

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Feb/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.895	3494.918	1) Gujrat	-0.722	10.763
2) Hydro	16.924	381.952	2) Madhya Pradesh	19.085	495.480
3) Gas	6.564	225.115	3) Chattisgarh	6.660	203.560
Total MSPGCL	166.383	4101.985	4) Maharashtra Net	120.881	2945.823
B) 1) APML	39.468	1283.345	5) Goa (Amona)	-0.616	-18.304
2) JSWEL	12.644	440.829	Total	145.288	3637.322
3) VIPL	7.385	177.789	a) Mumbai Schedule	23.908	540.468
4) RPL(AMT)	19.946	637.685	b) Mumbai Drawl	23.883	610.537
5) WPCL	4.396	118.706	c) MSEDCL Bilateral *	32.532	637.425
6) PGPL	0.000	0.000	Include PX	15.271	140.353
7) Other IPP	11.825	337.021	d) Mumbai Bilateral *	23.908	536.656
C) 1) TPCL Thermal	16.309	402.403	Include PX	8.469	185.986
2) TPCL Hydro	5.391	99.803	Include Standby	0.000	3.813
3) TPCL Gas	3.521	104.133	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.579	264.848	1) MSEDCL	394.183	10392.945
D) STATE			2) Mumbai Discoms	60.683	1481.727
1) Thermal	266.447	7157.544	TOTAL STATE	454.866	11874.672
(A1+C1+C4+(B1-B6))					
2) Hydro	22.315	481.755			
(A2+C2)					
3) Gas	10.085	329.248			
(A3+B6+C3)					
4) Wind	7.042	173.978			
6) SOLAR	3.689	94.822			
TOTAL STATE	309.578	8237.347			

* 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	5985	5914	5998	5828
MSPGCL Hydro	1237	1011	840	167
MSPGCL Gas	271	259	264	280
MSPGCL Total Generation	7493	7184	7102	6275
Central Sector Receipt	7284	7270	5560	5072
WIND	479	315	213	299
CPP / IPP Thermal	3952	3975	4027	3894
CPP / IPP Gas	0	0	0	0
SOLAR	516	537	0	0
Exchange with Mumbai	-1348	-1333	-1111	-650
MSEDCL DEMAND MET	18376	17948	15791	14890
Load Shedding	0	0	0	0
MSEDCL DEMAND	18376	17948	15791	14890
TPCL GENERATION	1228	1224	1258	698
R-INFRA GENERATION	499	502	498	427
MUMBAI DEMAND	3075	3059	2867	1775
STATE DEMAND MET	21451	21007	18658	16665
STATE DEMAND	21451	21007	18658	16665
Frequency (Hz)	49.93	49.94	49.91	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 18.01 Hrs	49.75 Hz at 11.37 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 28/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	12.69	326.39	555	470
Unit 9	0.00	0.00	0	0
Unit 10	13.68	355.37	630	535
Total	26.37	681.76		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.48	295.48	490	450
Unit 5	11.67	296.22	500	470
Total	23.16	637.65		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.97	134.20	250	239
Unit 7	5.65	12.63	252	180
Unit 8	5.65	146.92	243	213
Total	17.27	293.74		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.18	193.86	480	450
Unit 6	0.00	0.00	0	0
Unit 7	0.00	215.98	0	0
Unit 8	11.77	220.29	500	477
Unit 9	11.50	305.18	496	445
Total	34.44	935.32		
Paras				
Unit 3	5.98	96.62	250	242
Unit 4	5.97	158.73	258	240
Total	11.95	255.35		
Khaparkheda				
Unit 1	0.00	73.55	0	0
Unit 2	0.00	43.86	0	0
Unit 3	4.70	27.80	202	190
Unit 4	4.69	77.06	210	165
Unit 5	11.76	238.04	500	465
Total	21.15	460.30		
Nasik				
Unit 3	4.41	117.96	197	165
Unit 4	4.15	112.83	179	160
Unit 5	0.00	0.00	0	0
Total	8.56	230.78		
Uran				
All Units	6.56	225.12	290	259
Total	6.56	225.12		
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)	0.10	2.10	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	2.10		
Koyna				
Stage 1-2	3.97	89.32	430	40
Stage 4	6.32	126.64	750	0
Stage 3	2.54	47.53	240	0
Total	12.82	263.50		
Hydro				
KDPH	0.72	20.46	36	18
VTRNA	1.44	32.07	61	41
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	5.10	80	0
RNGR+BHTSA	0.34	9.77	15	14
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	19.61	23	22
GHATGHAR	0.76	24.73	128	0
Total	4.10	118.45		
Wind				
Total	7.04	173.98	0	0
Total	7.04	173.98		
CPP				
APML(Mus)	39.47	1283.34	0	0
JSWEL(Mus)	12.64	440.83	0	0
VIPL(Mus)	7.38	177.79	0	0
RPLAMT(Mus)	19.95	637.68	0	0
WPCL(Mus)	4.40	118.71	0	0
Other(Mus)	11.82	337.02	0	0
Total	95.66	2995.38		
SOLAR				
Total	3.69	94.82	0	0
Total	3.69	94.82		
Tata				
Trombay 5	10.68	255.22	488	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.12	63.51	115	78
Trombay 7B	1.40	40.62	67	55
Trombay 8	5.63	147.19	246	198
TATA Hydro	5.39	99.80	434	0
Total	25.22	606.34		
R-INFRA				
DTPS U-1&2	11.58	264.85	503	377
Total	11.58	264.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.90	3494.92	MSPGCL Total	166.38	4101.98
			MSPGCL Thml+Gas	149.46	3720.03	Koyna 1,2 & 4 Total	10.28	215.96
			MSPGCL Hydro	16.92	381.95	State Total	309.58	8237.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5867	167	277	6311	142	3892	0	0	5502	5747	-749	15343	0	15343	2163	17506	49.92
2	5866	157	269	6292	216	3894	0	0	5315	5143	-563	14982	0	14982	1971	16953	49.97
3	5851	157	279	6287	279	3884	0	0	5249	5097	-524	15023	0	15023	1856	16879	49.98
4	5828	167	280	6275	299	3894	0	0	5209	5072	-650	14890	0	14890	1775	16665	49.98
5	5834	177	280	6291	321	3805	0	0	5200	5292	-683	15026	0	15026	1759	16785	49.91
6	5907	487	290	6684	460	3843	0	0	5491	5573	-584	15976	0	15976	1880	17856	49.92
7	5893	1069	280	7242	623	3859	0	2	6245	6067	-620	17173	0	17173	2037	19210	49.91
8	5930	1042	280	7252	651	4067	0	49	6695	6600	-562	18057	0	18057	2186	20243	49.95
9	5992	918	280	7190	532	4086	0	207	6568	6470	-780	17705	0	17705	2448	20153	49.95
10	5975	963	277	7215	356	4094	0	344	6560	6566	-987	17588	0	17588	2758	20346	49.92
11	6017	1110	264	7391	388	4057	0	445	7121	7032	-1153	18160	0	18160	2954	21114	49.86
12	5985	1237	271	7493	479	3952	0	516	7654	7284	-1348	18376	0	18376	3075	21451	49.93
13	5914	1011	259	7184	315	3975	0	537	7425	7270	-1333	17948	0	17948	3059	21007	49.94
14	5986	865	269	7120	148	3980	0	508	7122	6956	-1265	17447	0	17447	2957	20404	49.97
15	5963	1098	260	7321	156	3964	0	456	7156	7016	-1317	17596	0	17596	3007	20603	49.91
16	5986	1315	270	7571	129	3958	0	343	7199	6991	-1319	17673	0	17673	3028	20701	49.94
17	6009	1190	262	7461	139	4055	0	217	6418	6558	-1259	17171	0	17171	3001	20172	49.91
18	6015	903	272	7190	134	4084	0	64	5782	5964	-1252	16184	0	16184	2935	19119	49.97
19	6021	427	273	6721	237	4073	0	1	5641	5488	-1252	15268	0	15268	2864	18132	49.97
20	5998	840	264	7102	213	4027	0	0	5613	5560	-1111	15791	0	15791	2867	18658	49.91
21	6054	478	275	6807	255	4042	0	0	5469	5327	-1000	15431	0	15431	2709	18140	49.94
22	6061	397	277	6735	271	4061	0	0	5478	5331	-1053	15345	0	15345	2545	17890	49.94
23	5998	342	278	6618	157	4052	0	0	5500	5457	-1312	14972	0	14972	2477	17449	49.96
24	5945	407	278	6630	142	4063	0	0	5450	5427	-1207	15055	0	15055	2372	17427	49.97
MUs	142.89	16.92	6.56	166.38	7.04	95.66	0.00	3.69	147.06	145.29	-23.88	394.18	0.00	394.18	60.68	454.87	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 28/Feb/2018

Position as on 6.30 Hrs of 01/Mar/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	28/02/2018	21.36	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 28/Feb/2018

Position as on 6.30 Hrs of 01/Mar/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.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
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 5	108	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	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/Trippings for 28/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 01/Mar/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/Trippings							
Koradi III - Akola II- ckt-II	IntraState	28/02/2018	09.05	28/02/2018	19.13	PO	Line Maintenance work
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	26/02/2018	17.53	28/02/2018	10.21	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	28/02/2018	10.11	28/02/2018	14.07	PO	Measurement Of CB Timing And CRM DCRM Of Breaker.
Dhule Sar'Sarovar II	InterState	28/02/2018	19.52		Continued.	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.
Khadka-Aurangabad (Waluj)	IntraState	27/02/2018	21.02	28/02/2018	07.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/02/2018	18.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/02/2018	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	28/02/2018	10.23	28/02/2018	16.31	PO	LV Side Taken On TBC.
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	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 Koyna	IntraState	26/02/2018	07.45		Continued.	PO	replacement of conductor work.
Taloja li - OCIL-II	IntraState	26/02/2018	11.10	28/02/2018	13.05	PO	ct replacement work.at ocil stn out for 3 days.
Satana-Gangapur	IntraState	28/02/2018	07.49	28/02/2018	14.07	T	Distance Protection
Satana-Gangapur	IntraState	28/02/2018	07.51	28/02/2018	14.07	T	Distance Protection
Salsette - Saki 7	IntraState	28/02/2018	09.45		Continued.	PO	Testing Work And Relay Replacement Work.
Deepnagar Amalner	IntraState	28/02/2018	09.53	28/02/2018	17.38	PO	For Stringing Bet. LOC. No.61 Of Deepnagar-Amalner Line To 220KV DCDC Lilo Line For Viroda S/S.
Raymond - Washala	IntraState	28/02/2018	11.17	28/02/2018	16.30	PO	CT Replacement Work.
Ongc Uran - Jnpt	IntraState	28/02/2018	11.30	28/02/2018	17.50	PO	Testing Work
Chinchwad-Hinjewadi I	IntraState	28/02/2018	13.50	28/02/2018	15.38	T	Distance Protection
Taloja II - OCIL-I	IntraState	28/02/2018	13.59		Continued.	PO	CT Replacement Work. At OCIL STN Out For 3 day.
Osmanabad - Solapur (Bale)	IntraState	28/02/2018	22.14	01/03/2018	04.55	HT	Load Management.
Pusad-Ghatodi	IntraState	28/02/2018	23.50	01/03/2018	05.47	HT	Load Management.
220 KV ICT Outages/Trippings							

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/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 01/Mar/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 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)
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	28/02/2018	09.01	28/02/2018	17.50	PO	Attending Oil Leakage
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	28/02/2018	12.24	28/02/2018	21.36	PO	Testing Work
220/132KV 100MVA -1@Alephata	IntraState	28/02/2018	15.30	28/02/2018	18.53	PO	CT Replacement Work.