

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 04/Feb/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.906	530.787	1) Gujrat	4.117	21.011
2) Hydro	14.075	42.320	2) Madhya Pradesh	12.458	46.450
3) Gas	5.981	23.001	3) Chattisgarh	4.340	18.280
Total MSPGCL	155.962	596.108	4) Maharashtra	116.713	465.770
B) 1) APML	74.104	287.310	5) Goa (Amona)	-0.528	-2.112
2) JSWEL	24.122	92.820	Total	137.100	549.399
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.768	81.624
4) RPL(AMT)	20.610	65.363	b) Mumbai Drawl	25.086	94.148
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	33.657	117.353
6) Other IPP	16.150	62.588	Include PX	2.506	10.900
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.768	81.624
C) 1) TPCL Thermal	14.454	54.550	Include PX	5.628	23.854
2) TPCL Hydro	4.727	14.886	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.084	22.052	1) MSEDCL	414.524	1614.753
D) STATE			2) Mumbai Discoms	50.351	188.295
1) Thermal	291.430	1115.470	TOTAL STATE	464.875	1803.048
(A1+C1+C4+(B1-B6))					
2) Hydro	18.802	57.206			
(A2+C2)					
3) Gas	5.981	25.660			
(A3+B7+C3)					
4) Wind	5.320	30.669			
6) SOLAR	6.242	24.644			
TOTAL STATE	327.775	1253.649			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5679	5600	5899	5570
MSPGCL Hydro	1314	843	104	85
MSPGCL Gas	269	256	270	275
MSPGCL Total Generation	7262	6699	6273	5930
Central Sector Receipt	7053	6748	5738	4761
WIND	159	230	248	118
CPP / IPP Thermal	6090	6036	5713	4840
CPP / IPP Gas	0	0	0	0
SOLAR	896	907	2	0
Exchange with Mumbai	-1400	-1322	-1453	-725
MSEDCL DEMAND MET	20060	19298	16521	14924
Load Shedding	0	0	0	0
MSEDCL DEMAND	20060	19298	16521	14924
TPCL GENERATION	1012	1011	743	495
AEML GENERATION	250	250	199	192
MUMBAI DEMAND	2662	2583	2395	1412
STATE DEMAND MET	22722	21881	18916	16336
STATE DEMAND	22722	21881	18916	16336
Frequency (Hz)	50.00	49.94	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18.01 Hrs	49.68 Hz at 06.13 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 04/Feb/2020

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	10.28	45.38	460	376
Unit 9	12.13	42.98	540	400
Unit 10	12.22	46.54	520	475
Total	34.64	134.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.77	19.06	240	78
Unit 7	5.48	21.12	249	197
Unit 8	5.39	8.02	248	195
Total	14.63	48.20		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	15.97	174	162
Unit 5	0.00	0.00	0	0
Unit 6	10.58	41.15	480	356
Unit 7	10.08	39.76	450	350
Unit 8	11.46	43.24	495	440
Unit 9	8.94	41.22	490	0
Total	45.12	181.34		
Paras				
Unit 3	4.74	19.90	225	187
Unit 4	5.35	21.29	251	192
Total	10.09	41.20		
Khaparkheda				
Unit 1	3.94	16.02	180	150
Unit 2	4.11	16.75	195	160
Unit 3	4.38	17.39	196	158
Unit 4	3.78	16.75	195	0
Unit 5	10.84	41.80	480	435
Total	27.05	108.71		
Nasik				
Unit 3	0.31	12.22	146	0
Unit 4	4.07	4.22	197	116
Unit 5	0.00	0.00	0	0
Total	4.38	16.44		
Uran				
All Units	5.98	23.00	276	150
Total	5.98	23.00		
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)	0.13	2.78	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	2.78		
Koyna				
Stage 1-2	3.98	11.45	450	30
Stage 4	5.21	15.22	750	0
Stage 3	2.45	6.14	320	0
Total	11.63	32.80		
Hydro				
KDPH	0.04	0.04	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	1.98	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.41	80	0
RNGR+BHTSA	0.36	1.20	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.35	0	0
SMLHY_PTN	0.82	2.17	35	34
GHATGHAR	0.59	3.36	125	0
Total	2.44	9.52		
Wind				
Total	5.32	30.67	0	0
Total	5.32	30.67		
CPP				
APML(Mus)	74.10	287.31	0	0
JSWEL(Mus)	24.12	92.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.61	65.36	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	16.15	62.59	0	0
Total	134.99	508.08		
SOLAR				
Total	6.24	24.64	0	0
Total	6.24	24.64		
Tata				
Trombay 5	9.48	35.48	476	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.50	0	0
Trombay 7B	0.00	1.16	0	0
Trombay 8	4.98	19.07	243	172
TATA Hydro	4.73	14.89	294	6
Total	19.18	72.10		
AEML				
DTPS U-1&2	6.08	22.05	377	191
Total	6.08	22.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.91	530.79	MSPGCL Total	155.96	596.11
			MSPGCL Thml+Gas	141.89	553.79	Koyna 1,2 & 4 Total	9.18	26.67
			MSPGCL Hydro	14.08	42.32	State Total	327.78	1253.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Feb/2020

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	5722	86	274	6082	175	5182	0	0	4946	4632	-878	15193	0	15193	1632	16825	49.91
2	5761	81	276	6118	187	4983	0	0	4930	4504	-768	15024	0	15024	1522	16546	50.00
3	5572	86	274	5932	152	4819	0	0	4921	4846	-719	15030	0	15030	1440	16470	49.98
4	5570	85	275	5930	118	4840	0	0	4927	4761	-725	14924	0	14924	1412	16336	49.95
5	5763	85	266	6114	111	5053	0	0	4988	5018	-745	15551	0	15551	1429	16980	49.98
6	5733	345	274	6352	85	5537	0	0	5290	5501	-748	16727	0	16727	1562	18289	49.90
7	5870	1095	276	7241	77	5624	0	4	5724	5954	-709	18191	0	18191	1787	19978	49.88
8	5860	1577	276	7713	62	5954	0	57	5659	6188	-833	19141	0	19141	1969	21110	49.91
9	5837	1674	276	7787	55	6122	0	263	5996	5924	-1018	19133	0	19133	2244	21377	49.96
10	5822	1270	274	7366	91	6143	0	574	6496	6442	-1211	19405	0	19405	2469	21874	49.96
11	5647	1134	262	7043	128	6098	0	786	6969	6992	-1356	19691	0	19691	2619	22310	50.01
12	5679	1314	269	7262	159	6090	0	896	7203	7053	-1400	20060	0	20060	2662	22722	50.00
13	5600	843	256	6699	230	6036	0	907	7061	6748	-1322	19298	0	19298	2583	21881	49.94
14	5399	782	264	6445	298	6043	0	904	6868	6706	-1181	19215	0	19215	2443	21658	49.98
15	5383	834	254	6471	318	6061	0	786	6773	6900	-1199	19337	0	19337	2459	21796	49.95
16	5448	1004	255	6707	336	6077	0	626	6591	6486	-1200	19032	0	19032	2458	21490	49.97
17	5630	1014	266	6910	304	6120	0	326	6079	5918	-1193	18385	0	18385	2452	20837	49.96
18	5789	222	258	6269	256	5974	0	111	5762	5743	-1219	17134	0	17134	2408	19542	49.96
19	5899	104	270	6273	248	5713	0	2	5675	5738	-1453	16521	0	16521	2395	18916	49.97
20	5974	104	261	6339	289	5847	0	0	5520	5152	-1340	16287	0	16287	2377	18664	49.97
21	5570	84	164	5818	409	5428	0	0	5195	4921	-1132	15444	0	15444	2259	17703	49.99
22	5549	79	150	5778	455	5094	0	0	5227	5045	-1001	15371	0	15371	2105	17476	50.02
23	5450	89	160	5699	408	5085	0	0	5248	4999	-933	15258	0	15258	1922	17180	49.97
24	5379	84	151	5614	369	5063	0	0	5236	4929	-803	15172	0	15172	1743	16915	49.98
MUs	135.91	14.07	5.98	155.96	5.32	134.99	0.00	6.24	139.28	137.10	-25.09	414.52	0.00	414.52	50.35	464.87	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 04/Feb/2020

Position as on 6.30 Hrs of 05/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage. Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00	04/02/2020	05.02	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	28/01/2020	01.40		Continued.	Routine Operating Hour Equalization Of Units.	
MSPGCL	Uran Unit A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity Renevoation	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage	
MSPGCL	Koyna Unit 3	70	02/02/2020	08.20		Continued.	Maintenance work	
MSPGCL	Koyna Unit 4	70	02/02/2020	08.30		Continued.	Maintenance work	
AEML	AEML Unit 2	250	03/02/2020	18.30	04/02/2020	19.17	M.S Line Strainer Leakage.	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Feb/2020

Position as on 6.30 Hrs of 05/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	04/02/2020	09.43	04/02/2020	11.36	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	04/02/2020	12.42	04/02/2020	16.25	C & I Problem.	
MSPGCL	Uran Unit 8	108	04/02/2020	20.06	05/02/2020	00.12	NG Contoller system Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 05/Feb/2020

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	03/02/2020	12.52	04/02/2020	07.53	PO	Rusted/Damaged Earth Wire Replacement Work.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	04/02/2020	10.32	04/02/2020	23.05	PO	For AMP Work.
Dhule Sar'Sarovar II	InterState	04/02/2020	11.44	05/02/2020	06.41	PO	Earth Wire Replacement.
Bhusawal-Aurangabad	IntraState	03/02/2020	20.54	04/02/2020	08.09	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	04/02/2020	09.05	04/02/2020	18.55	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	04/02/2020	19.47	05/02/2020	06.31	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	04/02/2020	05.52	04/02/2020	09.48	PO	Oil Leakage & Washing Of ICT.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
WARDHA WARDHA (PG) (DEOLI)	InterState	04/02/2020	06.58	04/02/2020	08.57	PO	Y WRLDC To Contol OD As Frequency Is Very Low 49.83.
Solapur (Pg) South Solapur li	InterState	04/02/2020	11.00	04/02/2020	17.58	PO	CT & Line Terminal Equipment.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	04/02/2020	07.55	04/02/2020	19.05	PO	Replacement Of Disc Insulator.
Umred-Kanhan 2	IntraState	04/02/2020	10.11	04/02/2020	18.17	PO	Conversion Of Single Ckt To Double.
Colourchem - Temghar	IntraState	04/02/2020	12.04	04/02/2020	18.32	PO	NT Switch Replacement & Relay Testing.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	04/02/2020	08.44	04/02/2020	14.06	PO	Tan Delta Breaker Timing SFRA.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	04/02/2020	09.25	04/02/2020	19.25	PO	C.B Overhauling, Kept On Humming From HV Side.
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	04/02/2020	10.05	04/02/2020	17.31	PO	Diagnostic Testing Work.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage