

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Feb/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.239	3832.089	1) Gujrat	5.544	108.408
2) Hydro	5.295	269.787	2) Madhya Pradesh	11.242	342.530
3) Gas	10.085	233.294	3) Chattisgarh	4.900	125.660
Total MSPGCL	172.619	4335.170	4) Maharashtra	120.292	3359.005
B) 1) APLM	73.037	1925.813	5) Goa (Amona)	-0.572	-13.420
2) JSWEL	22.996	618.522	Total	141.406	3922.183
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.180	587.760
4) RPL(AMT)	10.817	242.694	b) Mumbai Drawl	25.064	664.313
5) WPCL	2.600	79.409	c) MSEDCL Bilateral *	28.594	797.330
6) Other IPP	16.275	434.604	Include PX	2.390	109.206
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.180	587.760
C) 1) TPCL Thermal	13.611	377.430	Include PX	9.257	224.075
2) TPCL Hydro	4.863	111.514	Standby	0.000	0.000
3) TPCL Gas	4.421	11.355	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.896	252.830	1) MSEDCL	435.512	11343.432
D) STATE			2) Mumbai Discoms	57.855	1417.444
1) Thermal	306.471	7763.391	TOTAL STATE	493.367	12760.876
(A1+C1+C4+(B1-B6))					
2) Hydro	10.158	381.301			
(A2+C2)					
3) Gas	14.506	244.649			
(A3+B7+C3)					
4) Wind	13.143	266.330			
6) SOLAR	7.683	183.020			
TOTAL STATE	351.961	8838.691			

* 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	6800	6871	6679	5545
MSPGCL Hydro	407	416	388	161
MSPGCL Gas	387	393	431	444
MSPGCL Total Generation	7594	7680	7498	6150
Central Sector Receipt	6974	7144	5480	4899
WIND	552	314	286	939
CPP / IPP Thermal	5737	5711	5345	4512
CPP / IPP Gas	0	0	0	0
SOLAR	1071	1052	0	0
Exchange with Mumbai	-1127	-1112	-1250	-788
MSEDCL DEMAND MET	20801	20789	17359	15712
Load Shedding	0	0	0	0
MSEDCL DEMAND	20801	20789	17359	15712
TPCL GENERATION	1330	1292	1059	629
AEML GENERATION	501	502	374	373
MUMBAI DEMAND	2958	2906	2683	1790
STATE DEMAND MET	23759	23695	20042	17502
STATE DEMAND	23759	23695	20042	17502
Frequency (Hz)	50.04	50.00	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:02 Hrs	49.75 Hz at 14:15 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 27/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	10.48	270.53	540	300
Unit 9	10.21	297.10	490	345
Unit 10	10.06	258.55	520	361
Total	30.75	826.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.59	156.18	470	310
Unit 5	9.46	155.10	445	355
Total	19.05	311.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.37	134.58	250	190
Unit 7	5.35	114.52	248	198
Unit 8	4.28	118.20	247	0
Total	14.99	367.30		
Chandrapur				
Unit 3	4.23	55.22	196	150
Unit 4	3.96	107.21	175	156
Unit 5	0.00	0.00	0	0
Unit 6	10.01	257.54	480	359
Unit 7	10.19	259.40	478	354
Unit 8	11.16	290.27	500	360
Unit 9	11.15	287.98	490	360
Total	50.71	1257.62		
Paras				
Unit 3	4.20	140.54	250	0
Unit 4	5.89	108.63	258	200
Total	10.10	249.16		
Khaparkheda				
Unit 1	4.12	109.75	185	160
Unit 2	4.28	108.52	190	160
Unit 3	4.57	120.71	200	158
Unit 4	4.43	117.78	195	160
Unit 5	10.15	253.96	475	145
Total	27.55	710.73		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.09	84.54	200	159
Unit 5	0.00	0.00	0	0
Total	4.09	109.82		
Uran				
All Units	10.08	233.29	449	387
Total	10.08	233.29		
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)	0.07	5.94	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	5.94		
Koyna				
Stage 1-2	2.38	86.30	255	40
Stage 4	0.21	76.01	210	0
Stage 3	0.25	35.18	80	0
Total	2.84	197.48		
Hydro				
KDPH	0.89	10.25	37	36
VTRNA	0.00	0.00	0	0
TILLARI	0.48	12.36	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.28	5.08	80	0
RNGR+BHTSA	0.31	9.17	13	12
BHANDARDRA	0.00	2.44	0	0
ELDARY	0.00	7.77	0	0
SMLHY_PTN	0.49	14.03	21	20
GHATGHAR	0.00	11.12	0	0
Total	2.45	72.31		
Wind				
Total	13.14	266.33	0	0
Total	13.14	266.33		
CPP				
APML(Mus)	73.04	1925.81	0	0
JSWEL(Mus)	23.00	618.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.82	242.69	0	0
WPCL(Mus)	2.60	79.41	0	0
Other(Mus)	16.28	434.60	0	0
Total	125.72	3301.04		
SOLAR				
Total	7.68	183.02	0	0
Total	7.68	183.02		
Tata				
Trombay 5	8.83	245.78	484	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	7.45	118	110
Trombay 7B	1.62	3.91	69	65
Trombay 8	4.78	131.65	241	173
TATA Hydro	4.86	111.51	428	0
Total	22.90	500.30		
AEML				
DTPS U-1&2	9.90	252.83	502	372
Total	9.90	252.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.24	3832.09	MSPGCL Total	172.62	4335.17
			MSPGCL Thml+Gas	167.32	4065.38	Koyna 1,2 & 4 Total	2.60	162.30
			MSPGCL Hydro	5.30	269.79	State Total	351.96	8838.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5804	226	433	6463	720	4995	0	0	5485	5161	-1015	16324	0	16324	2061	18385	49.98
2	5682	211	433	6326	846	4636	0	0	5376	5143	-880	16071	0	16071	1898	17969	49.98
3	5545	161	444	6150	939	4512	0	0	5136	4899	-788	15712	0	15712	1790	17502	50.01
4	5611	121	436	6168	1063	4447	0	0	5049	4864	-717	15825	0	15825	1718	17543	50.01
5	5628	116	448	6192	1045	4559	0	0	5165	5233	-709	16320	0	16320	1711	18031	50.02
6	6262	145	436	6843	1009	4826	0	0	5390	5603	-810	17471	0	17471	1816	19287	49.97
7	6949	196	437	7582	1030	5340	0	7	5960	5393	-642	18710	0	18710	1976	20686	49.97
8	7102	226	449	7777	996	5398	0	131	6132	6023	-654	19671	0	19671	2146	21817	50.01
9	6987	234	422	7643	789	5332	0	454	6409	6424	-1035	19607	0	19607	2396	22003	50.00
10	7024	191	419	7634	829	5246	0	701	6746	6785	-1256	19939	0	19939	2680	22619	49.96
11	6847	376	410	7633	780	5644	0	928	6768	6753	-1256	20482	0	20482	2886	23368	50.00
12	6800	407	387	7594	552	5737	0	1071	7192	6974	-1127	20801	0	20801	2958	23759	50.04
13	6871	416	393	7680	314	5711	0	1052	7055	7144	-1112	20789	0	20789	2906	23695	50.00
14	7021	277	393	7691	213	5674	0	1012	7156	6842	-1167	20265	0	20265	2796	23061	50.04
15	7035	175	396	7606	200	5623	0	936	7249	7268	-1303	20330	0	20330	2850	23180	49.96
16	7089	350	398	7837	164	5656	0	724	6841	6751	-1113	20019	0	20019	2879	22898	49.97
17	7113	360	400	7873	139	5606	0	460	6178	6053	-1053	19078	0	19078	2873	21951	49.99
18	6895	120	414	7429	129	5527	0	202	5942	5910	-1248	17949	0	17949	2792	20741	50.03
19	6689	113	407	7209	167	5365	0	5	5641	5562	-1304	17004	0	17004	2718	19722	49.99
20	6679	388	431	7498	286	5345	0	0	5351	5480	-1250	17359	0	17359	2683	20042	50.00
21	6506	134	412	7052	274	5256	0	0	5240	5096	-1203	16475	0	16475	2541	19016	50.02
22	6402	114	428	6944	242	5335	0	0	5423	5085	-1133	16473	0	16473	2377	18850	50.01
23	6387	119	440	6946	211	4952	0	0	5386	5547	-1177	16479	0	16479	2252	18731	50.01
24	6311	119	419	6849	206	5003	0	0	5316	5413	-1112	16359	0	16359	2152	18511	49.99
MUs	157.24	5.29	10.08	172.62	13.14	125.73	0.00	7.68	143.59	141.41	-25.06	435.51	0.00	435.51	57.85	493.37	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 27/Feb/2020

Position as on 6.30 Hrs of 28/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.	
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-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	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
MSPGCL	Uran Unit 8	108	23/02/2020	01.03		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	27/02/2020	01.55	27/02/2020	05.34	Furnace Pressure High	
MSPGCL	Parli Unit 8	250	27/02/2020	10.21	27/02/2020	12.42	Boiler Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 27/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 28/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/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	26/02/2020	18.09	27/02/2020	08.21	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	27/02/2020	08.40	27/02/2020	09.28	PO	Line Maintenance work
Dhule Sar'Sarovar II	InterState	27/02/2020	18.09	28/02/2020	05.57	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/02/2020	18.06	27/02/2020	06.55	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	27/02/2020	11.53	27/02/2020	18.26	PO	Rapid Restoration scheme for Ict Testing
Khadka-Aurangabad (Waluj)	IntraState	27/02/2020	18.14	28/02/2020	06.23	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	28/02/2020	06.01		Continued.	T	Distance Protection
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 Kv 500 Mva Ict 1 @Lamboti	IntraState	27/02/2020	11.35	27/02/2020	16.28	PO	Rapid Restoration scheme for Ict Testing
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	27/02/2020	11.52	27/02/2020	18.41	PO	Dignostic Testing work
400/220 KV 500MVA ICT II @ Nanded	IntraState	27/02/2020	14.15	27/02/2020	15.57	EO	Replace Y-phase unit OSR Relay
220 KV LINE Outages/Tripping							
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-Lonand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Chinchwad-Hinjewadi I	IntraState	27/02/2020	08.47	27/02/2020	10.29	HT	control Line Loading of 220kv Urse-Chinchwad
Mumewadi -Halkarni ckt-II	IntraState	27/02/2020	09.30	27/02/2020	17.39	PO	Replacement work
Theur- Magar Patta City	IntraState	27/02/2020	10.00	27/02/2020	15.33	PO	Replacement work
Satana-Gangapur	IntraState	27/02/2020	10.14	27/02/2020	19.34	PO	Replacement work
Jejuri- Ismt- Lonand	IntraState	27/02/2020	16.35	27/02/2020	19.35	PO	Tan Delta Measurment of CTs
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	28/02/2020	04.55		Continued.	T	Distance Protection
220 KV ICT Outages/Tripping							
220/22 Kv 50 Mva Bhel Ptr 2 @Nalasopara	IntraState	27/02/2020	00.01	27/02/2020	05.15	EO	Maintenance work
220/132 Kv 100 Mva Ict 2 @Hinganghat	IntraState	27/02/2020	05.06	27/02/2020	06.06	T	Tripped on overcurrent earth
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	27/02/2020	09.37	27/02/2020	18.06	PO	Outage for Tan Delta Testing of ICT
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	27/02/2020	12.10	27/02/2020	12.30	PO	Nut Bolt Tightening Work
220/33KV 100MVA ICT II @ chakan	IntraState	27/02/2020	14.05	27/02/2020	17.35	PO	Dignostic Testing Work

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