

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Feb/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.772	3070.120	1) Gujrat	2.506	86.441
2) Hydro	9.055	217.601	2) Madhya Pradesh	12.118	277.828
3) Gas	9.755	185.141	3) Chattisgarh	3.850	99.250
Total MSPGCL	173.582	3472.862	4) Maharashtra	135.833	2698.639
B) 1) APML	74.114	1599.136	5) Goa (Amona)	-0.418	-10.736
2) JSWEL	21.292	510.347	Total	153.889	3151.422
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.734	468.727
4) RPL(AMT)	5.620	204.398	b) Mumbai Drawl	24.829	539.726
5) WPCL	2.629	66.241	c) MSEDCL Bilateral *	31.094	637.471
6) Other IPP	16.376	353.486	Include PX	4.972	80.201
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.734	468.727
C) 1) TPCL Thermal	15.453	304.742	Include PX	10.821	173.412
2) TPCL Hydro	2.924	92.473	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.270	200.785	1) MSEDCL	435.593	9167.852
D) STATE			2) Mumbai Discoms	53.476	1140.385
1) Thermal	300.526	6309.255	TOTAL STATE	489.069	10308.237
(A1+C1+C4+(B1-B6))					
2) Hydro	11.979	310.074			
(A2+C2)					
3) Gas	9.755	187.800			
(A3+B7+C3)					
4) Wind	5.437	204.806			
6) SOLAR	7.483	144.880			
TOTAL STATE	335.180	7156.815			

* 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	6656	6613	6290	5924
MSPGCL Hydro	459	538	195	129
MSPGCL Gas	411	398	414	434
MSPGCL Total Generation	7526	7549	6899	6487
Central Sector Receipt	8046	7649	5801	5288
WIND	261	236	228	310
CPP / IPP Thermal	5278	5290	5015	4768
CPP / IPP Gas	0	0	0	0
SOLAR	1041	1062	0	0
Exchange with Mumbai	-1181	-1186	-1239	-905
MSEDCL DEMAND MET	20970	20600	16704	15948
Load Shedding	0	0	0	0
MSEDCL DEMAND	20970	20600	16704	15948
TPCL GENERATION	986	946	911	453
AEML GENERATION	499	501	376	372
MUMBAI DEMAND	2666	2633	2526	1730
STATE DEMAND MET	23636	23233	19230	17678
STATE DEMAND	23636	23233	19230	17678
Frequency (Hz)	50.04	50.02	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22.01 Hrs	49.79 Hz at 09.19 Hrs	49.99	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/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	12.00	221.64	580	400
Unit 9	11.85	243.15	570	413
Unit 10	10.97	206.60	500	380
Total	34.82	671.38		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.98	106.07	470	355
Unit 5	10.10	103.19	500	355
Total	20.08	209.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.98	110.56	242	192
Unit 7	5.45	87.05	249	198
Unit 8	5.34	103.26	250	200
Total	15.77	300.87		
Chandrapur				
Unit 3	4.34	33.51	190	163
Unit 4	4.03	86.87	173	160
Unit 5	0.00	0.00	0	0
Unit 6	0.00	212.16	0	0
Unit 7	9.97	207.44	475	350
Unit 8	10.55	236.23	450	393
Unit 9	10.57	232.20	490	380
Total	39.45	1008.40		
Paras				
Unit 3	5.59	113.72	245	197
Unit 4	5.90	78.55	252	203
Total	11.48	192.28		
Khaparkheda				
Unit 1	4.18	89.24	185	150
Unit 2	4.38	87.06	195	175
Unit 3	4.64	97.58	199	180
Unit 4	4.59	95.15	195	170
Unit 5	11.12	230.11	490	440
Total	28.91	599.14		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.26	63.51	202	156
Unit 5	0.00	0.00	0	0
Total	4.26	88.79		
Uran				
All Units	9.76	185.14	446	313
Total	9.76	185.14		
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	3.78	65.98	560	40
Stage 4	1.52	62.64	485	0
Stage 3	1.12	28.15	160	0
Total	6.43	156.76		
Hydro				
KDPH	0.32	8.22	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	9.90	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.12	4.26	80	0
RNGR+BHTSA	0.35	7.50	15	14
BHANDARDRA	0.39	2.44	26	0
ELDARY	0.36	6.36	15	14
SMLHY_PTN	0.61	11.15	26	25
GHATGHAR	0.00	10.93	0	0
Total	2.63	60.84		
Wind				
Total	5.44	204.81	0	0
Total	5.44	204.81		
CPP				
APML(Mus)	74.11	1599.14	0	0
JSWEL(Mus)	21.29	510.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.62	204.40	0	0
WPCL(Mus)	2.63	66.24	0	0
Other(Mus)	16.38	353.49	0	0
Total	120.03	2733.61		
SOLAR				
Total	7.48	144.88	0	0
Total	7.48	144.88		
Tata				
Trombay 5	10.07	198.18	483	274
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	5.38	106.56	243	173
TATA Hydro	2.92	92.47	264	2
Total	18.38	399.87		
AEML				
DTPS U-1&2	10.27	200.78	502	372
Total	10.27	200.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.77	3070.12	MSPGCL Total	173.58	3472.86
			MSPGCL Thml+Gas	164.53	3255.26	Koyna 1,2 & 4 Total	5.30	128.62
			MSPGCL Hydro	9.06	217.60	State Total	335.18	7156.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5964	289	422	6675	293	4949	0	0	5689	5880	-1125	16672	0	16672	1959	18631	49.98
2	5918	134	444	6496	313	4966	0	0	5819	5495	-998	16272	0	16272	1825	18097	50.01
3	5924	129	434	6487	310	4768	0	0	5733	5288	-905	15948	0	15948	1730	17678	50.00
4	5976	144	444	6564	304	4575	0	0	5683	5523	-848	16118	0	16118	1670	17788	50.00
5	6004	148	436	6588	274	4624	0	0	5754	5906	-830	16562	0	16562	1657	18219	49.98
6	6395	416	446	7257	280	4992	0	0	5880	6038	-895	17672	0	17672	1737	19409	49.97
7	6665	938	428	8031	171	5125	0	33	6203	6110	-611	18859	0	18859	1845	20704	49.99
8	6690	1248	433	8371	170	5177	0	220	6057	6341	-574	19705	0	19705	1944	21649	50.03
9	6756	1104	437	8297	236	5212	0	537	6340	6292	-809	19765	0	19765	2131	21896	49.98
10	6820	708	415	7943	242	5099	0	812	6890	6821	-964	19953	0	19953	2369	22322	49.94
11	6798	378	406	7582	239	5251	0	957	7371	7386	-1125	20290	0	20290	2581	22871	50.04
12	6656	459	411	7526	261	5278	0	1041	8040	8046	-1181	20970	0	20970	2666	23636	50.04
13	6613	538	398	7549	236	5290	0	1062	7718	7649	-1186	20600	0	20600	2633	23233	50.02
14	6631	335	385	7351	223	5291	0	1009	7749	7536	-1246	20164	0	20164	2516	22680	50.03
15	6754	217	395	7366	217	5264	0	800	7723	7661	-1359	19948	0	19948	2538	22486	49.96
16	6773	356	394	7523	161	5296	0	591	7446	7405	-1133	19843	0	19843	2570	22413	49.99
17	6813	337	395	7545	171	5250	0	336	6868	6808	-1092	19018	0	19018	2541	21559	49.94
18	6684	133	397	7214	196	5138	0	85	6362	6270	-1136	17768	0	17768	2509	20276	50.00
19	6371	120	414	6905	248	5056	0	0	5819	5694	-1195	16708	0	16708	2495	19203	49.96
20	6290	195	414	6899	228	5015	0	0	5923	5801	-1239	16704	0	16704	2526	19230	49.98
21	6262	108	405	6775	206	4894	0	0	5776	5647	-1175	16347	0	16347	2436	18783	50.03
22	6276	113	376	6765	188	4652	0	0	5802	5941	-1112	16434	0	16434	2303	18737	50.02
23	6276	209	313	6798	135	4441	0	0	6053	6344	-1083	16635	0	16635	2187	18822	49.98
24	6463	299	313	7075	135	4428	0	0	6039	6007	-1008	16637	0	16637	2108	18745	49.98
MUs	154.77	9.06	9.76	173.58	5.44	120.03	0.00	7.48	154.74	153.89	-24.83	435.59	0.00	435.59	53.48	489.07	49.99

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/2020

Position as on 6.30 Hrs of 23/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	Uran Unit 8	108	16/02/2020	22:52	22/02/2020	22.30	Gas shortage	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 22/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 23/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/Tripping							
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/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	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)
Chandrapur Bhadravati II	InterState	18/02/2020	11.59	22/02/2020	01.20	PO	Y and B phase CT Replacement work
Bhusawal-Aurangabad	IntraState	21/02/2020	17.36	22/02/2020	09.17	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	22/02/2020	09.28	22/02/2020	16.11	PO	PID Testing work for line Insulator strings at various locations. Auto-Reclose function to be out of service.
Akola II - Akola I Ckt-II	IntraState	22/02/2020	15.22	22/02/2020	15.52	EO	Isolator checking work bay no.417
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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		Continued.	PO	to attend oil leakage HV side of B Ph CT.
220 KV LINE Outages/Tripping							
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
Maisal-Jath I	IntraState	22/02/2020	09.03	22/02/2020	17.12	PO	Cold washing of insulators.
Mumewadi -Halkarni ckt-II	IntraState	22/02/2020	09.12	22/02/2020	13.38	EO	For replacement of old suspension insulator.
Satana-Gangapur	IntraState	22/02/2020	10.02	22/02/2020	19.08	PO	Attending loose jumpers nut bolt & red hot.
Chinchwad-Hinjewadi I	IntraState	22/02/2020	10.18	22/02/2020	18.10	PO	Diagnostic testing work.
Arey - TPC Borivali	IntraState	22/02/2020	10.23	22/02/2020	19.02	PO	Installation of handrails on Monopole VAB 76A.
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

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/2020

Statement-VII

Position as on 6.30 Hrs of 23/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 ICT I @Pal-Dombivali	IntraState	22/02/2020	10.29	22/02/2020	13.01	PO	145 KV C.B. CRM testing work at Pal s/stn.
220/100 KV 200MVA ICT II @ Pal	IntraState	22/02/2020	15.03	22/02/2020	16.45	PO	145 KV C.B. CRM testing work at Pal s/stn.
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