

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Feb/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.131	3228.251	1) Gujrat	2.341	88.782
2) Hydro	9.898	227.499	2) Madhya Pradesh	12.574	290.402
3) Gas	7.719	192.860	3) Chattisgarh	4.170	103.420
Total MSPGCL	175.748	3648.610	4) Maharashtra	136.699	2835.338
B) 1) APML	60.844	1659.980	5) Goa (Amona)	-0.352	-11.088
2) JSWEL	20.094	530.441	Total	155.432	3306.854
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.607	489.334
4) RPL(AMT)	5.889	210.287	b) Mumbai Drawl	20.932	560.658
5) WPCL	2.666	68.907	c) MSEDCL Bilateral *	31.589	669.060
6) Other IPP	16.281	369.767	Include PX	6.092	86.292
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.607	489.334
C) 1) TPCL Thermal	15.038	319.780	Include PX	8.665	182.077
2) TPCL Hydro	1.301	93.774	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.535	211.320	1) MSEDCL	429.894	9597.746
D) STATE			2) Mumbai Discoms	47.806	1188.191
1) Thermal	289.478	6598.733	TOTAL STATE	477.700	10785.937
(A1+C1+C4+(B1-B6))					
2) Hydro	11.199	321.273			
(A2+C2)					
3) Gas	7.719	195.519			
(A3+B7+C3)					
4) Wind	6.628	211.434			
6) SOLAR	7.244	152.124			
TOTAL STATE	322.268	7479.083			

* 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	6456	6441	6674	6489
MSPGCL Hydro	815	797	221	102
MSPGCL Gas	271	278	398	308
MSPGCL Total Generation	7542	7516	7293	6899
Central Sector Receipt	8353	7860	5881	5575
WIND	239	207	231	320
CPP / IPP Thermal	4482	4509	4394	4366
CPP / IPP Gas	0	0	0	0
SOLAR	1017	923	0	0
Exchange with Mumbai	-920	-908	-1095	-824
MSEDCL DEMAND MET	20713	20107	16704	16336
Load Shedding	0	0	0	0
MSEDCL DEMAND	20713	20107	16704	16336
TPCL GENERATION	795	788	717	489
AEML GENERATION	500	500	373	374
MUMBAI DEMAND	2215	2196	2185	1687
STATE DEMAND MET	22928	22303	18889	18023
STATE DEMAND	22928	22303	18889	18023
Frequency (Hz)	50.03	50.03	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18.03 Hrs	49.83 Hz at 02.16 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 23/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	10.98	232.62	479	430
Unit 9	11.30	254.45	506	410
Unit 10	10.45	217.05	505	365
Total	32.74	704.12		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.66	116.72	485	355
Unit 5	10.92	114.11	500	360
Total	21.58	230.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	115.82	242	130
Unit 7	5.50	92.56	245	198
Unit 8	5.65	108.91	247	211
Total	16.42	317.29		
Chandrapur				
Unit 3	4.33	37.84	190	163
Unit 4	4.09	90.96	174	160
Unit 5	0.00	0.00	0	0
Unit 6	3.04	215.20	430	0
Unit 7	10.34	217.78	475	370
Unit 8	10.63	246.86	446	440
Unit 9	10.95	243.15	480	410
Total	43.38	1051.78		
Paras				
Unit 3	5.42	119.15	238	210
Unit 4	6.06	84.61	258	247
Total	11.48	203.76		
Khaparkheda				
Unit 1	4.02	93.26	180	110
Unit 2	4.31	91.37	190	165
Unit 3	4.63	102.21	200	170
Unit 4	4.42	99.56	195	160
Unit 5	10.85	240.96	470	440
Total	28.23	627.37		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.32	67.83	200	160
Unit 5	0.00	0.00	0	0
Total	4.32	93.10		
Uran				
All Units	7.72	192.86	440	265
Total	7.72	192.86		
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)	0.00	5.57	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	5.57		
Koyna				
Stage 1-2	3.90	69.88	470	40
Stage 4	2.46	65.10	480	0
Stage 3	1.59	29.74	160	0
Total	7.96	164.72		
Hydro				
KDPH	0.00	8.22	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	10.38	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.10	4.36	70	0
RNGR+BHTSA	0.35	7.85	15	14
BHANDARDRA	0.00	2.44	0	0
ELDARY	0.36	6.72	15	14
SMLHY_PTN	0.65	11.80	27	27
GHATGHAR	0.00	10.93	0	0
Total	1.94	62.78		
Wind				
Total	6.63	211.43	0	0
Total	6.63	211.43		
CPP				
APML(Mus)	60.84	1659.98	0	0
JSWEL(Mus)	20.09	530.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.89	210.29	0	0
WPCL(Mus)	2.67	68.91	0	0
Other(Mus)	16.28	369.77	0	0
Total	105.77	2839.38		
SOLAR				
Total	7.24	152.12	0	0
Total	7.24	152.12		
Tata				
Trombay 5	9.91	208.10	483	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	5.12	111.68	243	172
TATA Hydro	1.30	93.77	228	2
Total	16.34	416.21		
AEML				
DTPS U-1&2	10.54	211.32	502	373
Total	10.54	211.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.13	3228.25	MSPGCL Total	175.75	3648.61
			MSPGCL Thml+Gas	165.85	3421.11	Koyna 1,2 & 4 Total	6.37	134.99
			MSPGCL Hydro	9.90	227.50	State Total	322.27	7479.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	6565	297	356	7218	188	4436	0	0	5919	6273	-882	17233	0	17233	1982	19215	49.98
2	6553	127	289	6969	196	4473	0	0	5917	5665	-788	16515	0	16515	1845	18360	49.96
3	6510	112	294	6916	331	4462	0	0	5772	5593	-879	16423	0	16423	1745	18168	49.96
4	6489	102	308	6899	320	4366	0	0	5757	5575	-824	16336	0	16336	1687	18023	49.94
5	6576	187	297	7060	331	4360	0	0	5870	5808	-794	16765	0	16765	1669	18434	49.99
6	6618	258	299	7175	456	4424	0	0	6177	6009	-560	17504	0	17504	1740	19244	50.02
7	6683	600	299	7582	440	4417	0	1	6452	6487	-541	18386	0	18386	1785	20171	50.02
8	6731	871	299	7901	466	4427	0	111	6540	6531	-515	18921	0	18921	1815	20736	49.95
9	6728	967	306	8001	341	4439	0	376	6498	6364	-581	18940	0	18940	1911	20851	50.00
10	6671	927	279	7877	344	4443	0	666	6805	6777	-722	19385	0	19385	2041	21426	50.01
11	6561	848	285	7694	321	4455	0	845	7466	7413	-855	19873	0	19873	2150	22023	50.04
12	6456	815	271	7542	239	4482	0	1017	8210	8353	-920	20713	0	20713	2215	22928	50.03
13	6441	797	278	7516	207	4509	0	923	7921	7860	-908	20107	0	20107	2196	22303	50.03
14	6464	569	265	7298	179	4521	0	1091	7794	7978	-912	20155	0	20155	2144	22299	50.03
15	6472	535	276	7283	182	4505	0	891	7848	7761	-866	19756	0	19756	2104	21860	50.01
16	6602	392	267	7261	199	4528	0	731	7569	7553	-815	19457	0	19457	2073	21530	49.97
17	6783	498	301	7582	174	4560	0	442	6662	6585	-787	18556	0	18556	2044	20600	50.06
18	6867	116	297	7280	169	4479	0	145	6181	5933	-964	17042	0	17042	2022	19064	49.99
19	6568	116	338	7022	185	4323	0	5	5685	5747	-1052	16230	0	16230	2068	18298	50.01
20	6674	221	398	7293	231	4394	0	0	5780	5881	-1095	16704	0	16704	2185	18889	49.95
21	6505	111	433	7049	272	4376	0	0	5682	5493	-1096	16094	0	16094	2161	18255	50.00
22	6527	111	416	7054	279	4165	0	0	5867	5864	-1213	16149	0	16149	2128	18277	50.00
23	6519	131	428	7078	269	4022	0	0	5876	6103	-1212	16260	0	16260	2080	18340	50.06
24	6568	190	440	7198	309	4208	0	0	5900	5826	-1151	16390	0	16390	2016	18406	50.04
MUs	158.13	9.90	7.72	175.75	6.63	105.77	0.00	7.24	156.15	155.43	-20.93	429.89	0.00	429.89	47.81	477.70	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 23/Feb/2020

Position as on 6.30 Hrs of 24/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		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
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	
MSPGCL	Chandrapur Unit 6	500	21/02/2020	19.55	23/02/2020	14.58	Boiler Tube Leakage	
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 5	108	22/02/2020	21.59	23/02/2020	16.33	Running hour equilisation.	
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)
Details of Line outages/Trippings for 23/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	23/02/2020	12.30	23/02/2020	18.12	EO	Replacement of bottom stack of Coupling capacitor in DC Yard due to oil leakage.
Chandrapur - Padghe Hvdc Pole 2	IntraState	23/02/2020	15.01	23/02/2020	20.27	T	500KV HVDC Pole-2 Tripped Due To Base Filter Unbalance.
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		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Dhule Sar'Sarovar II	InterState	13/02/2020	16.32		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Bhusawal-Aurangabad	IntraState	22/02/2020	18.14	23/02/2020	07.23	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	23/02/2020	10.42	23/02/2020	15.50	T	Distance Protection
Bhusawal-Aurangabad	IntraState	23/02/2020	17.21	24/02/2020	06.08	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.
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)
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
Sonkhar - Trombay	IntraState	23/02/2020	07.03	23/02/2020	20.52	PO	OLD CT(800/1) Replacement BY New One 1600/1)Under bus strengthening work by Ramlex under project scheme. replacement of 0.4 zebra jumpers by 0.5 ssr twin jumpers of main bus 1.
Trombay Dharavi 5	IntraState	23/02/2020	08.46	23/02/2020	20.34	PO	Insulator replacement.
Ranjangaon-Lonikand	IntraState	23/02/2020	13.05	23/02/2020	16.53	T	Distance Protection
Kalwa - Colourchem	IntraState	23/02/2020	13.26	23/02/2020	17.05	PO	Bay maintenance & Testing work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	23/02/2020	08.04	23/02/2020	20.32	HT	Bus section 2 Outage

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