

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.588	3084.011	1) Gujrat	-0.086	12.737
2) Hydro	6.158	325.371	2) Madhya Pradesh	18.801	440.276
3) Gas	7.414	205.442	3) Chattisgarh	6.560	183.160
Total MSPGCL	147.160	3614.824	4) Maharashtra Net	115.350	2570.505
B) 1) APML	39.333	1165.087	5) Goa (Amona)	-0.462	-16.390
2) JSWEL	10.711	404.182	Total	140.163	3190.288
3) VIPL	6.351	156.378	a) Mumbai Schedule	16.645	473.806
4) RPL(AMT)	22.911	573.543	b) Mumbai Drawl	21.348	537.715
5) WPCL	3.994	105.481	c) MSEDCL Bilateral *	27.212	547.765
6) PGPL	0.000	0.000	Include PX	10.529	102.089
7) Other IPP	12.143	301.742	d) Mumbai Bilateral *	16.645	469.993
C) 1) TPCL Thermal	13.090	354.614	Include PX	4.413	161.513
2) TPCL Hydro	1.582	84.103	Include Standby	0.000	3.813
3) TPCL Gas	2.849	95.582	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.971	230.602	1) MSEDCL	378.359	9209.219
D) STATE			2) Mumbai Discoms	48.842	1302.627
1) Thermal	252.092	6375.640	TOTAL STATE	427.201	10511.846
(A1+C1+C4+(B1-B6))					
2) Hydro	7.740	409.474			
(A2+C2)					
3) Gas	10.263	301.024			
(A3+B6+C3)					
4) Wind	13.356	151.749			
6) SOLAR	3.585	83.660			
TOTAL STATE	287.036	7321.547			

* 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	5727	5694	5574	5239
MSPGCL Hydro	635	302	194	173
MSPGCL Gas	283	261	274	309
MSPGCL Total Generation	6645	6257	6042	5721
Central Sector Receipt	7261	6902	5582	4862
WIND	711	766	276	768
CPP / IPP Thermal	4120	4128	3913	3735
CPP / IPP Gas	0	0	0	0
SOLAR	487	508	0	0
Exchange with Mumbai	-869	-917	-973	-663
MSEDCL DEMAND MET	18355	17644	14840	14423
Load Shedding	0	0	0	0
MSEDCL DEMAND	18355	17644	14840	14423
TPCL GENERATION	849	807	910	640
R-INFRA GENERATION	501	500	375	375
MUMBAI DEMAND	2219	2224	2258	1678
STATE DEMAND MET	20574	19868	17098	16101
STATE DEMAND	20574	19868	17098	16101
Frequency (Hz)	50.00	50.01	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 1801 Hrs	49.84 Hz at 2207 Hrs	50	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 25/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	12.35	291.22	570	490
Unit 9	0.00	0.00	0	0
Unit 10	15.39	315.79	660	625
Total	27.74	607.01		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.08	261.02	500	355
Unit 5	11.17	261.48	500	360
Total	22.25	568.45		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.29	116.54	250	185
Unit 7	0.00	6.53	0	0
Unit 8	5.30	130.11	249	184
Total	10.59	253.18		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.20	160.30	475	455
Unit 6	0.00	0.00	0	0
Unit 7	0.00	215.98	0	0
Unit 8	11.80	184.93	500	478
Unit 9	11.54	270.63	497	450
Total	34.54	831.84		
Paras				
Unit 3	6.03	78.56	256	250
Unit 4	5.93	140.74	253	230
Total	11.96	219.30		
Khaparkheda				
Unit 1	3.81	66.62	165	145
Unit 2	0.00	43.86	0	0
Unit 3	4.30	13.80	200	162
Unit 4	0.00	70.75	0	0
Unit 5	10.17	203.79	451	410
Total	18.28	398.82		
Nasik				
Unit 3	4.21	104.90	195	160
Unit 4	4.03	100.51	177	157
Unit 5	0.00	0.00	0	0
Total	8.24	205.41		
Uran				
All Units	7.41	205.44	420	251
Total	7.41	205.44		
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)	0.03	2.00	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	2.00		
Koyna				
Stage 1-2	1.69	76.78	270	40
Stage 4	0.28	101.74	185	0
Stage 3	0.47	38.98	80	0
Total	2.44	217.50		
Hydro				
KDPH	0.86	18.68	36	36
VTRNA	1.46	28.65	61	61
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.38	80	0
RNGR+BHTSA	0.35	8.74	15	14
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	18.04	22	21
GHATGHAR	0.35	22.67	125	0
Total	3.72	107.87		
Wind				
Total	13.36	151.75	0	0
Total	13.36	151.75		
CPP				
APML(Mus)	39.33	1165.09	0	0
JSWEL(Mus)	10.71	404.18	0	0
VIPL(Mus)	6.35	156.38	0	0
RPLAMT(Mus)	22.91	573.54	0	0
WPCL(Mus)	3.99	105.48	0	0
Other(Mus)	12.14	301.74	0	0
Total	95.44	2706.41		
SOLAR				
Total	3.58	83.66	0	0
Total	3.58	83.66		
Tata				
Trombay 5	8.02	224.11	473	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	58.59	78	63
Trombay 7B	1.25	36.99	55	50
Trombay 8	5.07	130.51	245	199
TATA Hydro	1.58	84.10	279	19
Total	17.52	534.30		
R-INFRA				
DTPS U-1&2	9.97	230.60	503	374
Total	9.97	230.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.59	3084.01	MSPGCL Total	147.16	3614.82
			MSPGCL Thml+Gas	141.00	3289.45	Koyna 1,2 & 4 Total	1.97	178.52
			MSPGCL Hydro	6.16	325.37	State Total	287.04	7321.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5546	177	256	5979	460	4119	0	0	5505	5452	-987	15023	0	15023	2014	17037	49.93
2	5511	172	268	5951	602	4002	0	0	5387	4987	-835	14707	0	14707	1859	16566	50.01
3	5325	182	251	5758	763	3748	0	0	5151	5010	-727	14552	0	14552	1752	16304	50.01
4	5239	173	309	5721	768	3735	0	0	4872	4862	-663	14423	0	14423	1678	16101	50.02
5	5339	178	363	5880	705	3749	0	0	4858	4965	-654	14645	0	14645	1666	16311	50.00
6	5657	177	406	6240	638	3888	0	0	5191	5303	-711	15358	0	15358	1720	17078	50.01
7	5682	263	420	6365	579	4097	0	4	5778	6081	-632	16494	0	16494	1773	18267	50.03
8	5679	378	409	6466	602	4138	0	51	6489	6548	-511	17294	0	17294	1824	19118	50.02
9	5696	253	416	6365	484	4175	0	196	6334	6333	-643	16910	0	16910	1945	18855	49.96
10	5654	376	411	6441	515	4106	0	325	6454	6367	-812	16942	0	16942	2075	19017	49.97
11	5715	578	392	6685	605	4126	0	449	6731	6780	-893	17752	0	17752	2204	19956	50.02
12	5727	635	283	6645	711	4120	0	487	7264	7261	-869	18355	0	18355	2219	20574	50.00
13	5694	302	261	6257	766	4128	0	508	7165	6902	-917	17644	0	17644	2224	19868	50.01
14	5676	269	269	6214	781	4148	0	500	6539	6428	-980	17091	0	17091	2168	19259	50.03
15	5659	174	259	6092	741	4143	0	442	6529	6684	-1057	17045	0	17045	2139	19184	50.00
16	5686	199	261	6146	688	4132	0	337	6525	6396	-1021	16678	0	16678	2099	18777	50.00
17	5702	404	272	6378	551	4151	0	212	5772	6186	-1002	16476	0	16476	2082	18558	49.97
18	5644	179	262	6085	415	3978	0	74	5554	5280	-1002	14830	0	14830	2080	16910	50.00
19	5597	179	274	6050	302	3725	0	0	5482	5215	-1072	14220	0	14220	2152	16372	50.00
20	5574	194	274	6042	276	3913	0	0	5480	5582	-973	14840	0	14840	2258	17098	49.98
21	5564	184	267	6015	292	3923	0	0	5305	5243	-1020	14453	0	14453	2284	16737	49.97
22	5359	179	276	5814	371	3730	0	0	5395	5232	-1097	14050	0	14050	2229	16279	50.00
23	5309	179	277	5765	384	3738	0	0	5405	5541	-1160	14268	0	14268	2234	16502	49.97
24	5354	174	278	5806	357	3732	0	0	5342	5525	-1110	14310	0	14310	2162	16472	50.00
MUs	133.59	6.16	7.41	147.16	13.36	95.44	0.00	3.59	140.51	140.16	-21.35	378.36	0.00	378.36	48.84	427.20	50.00

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 25/Feb/2018

Position as on 6.30 Hrs of 26/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 25/Feb/2018

Position as on 6.30 Hrs of 26/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		Continued.	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	01.52		Continued.	Due To Drum Level Low.	
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 7	108	24/02/2018	01.02	25/02/2018	02.39	filter replacement.	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2018

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	24/02/2018	17.08	25/02/2018	07.01	HT	Over Voltage
Parli (Pg) Wardha (Pg) I	InterState	25/02/2018	10.46	25/02/2018	20.31	PO	Powergrid work
Parli (Pg) Wardha (Pg) li	InterState	25/02/2018	10.54	25/02/2018	20.34	PO	Powergrid work
Dhule Sar'Sarovar II	InterState	25/02/2018	17.24		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/02/2018	16.55	25/02/2018	06.38	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/02/2018	19.26		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	25/02/2018	10.02	25/02/2018	16.34	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	25/02/2018	17.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/11.5 kV 90MVA STN T/F-IV @ Chandrapur	IntraState	22/02/2018	16.34		Continued.	PO	oil filtration.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	25/02/2018	17.14		Continued.	T	NDR protection operated
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)
Kharghar-Sonkhar	IntraState	25/02/2018	06.30	25/02/2018	17.29	PO	line strengthening work
Kharghar-Borivali ckt I	IntraState	25/02/2018	18.15	25/02/2018	18.30	T	tripped only kherghar end
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(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