

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Feb/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.917	2553.437	1) Gujrat	0.992	11.768
2) Hydro	23.678	265.925	2) Madhya Pradesh	17.568	367.390
3) Gas	8.596	172.373	3) Chattisgarh	6.660	157.160
Total MSPGCL	158.191	2991.735	4) Maharashtra Net	105.046	2122.080
B) 1) APML	46.038	998.202	5) Goa (Amona)	-0.638	-14.322
2) JSWEL	12.367	358.254	Total	129.628	2644.076
3) VIPL	7.250	129.330	a) Mumbai Schedule	20.502	400.136
4) RPL(AMT)	25.424	471.424	b) Mumbai Drawl	19.913	453.093
5) WPCL	4.418	88.654	c) MSEDCL Bilateral *	26.868	434.873
6) PGPL	0.000	0.000	Include PX	9.105	55.482
7) Other IPP	11.497	255.292	d) Mumbai Bilateral *	20.502	396.324
C) 1) TPCL Thermal	15.879	295.570	Include PX	5.964	137.593
2) TPCL Hydro	5.124	68.868	Include Standby	0.000	3.813
3) TPCL Gas	3.766	80.422	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.816	187.552	1) MSEDCL	382.351	7676.636
D) STATE			2) Mumbai Discoms	56.496	1085.513
1) Thermal	260.606	5337.715	TOTAL STATE	438.847	8762.149
(A1+C1+C4+(B1-B6))					
2) Hydro	28.802	334.793			
(A2+C2)					
3) Gas	12.362	252.795			
(A3+B6+C3)					
4) Wind	4.005	123.036			
6) SOLAR	3.446	69.726			
TOTAL STATE	309.221	6118.065			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5222	5228	5204	5240
MSPGCL Hydro	1731	1201	1191	186
MSPGCL Gas	386	392	410	291
MSPGCL Total Generation	7339	6821	6805	5717
Central Sector Receipt	6362	6500	4941	4606
WIND	254	171	185	152
CPP / IPP Thermal	4576	4520	4568	4163
CPP / IPP Gas	0	0	0	0
SOLAR	434	513	0	0
Exchange with Mumbai	-1018	-1055	-1006	-519
MSEDCL DEMAND MET	17947	17470	15493	14119
Load Shedding	0	0	0	0
MSEDCL DEMAND	17947	17470	15493	14119
TPCL GENERATION	1301	1294	1193	644
R-INFRA GENERATION	503	502	503	503
MUMBAI DEMAND	2822	2851	2702	1666
STATE DEMAND MET	20769	20321	18195	15785
STATE DEMAND	20769	20321	18195	15785
Frequency (Hz)	49.97	49.98	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 1200 Hrs	49.71 Hz at 0639 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 21/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	11.48	244.10	510	425
Unit 9	0.00	0.00	0	0
Unit 10	14.03	256.30	660	530
Total	25.51	500.40		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.20	215.13	490	445
Unit 5	11.33	215.32	500	445
Total	22.53	476.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.28	94.45	109	0
Unit 7	0.22	6.53	115	0
Unit 8	5.79	107.33	245	234
Total	6.29	208.31		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	119.55	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.66	210.37	455	426
Unit 8	11.69	139.27	500	480
Unit 9	11.14	227.18	495	432
Total	33.48	696.38		
Paras				
Unit 3	6.03	54.74	256	247
Unit 4	5.94	117.15	256	236
Total	11.97	171.88		
Khaparkheda				
Unit 1	3.82	51.37	165	150
Unit 2	3.14	43.86	190	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	70.75	0	0
Unit 5	10.50	162.28	495	415
Total	17.46	328.26		
Nasik				
Unit 3	4.44	87.58	194	170
Unit 4	4.23	84.22	186	164
Unit 5	0.00	0.00	0	0
Total	8.66	171.80		
Uran				
All Units	8.60	172.37	415	288
Total	8.60	172.37		
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)	0.04	1.72	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.72		
Koyna				
Stage 1-2	5.61	61.32	510	40
Stage 4	11.02	80.05	1000	0
Stage 3	3.17	31.07	240	0
Total	19.80	172.44		
Hydro				
KDPH	0.86	15.22	36	35
VTRNA	0.94	23.70	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	3.53	80	0
RNGR+BHTSA	0.36	7.36	16	15
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	15.86	25	24
GHATGHAR	0.80	21.10	125	0
Total	3.88	93.49		
Wind				
Total	4.00	123.04	0	0
Total	4.00	123.04		
CPP				
APML(Mus)	46.04	998.20	0	0
JSWEL(Mus)	12.37	358.25	0	0
VIPL(Mus)	7.25	129.33	0	0
RPLAMT(Mus)	25.42	471.42	0	0
WPCL(Mus)	4.42	88.65	0	0
Other(Mus)	11.50	255.29	0	0
Total	106.99	2301.16		
SOLAR				
Total	3.45	69.73	0	0
Total	3.45	69.73		
Tata				
Trombay 5	10.40	186.44	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.45	49.32	111	80
Trombay 7B	1.32	31.11	66	25
Trombay 8	5.48	109.13	241	200
TATA Hydro	5.12	68.87	417	0
Total	24.77	444.86		
R-INFRA				
DTPS U-1&2	11.82	187.55	505	394
Total	11.82	187.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.92	2553.44	MSPGCL Total	158.19	2991.74
			MSPGCL Thml+Gas	134.51	2725.81	Koyna 1,2 & 4 Total	16.63	141.37
			MSPGCL Hydro	23.68	265.92	State Total	309.22	6118.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	5365	176	289	5830	157	4053	0	0	4822	4945	-698	14287	0	14287	1887	16174	49.98
2	5358	177	288	5823	155	4142	0	0	4730	4569	-530	14159	0	14159	1747	15906	49.95
3	5240	186	291	5717	152	4163	0	0	4685	4606	-519	14119	0	14119	1666	15785	49.95
4	5258	175	291	5724	156	4239	0	0	4674	4666	-564	14221	0	14221	1605	15826	49.99
5	5221	251	300	5772	143	4251	0	0	4691	4908	-579	14495	0	14495	1609	16104	49.96
6	5287	740	291	6318	210	4427	0	0	4615	4969	-488	15436	0	15436	1733	17169	49.94
7	5322	1654	291	7267	251	4448	0	1	5039	5333	-569	16731	0	16731	1919	18650	49.91
8	5313	1973	305	7591	300	4553	0	47	5438	6101	-425	18167	0	18167	2115	20282	49.96
9	5292	1996	319	7607	212	4592	0	177	5687	5840	-628	17800	0	17800	2383	20183	49.99
10	5176	1675	346	7197	220	4608	0	320	5847	5946	-827	17464	0	17464	2623	20087	49.93
11	5222	1731	386	7339	254	4576	0	434	6111	6362	-1018	17947	0	17947	2822	20769	49.97
12	5249	1411	385	7045	209	4568	0	488	6682	6544	-1066	17788	0	17788	2885	20673	49.97
13	5228	1201	392	6821	171	4520	0	513	6489	6500	-1055	17470	0	17470	2851	20321	49.98
14	5280	1271	391	6942	114	4581	0	476	6020	6043	-1020	17136	0	17136	2734	19870	50.02
15	5263	1477	391	7131	108	4573	0	424	6008	6160	-1050	17346	0	17346	2761	20107	49.93
16	5250	1633	393	7276	115	4575	0	315	5932	5847	-1104	17024	0	17024	2816	19840	49.98
17	5237	1756	404	7397	113	4477	0	193	5248	5393	-1033	16540	0	16540	2803	19343	49.93
18	5153	1211	394	6758	100	4582	0	57	5029	5055	-1064	15488	0	15488	2756	18244	49.95
19	5195	690	398	6283	140	4564	0	1	4962	5022	-1059	14951	0	14951	2714	17665	49.95
20	5204	1191	410	6805	185	4568	0	0	4978	4941	-1006	15493	0	15493	2702	18195	49.96
21	5205	486	400	6091	185	4565	0	0	4836	4997	-940	14898	0	14898	2540	17438	49.96
22	5264	267	412	5943	154	4473	0	0	5076	4883	-944	14509	0	14509	2454	16963	50.00
23	5192	175	414	5781	114	4459	0	0	5025	5030	-927	14457	0	14457	2215	16672	49.94
24	5143	175	415	5733	87	4434	0	0	4934	4968	-800	14422	0	14422	2158	16580	49.99
MUs	125.92	23.68	8.60	158.19	4.00	106.99	0.00	3.45	127.56	129.63	-19.91	382.35	0.00	382.35	56.50	438.85	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 21/Feb/2018

Position as on 6.30 Hrs of 22/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.	
MSPGCL	Khaparkhedha Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Feb/2018

Position as on 6.30 Hrs of 22/Feb/2018

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	31/01/2018	14.31		Continued.	poor coal receipt.	
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	Chandrapur Unit 5	500	18/02/2018	04.00	22/02/2018	03.36	Water Shortage	
MSPGCL	Parli Unit 6	250	19/02/2018	07.25	21/02/2018	19.45	Air heater problem	
MSPGCL	Khaparkheda Unit 4	210	19/02/2018	23.34		Continued.	Turbine bearing Vabration high	
MSPGCL	Uran Unit 8	108	20/02/2018	05.34	21/02/2018	07.24	Bearing Oil Leakage.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-2	270	20/02/2018	21.25	21/02/2018	02.51	Generator Protection operated	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 21/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 22/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/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	19/02/2018	17.56		Continued.	HT	Over Voltage
Bus Coupler @ Parly(Girwali)	IntraState	03/02/2018	18.33	21/02/2018	23.39	PO	Kept Off For Isolator Signal Problem Correction.
Khadka-Aurangabad (Waluj)	IntraState	20/02/2018	16.44		Continued.	HT	Over Voltage (21.02.2018. 07:45 Line Maintenance Work)
Koradi-Bhusawal	IntraState	21/02/2018	09.43	21/02/2018	16.23	PO	Shifted On TBC
Chandrapur - Parli	IntraState	21/02/2018	10.34		Continued.	PO	Carrying Out Signature Test.
Karad - Jaigad - II	IntraState	21/02/2018	18.03		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	22/02/2018	05.29	22/02/2018	06.22	T	Trip Only From Padgha End.
400 KV ICT Outages/Tripping							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01		Continued.	EO	Due to negative DGA report.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	15/02/2018	14.28	21/02/2018	19.08	PO	overhauling work (Kept On Humming)
400/220kv 315MVA ICT-III @ Kharghar	IntraState	21/02/2018	09.41	21/02/2018	21.34	PO	Testing Work
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	21/02/2018	21.46	21/02/2018	22.06	PO	Shift On A-Bus From B-Bus.
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.
Solapur (Pg) South Solapur li	InterState	21/02/2018	11.40	21/02/2018	16.40	PO	Routine Maintenance Work
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)
Kalwa - Borivali	IntraState	19/02/2018	06.19	21/02/2018	00.37	PO	Bay strengthening Work.
Deoli(Pgcil)-Badnera	IntraState	21/02/2018	07.31	21/02/2018	08.20	HT	Ckt Hand Trip. From Wardha(PG) End As Per Instructions From WRDLC To control Overdrawal Parley Ict Loading.
Solapur(Bale) - Tuljapur	IntraState	21/02/2018	07.55		Continued.	PO	Generation U6 & U7 Not Available SLDC Instructed.
Kanhan - Suryalaxmi	IntraState	21/02/2018	09.22	21/02/2018	14.12	PO	Measurement Of CB Timing And CRM Measurement Of Tan Delta Of CT.
Dhamangaon New - Badnera	IntraState	21/02/2018	09.28	21/02/2018	19.46	PO	Replacement Of Isolator Under Les
Karad(400kv) - Wathar	IntraState	21/02/2018	10.09	21/02/2018	14.05	PO	Line Maintenance work
Karad -Mudshingi Ckt- IV	IntraState	21/02/2018	14.13	21/02/2018	17.44	PO	Line Maintenance work
Kalwa - Borivali	IntraState	22/02/2018	06.00		Continued.	PO	To Attend CT Oil Leakage At Kalwa
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 21/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 125 Mva Transformer 5 @Versova R/S	IntraState	21/02/2018	09.44	21/02/2018	19.45	PO	Annual Maintenance Work