280	0	18280	3002	21282	49.94
14	5755	1067	258	7080	477	3970	0	509	6836	7057	-1277	17816	0	17816	2917	20733	49.97
15	5777	1515	269	7561	452	3965	0	455	6803	6863	-1299	17997	0	17997	2992	20989	49.90
16	5806	1722	258	7786	317	3941	0	367	6951	6724	-1331	17804	0	17804	3011	20815	49.92
17	5831	1652	260	7743	304	3952	0	235	6516	6334	-1301	17267	0	17267	2985	20252	49.95
18	5816	1076	270	7162	236	3958	0	77	5774	5930	-1243	16120	0	16120	2920	19040	49.98
19	5718	432	273	6423	219	4085	0	2	5643	5540	-1299	14970	0	14970	2828	17798	49.96
20	5769	981	264	7014	177	4031	0	0	5600	5789	-1057	15954	0	15954	2817	18771	49.95
21	5807	327	276	6410	156	4076	0	0	5452	5596	-1011	15227	0	15227	2650	17877	49.96
22	5836	175	276	6287	142	3976	0	0	5642	5595	-1043	14957	0	14957	2502	17459	49.92
23	5846	175	277	6298	122	3945	0	0	5645	5731	-1077	15019	0	15019	2383	17402	49.91
24	5874	100	277	6251	105	3941	0	0	5631	5674	-976	14995	0	14995	2320	17315	49.93
MUs	136.18	21.46	6.55	164.19	7.83	95.02	0.00	3.77	144.56	146.25	-24.10	392.95	0.00	392.95	59.72	452.67	49.96

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/Feb/2018

Position as on 6.30 Hrs of 28/Feb/2018

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.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
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.	De-commissioned on dt. 01.04.2017	
RGPL	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.	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
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	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Feb/2018

Position as on 6.30 Hrs of 28/Feb/2018

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	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 4	210	19/02/2018	23.34	27/02/2018	11.38	Turbine bearing Vabration high	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Parli Unit 7	250	21/02/2018	01.51	27/02/2018	18.25	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	22/02/2018	14.07		Continued.	For attending damaged conductor of GTR bushing.	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/02/2018	17.31		Continued.	Drum Level Not Maintained.	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 27/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Tripping							
Koradi-III - Akola-II ckt-I	IntraState	27/02/2018	08.43	27/02/2018	18.40	PO	Line Maintenance work
400 KV LINE Outages/Tripping							
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	26/02/2018	17.53		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/02/2018	18.07	27/02/2018	10.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/02/2018	19.51	27/02/2018	07.15	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	27/02/2018	10.11		Continued.	PO	PGCIL Work.
Solapur - Parli(PG) II	IntraState	27/02/2018	10.21		Continued.	PO	PGCIL Work.
Bableshwar- Aurangabad (Waluj)	IntraState	27/02/2018	11.05	27/02/2018	16.44	PO	Testing Work, Shifted On TBC.
Babhaleshwar - Padghe-I	IntraState	27/02/2018	11.57	27/02/2018	16.21	T	Distance Protection
Parly(MS)- Nanded ckt II	IntraState	27/02/2018	12.57	27/02/2018	20.18	PO	Bay Maintenance Work.
Nagothane - Dabhol-II	IntraState	27/02/2018	16.22	27/02/2018	18.45	EO	Tree Trimming Work.
Khadka-Aurangabad (Waluj)	IntraState	27/02/2018	21.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220KV 500MVA ICT-III@bhusawal(khadka)	IntraState	27/02/2018	08.21	27/02/2018	16.17	PO	Shifted On TBC HV Site.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	27/02/2018	11.35	27/02/2018	13.24	PO	CB Maintenance Work.
400/220kv 315 Mva ICT III @Karad	IntraState	27/02/2018	15.34	27/02/2018	18.55	EO	Attending Fire Detector Trip Alarm Problem.
220 KV LINE Outages/Tripping							
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	24/02/2018	18.29		Continued.	T	Distance Protection
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
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)
Pophali - New Koyana	IntraState	26/02/2018	07.45		Continued.	PO	replacement of conductor work.
Taloja II - OCIL-I	IntraState	26/02/2018	11.10		Continued.	PO	ct replacement work.at ocil strn out for 3 days.
Miraj - Ichalkaranji II	IntraState	27/02/2018	08.02	27/02/2018	18.52	PO	Line Maintenance work
Talandge(400kv)- Ichalkaranji 1	IntraState	27/02/2018	08.05	27/02/2018	18.46	PO	Line Maintenance work
Goregaon Aarey Line 2	IntraState	27/02/2018	09.00	27/02/2018	18.05	PO	Line Maintenance work
Karad - Sadawagpur I	IntraState	27/02/2018	10.02	27/02/2018	17.48	PO	CT Tan Delta Work.
Nanded-Ghatodi	IntraState	27/02/2018	10.06	27/02/2018	17.05	PO	Carrying Out Signature Test.
Uran - Apta IV	IntraState	27/02/2018	10.51	27/02/2018	18.19	PO	CT Tan Delta Work.
220 KV ICT Outages/Tripping							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(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)

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/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	27/02/2018	09.27	27/02/2018	19.35	PO	Routine Maintenance Work
220/132 Kv 100 Mva lct 1 @Paranda	IntraState	27/02/2018	10.00	27/02/2018	13.20	PO	Quarterly Maintainance Work
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	27/02/2018	10.40	27/02/2018	18.52	PO	Testing Work
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	26/02/2018	20.54	27/02/2018	14.07	HT	as trip ckt faulty indication observed.
Talegaon- Pangari	IntraState	27/02/2018	03.00	27/02/2018	03.30	T	Distance Protection
Midc Akola-Durgwada	IntraState	27/02/2018	19.37	27/02/2018	20.07	T	Distance Protection