

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Feb/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.830	2686.267	1) Gujrat	1.224	12.992
2) Hydro	22.549	288.474	2) Madhya Pradesh	17.361	384.751
3) Gas	9.708	182.081	3) Chattisgarh	6.290	163.450
Total MSPGCL	165.087	3156.822	4) Maharashtra Net	105.769	2222.206
B) 1) APML	45.271	1043.473	5) Goa (Amona)	-0.594	-14.916
2) JSWEL	12.152	370.406	Total	130.050	2768.483
3) VIPL	7.473	136.803	a) Mumbai Schedule	20.896	421.033
4) RPL(AMT)	26.891	498.315	b) Mumbai Drawl	19.991	473.084
5) WPCL	4.468	93.122	c) MSEDCL Bilateral *	28.800	463.672
6) PGPL	0.000	0.000	Include PX	11.633	67.115
7) Other IPP	11.354	266.646	d) Mumbai Bilateral *	20.896	417.220
C) 1) TPCL Thermal	16.072	311.642	Include PX	6.700	144.293
2) TPCL Hydro	4.705	73.573	Include Standby	0.000	3.813
3) TPCL Gas	4.236	84.658	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.754	199.306	1) MSEDCL	389.196	8060.189
D) STATE			2) Mumbai Discoms	56.759	1142.272
1) Thermal	268.265	5605.980	TOTAL STATE	445.955	9202.461
(A1+C1+C4+(B1-B6))					
2) Hydro	27.254	362.047			
(A2+C2)					
3) Gas	13.944	266.739			
(A3+B6+C3)					
4) Wind	3.034	126.070			
6) SOLAR	3.407	73.133			
TOTAL STATE	315.904	6433.969			

* 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 3 Hrs
MSPGCL Thermal	5724	5801	5572	5259
MSPGCL Hydro	1618	1577	677	201
MSPGCL Gas	392	381	388	405
MSPGCL Total Generation	7734	7759	6637	5865
Central Sector Receipt	6719	6486	5138	4233
WIND	139	114	116	67
CPP / IPP Thermal	4518	4512	4475	4433
CPP / IPP Gas	0	0	0	0
SOLAR	498	489	0	0
Exchange with Mumbai	-1185	-1227	-970	-367
MSEDCL DEMAND MET	18423	18133	15396	14231
Load Shedding	0	0	0	0
MSEDCL DEMAND	18423	18133	15396	14231
TPCL GENERATION	1226	1157	1248	813
R-INFRA GENERATION	503	503	503	503
MUMBAI DEMAND	2914	2887	2721	1683
STATE DEMAND MET	21337	21020	18117	15914
STATE DEMAND	21337	21020	18117	15914
Frequency (Hz)	49.86	49.97	50.00	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.05 Hrs	49.75 Hz at 06.53 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 22/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	11.47	255.56	557	412
Unit 9	0.00	0.00	0	0
Unit 10	14.67	270.97	660	541
Total	26.13	526.53		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.50	226.63	500	295
Unit 5	11.79	227.11	500	475
Total	23.29	499.69		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.40	99.86	250	120
Unit 7	0.00	6.53	0	0
Unit 8	5.85	113.17	250	206
Total	11.25	219.56		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.70	127.24	455	0
Unit 6	0.00	0.00	0	0
Unit 7	5.61	215.98	449	0
Unit 8	11.50	150.77	491	440
Unit 9	11.35	238.53	497	435
Total	36.16	732.53		
Paras				
Unit 3	5.96	60.70	258	231
Unit 4	5.86	123.01	254	200
Total	11.82	183.71		
Khaparkheda				
Unit 1	3.82	55.20	165	150
Unit 2	0.00	43.86	0	0
Unit 3	1.10	1.10	134	0
Unit 4	0.00	70.75	0	0
Unit 5	10.66	172.94	480	425
Total	15.58	343.84		
Nasik				
Unit 3	4.48	92.07	190	170
Unit 4	4.11	88.33	176	165
Unit 5	0.00	0.00	0	0
Total	8.59	180.40		
Uran				
All Units	9.71	182.08	421	380
Total	9.71	182.08		
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)	0.17	1.88	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	1.88		
Koyna				
Stage 1-2	4.93	66.26	445	40
Stage 4	10.15	90.19	1005	0
Stage 3	3.27	34.34	240	0
Total	18.34	190.78		
Hydro				
KDPH	0.86	16.08	36	35
VTRNA	1.44	25.14	61	59
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	3.81	80	0
RNGR+BHTSA	0.36	7.72	15	15
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	16.45	25	24
GHATGHAR	0.67	21.77	125	0
Total	4.20	97.69		
Wind				
Total	3.03	126.07	0	0
Total	3.03	126.07		
CPP				
APML(Mus)	45.27	1043.47	0	0
JSWEL(Mus)	12.15	370.41	0	0
VIPL(Mus)	7.47	136.80	0	0
RPLAMT(Mus)	26.89	498.32	0	0
WPCL(Mus)	4.47	93.12	0	0
Other(Mus)	11.35	266.65	0	0
Total	107.61	2408.76		
SOLAR				
Total	3.41	73.13	0	0
Total	3.41	73.13		
Tata				
Trombay 5	10.45	196.88	488	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	51.97	116	108
Trombay 7B	1.58	32.68	67	65
Trombay 8	5.63	114.76	242	198
TATA Hydro	4.70	73.57	390	17
Total	25.01	469.87		
R-INFRA				
DTPS U-1&2	11.75	199.31	505	375
Total	11.75	199.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.83	2686.27	MSPGCL Total	165.09	3156.82
			MSPGCL Thml+Gas	142.54	2868.35	Koyna 1,2 & 4 Total	15.08	156.45
			MSPGCL Hydro	22.55	288.47	State Total	315.90	6433.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5162	301	417	5880	98	4405	0	0	4758	4846	-560	14669	0	14669	1916	16585	49.98
2	5207	181	403	5791	96	4424	0	0	4657	4586	-388	14509	0	14509	1768	16277	49.95
3	5259	201	405	5865	67	4433	0	0	4529	4233	-367	14231	0	14231	1683	15914	49.92
4	5332	191	416	5939	67	4425	0	0	4437	4400	-388	14443	0	14443	1625	16068	49.97
5	5487	181	419	6087	63	4421	0	0	4475	4590	-398	14763	0	14763	1628	16391	49.98
6	5529	662	419	6610	148	4420	0	0	4804	5114	-448	15844	0	15844	1722	17566	49.95
7	5559	1202	421	7182	171	4430	0	4	5645	5597	-456	16928	0	16928	1846	18774	49.88
8	5578	1799	420	7797	139	4597	0	47	5894	5857	-443	17994	0	17994	2104	20098	49.95
9	5703	1253	419	7375	232	4610	0	181	5935	5803	-621	17580	0	17580	2360	19940	49.96
10	5693	1377	395	7465	235	4607	0	324	5720	5905	-871	17665	0	17665	2664	20329	49.93
11	5720	1582	407	7709	154	4624	0	429	6137	6030	-1090	17856	0	17856	2857	20713	49.94
12	5724	1618	392	7734	139	4518	0	498	6765	6719	-1185	18423	0	18423	2914	21337	49.86
13	5801	1577	381	7759	114	4512	0	489	6657	6486	-1227	18133	0	18133	2887	21020	49.97
14	5800	1667	388	7855	127	4516	0	465	6074	6340	-1133	18170	0	18170	2779	20949	50.01
15	5554	1763	396	7713	128	4517	0	410	6139	6178	-1160	17786	0	17786	2806	20592	49.93
16	5534	1895	380	7809	114	4484	0	322	6141	6080	-1141	17668	0	17668	2838	20506	49.91
17	5579	1805	402	7786	136	4494	0	182	5545	5725	-1080	17243	0	17243	2829	20072	49.99
18	5429	1303	394	7126	90	4511	0	56	5290	5180	-1124	15839	0	15839	2774	18613	49.99
19	5588	472	406	6466	130	4544	0	0	5180	4911	-1055	14996	0	14996	2717	17713	49.98
20	5572	677	388	6637	116	4475	0	0	5187	5138	-970	15396	0	15396	2721	18117	50.00
21	5585	302	410	6297	142	4464	0	0	5088	4961	-846	15018	0	15018	2576	17594	50.01
22	5504	185	412	6101	124	4401	0	0	5263	5150	-994	14782	0	14782	2392	17174	49.97
23	5479	180	412	6071	97	4395	0	0	5240	5142	-1070	14635	0	14635	2240	16875	49.96
24	5452	175	406	6033	107	4382	0	0	5195	5079	-976	14625	0	14625	2112	16737	50.00
MUs	132.83	22.55	9.71	165.09	3.03	107.61	0.00	3.41	130.75	130.05	-19.99	389.20	0.00	389.20	56.76	445.95	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 22/Feb/2018

Position as on 6.30 Hrs of 23/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 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	
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	Khaparkheda Unit 3	210	12/09/2017	00.00	22/02/2018	10.56	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 22/Feb/2018

Position as on 6.30 Hrs of 23/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	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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 23/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	19/02/2018	17.56	22/02/2018	08.56	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	22/02/2018	17.01		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/02/2018	16.44	23/02/2018	06.42	HT	Over Voltage (21.02.2018. 07:45 Line Maintenance Work)
Chandrapur - Parli	IntraState	21/02/2018	10.34	22/02/2018	07.35	PO	Carrying Out Signature Test.
Karad - Jaigad - II	IntraState	21/02/2018	18.03	22/02/2018	09.33	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	22/02/2018	05.29	22/02/2018	06.22	T	Trip Only From Padgha End.
Khadka-Aurangabad (Waluj)	IntraState	22/02/2018	06.50		Continued.	PO	Line Maintenance work
Babhaleshwar - Padghe-II	IntraState	22/02/2018	13.09	22/02/2018	19.07	PO	for attending disk flash over at location no.
Karad-Jaigad - I	IntraState	22/02/2018	17.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01	22/02/2018	19.50	EO	Due to negative DGA report.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	15/02/2018	14.28	22/02/2018	16.13	PO	overhauling work (Kept On Humming)
400/11.5 kV 90MVA STN T/F-IV @ Chandrapur	IntraState	22/02/2018	16.34		Continued.	PO	oil filtration.
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.
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	22/02/2018	06.00	22/02/2018	13.34	PO	To Attend CT Oil Leakage At Kalwa
Theur- Magar Patta City	IntraState	22/02/2018	10.35	22/02/2018	13.31	PO	jumper replacement work.
Lonikand - Bhosari	IntraState	22/02/2018	10.35	22/02/2018	13.48	PO	Testing Work
Urse-Chinchwad	IntraState	22/02/2018	12.15		Continued.	PO	shifted on tbc.
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	22/02/2018	12.19	22/02/2018	16.12	PO	Tan Delta Measurment of CTs
Kandalgaon - Pirangut	IntraState	22/02/2018	12.20	22/02/2018	12.40	T	Distance Protection
REL Borivali TPC Borivali line	IntraState	22/02/2018	13.40	22/02/2018	16.10	PO	Tan Delta Measurment of CTs
Wardha-Dhamangaon	IntraState	22/02/2018	14.03	22/02/2018	17.06	PO	jumper replacement of b- ph ct.
Vankuswade - Kdph	IntraState	22/02/2018	14.05	22/02/2018	14.35	T	Distance Protection
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	22/02/2018	16.20	22/02/2018	18.46	PO	Tan Delta Measurment of CTs
Apta - Hoc	IntraState	22/02/2018	16.30	22/02/2018	19.08	PO	Relay Replacement 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(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 22/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 23/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV ICT II @ Kopergaon	IntraState	22/02/2018	09.10	22/02/2018	14.15	PO	Testing Work
220/22 Kv 50 Mva Vijai Make Ptr 1 @Uran	IntraState	22/02/2018	11.52	22/02/2018	16.49	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Ashti - Mul	IntraState	22/02/2018	00.58	22/02/2018	01.18	T	Distance Protection