

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Feb/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.738	3383.989	1) Gujrat	3.700	92.482
2) Hydro	16.898	244.397	2) Madhya Pradesh	13.984	304.386
3) Gas	10.184	203.044	3) Chattisgarh	6.100	109.520
Total MSPGCL	182.820	3831.430	4) Maharashtra	138.543	2973.881
B) 1) APLM	60.341	1720.321	5) Goa (Amona)	-0.528	-11.616
2) JSWEL	20.807	551.248	Total	161.799	3468.653
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.308	514.642
4) RPL(AMT)	5.851	216.138	b) Mumbai Drawl	26.618	587.276
5) WPCL	2.656	71.563	c) MSEDCL Bilateral *	34.564	703.625
6) Other IPP	16.038	385.805	Include PX	8.226	94.518
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.308	514.642
C) 1) TPCL Thermal	15.197	334.977	Include PX	11.688	193.765
2) TPCL Hydro	4.205	97.979	Standby	0.000	0.000
3) TPCL Gas	0.173	2.832	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.723	222.043	1) MSEDCL	439.187	10036.933
D) STATE			2) Mumbai Discoms	56.918	1245.109
1) Thermal	287.351	6886.084	TOTAL STATE	496.105	11282.042
(A1+C1+C4+(B1-B6))					
2) Hydro	21.103	342.376			
(A2+C2)					
3) Gas	10.357	205.876			
(A3+B7+C3)					
4) Wind	8.241	219.675			
6) SOLAR	7.252	159.376			
TOTAL STATE	334.304	7813.387			

* 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	6567	6561	6556	6243
MSPGCL Hydro	1288	1114	248	101
MSPGCL Gas	415	398	423	435
MSPGCL Total Generation	8270	8074	7226	6779
Central Sector Receipt	8750	8333	6326	5660
WIND	162	209	523	434
CPP / IPP Thermal	4576	4535	4464	3826
CPP / IPP Gas	0	0	0	0
SOLAR	983	1053	0	0
Exchange with Mumbai	-1387	-1383	-1282	-761
MSEDCL DEMAND MET	21354	20820	17258	15938
Load Shedding	0	0	0	0
MSEDCL DEMAND	21354	20820	17258	15938
TPCL GENERATION	1081	1021	1012	491
AEML GENERATION	501	501	376	374
MUMBAI DEMAND	2969	2905	2670	1626
STATE DEMAND MET	24322	23726	19928	17564
STATE DEMAND	24322	23726	19928	17564
Frequency (Hz)	50.03	49.96	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.77 Hz at 14.16 Hrs	49.98	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 24/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	10.62	243.24	508	341
Unit 9	11.31	265.76	494	400
Unit 10	11.34	228.39	515	390
Total	33.27	737.39		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.96	127.69	500	365
Unit 5	10.82	124.94	500	350
Total	21.79	252.63		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.05	118.87	135	118
Unit 7	5.69	98.25	249	188
Unit 8	4.73	113.64	230	0
Total	13.46	330.76		
Chandrapur				
Unit 3	4.38	42.22	190	163
Unit 4	4.10	95.06	180	160
Unit 5	0.00	0.00	0	0
Unit 6	10.86	226.06	480	360
Unit 7	10.38	228.16	465	370
Unit 8	10.25	257.11	445	415
Unit 9	10.96	254.10	480	440
Total	50.93	1102.71		
Paras				
Unit 3	5.60	124.74	244	220
Unit 4	6.03	90.64	255	250
Total	11.63	215.38		
Khaparkheda				
Unit 1	4.22	97.48	185	155
Unit 2	4.34	95.72	190	160
Unit 3	4.58	106.78	200	160
Unit 4	4.56	104.12	195	160
Unit 5	2.68	243.64	455	0
Total	20.37	647.74		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.28	72.11	206	154
Unit 5	0.00	0.00	0	0
Total	4.28	97.38		
Uran				
All Units	10.18	203.04	446	398
Total	10.18	203.04		
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)	0.12	5.69	35	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	5.69		
Koyna				
Stage 1-2	6.21	76.10	570	40
Stage 4	6.14	71.24	725	0
Stage 3	2.40	32.14	240	0
Total	14.75	179.48		
Hydro				
KDPH	0.24	8.46	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	10.86	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.10	4.46	63	0
RNGR+BHTSA	0.35	8.20	15	14
BHANDARDRA	0.00	2.44	0	0
ELDARY	0.36	7.07	15	14
SMLHY_PTN	0.62	12.41	26	25
GHATGHAR	0.00	10.93	0	0
Total	2.15	64.92		
Wind				
Total	8.24	219.68	0	0
Total	8.24	219.68		
CPP				
APML(Mus)	60.34	1720.32	0	0
JSWEL(Mus)	20.81	551.25	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.85	216.14	0	0
WPCL(Mus)	2.66	71.56	0	0
Other(Mus)	16.04	385.80	0	0
Total	105.69	2945.08		
SOLAR				
Total	7.25	159.38	0	0
Total	7.25	159.38		
Tata				
Trombay 5	9.96	218.06	485	286
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.17	1.68	77	0
Trombay 7B	0.00	1.16	0	0
Trombay 8	5.23	116.91	242	173
TATA Hydro	4.20	97.98	432	2
Total	19.58	435.79		
AEML				
DTPS U-1&2	10.72	222.04	502	373
Total	10.72	222.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.74	3383.99	MSPGCL Total	182.82	3831.43
			MSPGCL Thml+Gas	165.92	3587.03	Koyna 1,2 & 4 Total	12.35	147.34
			MSPGCL Hydro	16.90	244.40	State Total	334.30	7813.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	6591	101	424	7116	333	4352	0	0	5959	5584	-1042	16343	0	16343	1907	18250	50.03
2	6216	101	433	6750	347	4205	0	0	6045	5636	-910	16028	0	16028	1775	17803	50.04
3	6157	111	445	6713	410	3865	0	0	5763	5748	-820	15916	0	15916	1684	17600	50.03
4	6243	101	435	6779	434	3826	0	0	5713	5660	-761	15938	0	15938	1626	17564	50.00
5	6392	150	433	6975	372	3862	0	0	5636	5978	-765	16422	0	16422	1629	18051	50.01
6	6746	140	436	7322	325	4267	0	0	6046	6444	-841	17517	0	17517	1737	19254	49.97
7	6726	808	437	7971	228	4489	0	3	6731	6795	-717	18769	0	18769	1931	20700	49.94
8	6633	1470	446	8549	203	4487	0	103	6700	6674	-700	19316	0	19316	2105	21421	50.01
9	6655	1463	434	8552	156	4562	0	409	6776	6907	-915	19671	0	19671	2374	22045	49.99
10	6661	1436	428	8525	163	4525	0	668	7254	7173	-1082	19972	0	19972	2661	22633	49.98
11	6643	1196	420	8259	157	4531	0	877	7858	7689	-1211	20302	0	20302	2868	23170	50.00
12	6567	1288	415	8270	162	4576	0	983	8540	8750	-1387	21354	0	21354	2969	24322	50.03
13	6561	1114	398	8074	209	4535	0	1053	8408	8333	-1383	20820	0	20820	2905	23726	49.96
14	6589	1088	399	8076	256	4554	0	997	8089	7982	-1339	20526	0	20526	2785	23312	50.03
15	6638	1214	409	8262	296	4554	0	923	8103	8061	-1355	20740	0	20740	2826	23566	49.90
16	6629	1314	404	8348	285	4516	0	687	7968	7994	-1362	20468	0	20468	2839	23306	49.99
17	6570	1322	413	8306	364	4559	0	409	7297	7233	-1350	19520	0	19520	2824	22344	49.93
18	6584	734	407	7724	467	4561	0	136	6801	6571	-1374	18086	0	18086	2776	20862	49.98
19	6571	222	423	7216	500	4495	0	4	6226	6029	-1288	16956	0	16956	2703	19660	49.94
20	6556	248	423	7226	523	4464	0	0	6189	6326	-1282	17258	0	17258	2670	19928	49.98
21	6420	112	426	6958	431	4453	0	0	6001	6010	-1283	16570	0	16570	2585	19154	49.96
22	6217	488	427	7132	562	4447	0	0	6022	6060	-1357	16844	0	16844	2367	19210	49.95
23	6126	332	429	6888	516	4473	0	0	6289	6204	-1154	16926	0	16926	2206	19132	49.96
24	6047	342	440	6830	542	4535	0	0	6156	5958	-940	16924	0	16924	2164	19088	49.94
MUs	155.74	16.90	10.18	182.82	8.24	105.69	0.00	7.25	162.57	161.80	-26.62	439.19	0.00	439.19	56.92	496.10	49.98

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 24/Feb/2020

Position as on 6.30 Hrs of 25/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	02/02/2020	00.34	24/02/2020	19.56	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020). Unit was taken into service for Gas Turbine Exhaust Temp. calibration and setting	
TPC-G	Trombay 7A	120	24/02/2020	22.25		Continued.	Annual Overhaul.	
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	
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 10.00 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-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Ghatghar Unit-2	125	18/02/2020	00.55		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	Adani U-2	660	22/02/2020	21.42		Continued.	On Bellow Leakage.	
MSPGCL	Uran Unit 8	108	23/02/2020	01.03		Continued.	Gas shortage	
IPP	JSW (J) U4	300	23/02/2020	07.59		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 5	500	24/02/2020	06.28		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Feb/2020

Position as on 6.30 Hrs of 25/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	24/02/2020	22.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 25/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	13/02/2020	12.08	24/02/2020	13.22	T	Distance Protection(Tower Collapsed Loc.No. 297)
Dhule Sar'Sarovar II	InterState	13/02/2020	16.32	24/02/2020	15.00	T	Distance Protection(Tower Collapsed Loc.No. 297)
Dhule Sar'Sarovar I	InterState	24/02/2020	18.28	25/02/2020	05.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/02/2020	17.21	24/02/2020	06.08	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2020	18.20	25/02/2020	07.09	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	23/02/2020	20.52	24/02/2020	02.15	PO	to attend oil leakage HV side of B Ph CT.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	24/02/2020	12.12	24/02/2020	14.52	PO	For replacement of 29 D isolator. 29 D Isolator jumps to CT will be removed for replacement of 29 D Isolator.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule, Under Outage Replacement of Earth Wire,24.02.2020.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati SS.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Talandge(400)- Mudshingi 2 Line	IntraState	24/02/2020	09.02		Continued.	PO	Bus Section 2 & 3 Outage at Construction Work.
Chinchwad-Hinjewadi I	IntraState	24/02/2020	10.08	24/02/2020	18.43	HT	For Control loading On Chinchwad Urse.
V Warora - Waroralytss1	IntraState	24/02/2020	10.08	24/02/2020	12.26	PO	Testing Work & Routine Maintenance Work.
Kadegaon-Miraj	IntraState	24/02/2020	12.12	24/02/2020	16.58	EO	Attending Hot Spot
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	24/02/2020	13.34	24/02/2020	14.24	T	Distance Protection

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