

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Feb/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.856	4065.916	1) Gujrat	3.422	24.372
2) Hydro	22.215	313.237	2) Madhya Pradesh	13.109	201.272
3) Gas	6.618	178.303	3) Chattisgarh	5.320	138.180
Total MSPGCL	165.689	4557.456	4) Maharashtra	123.337	3452.829
B) 1) APML	74.580	1633.790	5) Goa (Amona)	-1.619	-30.282
2) JSWEL	12.374	316.546	Total	143.569	3786.371
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.769	577.338
4) RPL(AMT)	31.381	729.668	b) Mumbai Drawl	24.387	621.134
5) WPCL	9.051	195.564	c) MSEDCL Bilateral *	29.390	701.320
6) Other IPP	18.463	475.970	Include PX	-1.530	-76.611
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.769	573.291
C) 1) TPCL Thermal	5.250	193.846	Include PX	13.904	203.409
2) TPCL Hydro	6.850	137.171	Standby	0.000	4.047
3) TPCL Gas	4.387	106.195	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.544	278.481	1) MSEDCL	451.381	11565.901
D) STATE			2) Mumbai Discoms	52.418	1336.828
1) Thermal	299.499	7889.781	TOTAL STATE	503.799	12902.729
(A1+C1+C4+(B1-B6))					
2) Hydro	29.065	450.408			
(A2+C2)					
3) Gas	11.005	284.498			
(A3+B7+C3)					
4) Wind	12.054	283.020			
6) SOLAR	8.607	208.650			
TOTAL STATE	360.230	9116.357			

* 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	5612	5679	5859	5503
MSPGCL Hydro	2011	1584	1232	150
MSPGCL Gas	266	255	269	293
MSPGCL Total Generation	7889	7518	7360	5946
Central Sector Receipt	6938	6821	5333	5556
WIND	387	269	444	964
CPP / IPP Thermal	6234	6214	6132	5470
CPP / IPP Gas	0	0	0	0
SOLAR	1166	1151	0	0
Exchange with Mumbai	-1232	-1194	-1109	-980
MSEDCL DEMAND MET	21382	20779	18160	16956
Load Shedding	0	0	0	0
MSEDCL DEMAND	21382	20779	18160	16956
TPCL GENERATION	835	849	858	321
AEML GENERATION	500	501	500	392
MUMBAI DEMAND	2567	2544	2467	1693
STATE DEMAND MET	23949	23323	20627	18649
STATE DEMAND	23949	23323	20627	18649
Frequency (Hz)	49.99	49.96	49.98	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06:04 Hrs	49.79 Hz at 16:55 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 27/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	10.92	320.64	521	361
Unit 9	11.96	297.08	535	440
Unit 10	12.84	246.12	560	450
Total	35.72	875.64		
Bhusawal				
Unit 3	4.04	42.08	185	125
Unit 4	10.60	288.21	470	420
Unit 5	11.30	285.46	495	455
Total	25.94	615.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.69	82.58	250	0
Unit 7	0.00	82.54	0	0
Unit 8	0.00	87.53	0	0
Total	1.69	252.64		
Chandrapur				
Unit 3	2.91	89.53	140	115
Unit 4	3.30	90.02	145	131
Unit 5	9.97	176.28	425	380
Unit 6	9.92	255.27	430	332
Unit 7	0.00	176.21	0	0
Unit 8	11.96	297.90	500	495
Unit 9	11.67	297.61	496	475
Total	49.73	1382.82		
Paras				
Unit 3	3.36	125.64	191	125
Unit 4	0.00	108.42	0	0
Total	3.36	234.06		
Khaparkheda				
Unit 1	3.27	88.10	150	105
Unit 2	3.89	97.25	170	140
Unit 3	4.71	117.09	205	180
Unit 4	4.48	110.59	200	155
Unit 5	0.00	198.92	0	0
Total	16.35	611.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.07	93.06	204	124
Unit 5	0.00	0.00	0	0
Total	4.07	93.06		
Uran				
All Units	6.62	178.30	294	255
Total	6.62	178.30		
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)	0.17	5.12	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	5.12		
Koyna				
Stage 1-2	4.92	88.33	535	40
Stage 4	9.41	89.63	995	0
Stage 3	3.15	38.94	240	0
Total	17.48	216.90		
Hydro				
KDPH	0.89	15.94	37	37
VTRNA	0.00	10.60	0	0
TILLARI	0.52	2.56	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	7.81	80	0
RNGR+BHTSA	0.36	9.22	15	14
BHANDARDRA	0.46	5.13	30	14
ELDARY	0.36	1.65	15	15
SMLHY_PTN	0.46	12.18	20	19
GHATGHAR	1.31	31.24	250	0
Total	4.74	96.33		
Wind				
Total	12.05	283.02	0	0
Total	12.05	283.02		
CPP				
APML(Mus)	74.58	1633.79	0	0
JSWEL(Mus)	12.37	316.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	31.38	729.67	0	0
WPCL(Mus)	9.05	195.56	0	0
Other(Mus)	18.46	475.97	0	0
Total	145.85	3351.54		
SOLAR				
Total	8.61	208.65	0	0
Total	8.61	208.65		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	66.82	117	116
Trombay 7B	1.59	39.38	67	65
Trombay 8	5.25	131.65	242	137
TATA Hydro	6.85	137.17	434	6
Total	16.49	437.21		
AEML				
DTPS U-1&2	11.54	278.48	501	392
Total	11.54	278.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.86	4065.92	MSPGCL Total	165.69	4557.46
			MSPGCL Thml+Gas	143.47	4244.22	Koyna 1,2 & 4 Total	14.33	177.96
			MSPGCL Hydro	22.22	313.24	State Total	360.23	9116.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Feb/2021

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	5662	141	293	6096	872	5956	0	0	5731	5464	-983	17405	0	17405	2005	19410	50.00
2	5659	146	282	6087	883	5975	0	0	5630	5318	-994	17269	0	17269	1867	19136	50.01
3	5596	140	273	6009	936	5775	0	0	5612	5334	-1051	17003	0	17003	1771	18774	50.01
4	5503	150	293	5946	964	5470	0	0	5612	5556	-980	16956	0	16956	1693	18649	50.04
5	5500	285	284	6069	911	5611	0	0	5711	5781	-968	17404	0	17404	1683	19087	50.01
6	5582	275	293	6150	872	6038	0	0	5836	5790	-890	17960	0	17960	1743	19703	50.02
7	5670	1378	294	7342	726	6166	0	2	5663	5670	-648	19258	0	19258	1817	21075	50.01
8	5625	1942	284	7851	593	6227	0	144	5795	5783	-724	19874	0	19874	1897	21771	50.01
9	5653	1624	293	7570	476	6212	0	492	6186	6130	-834	20046	0	20046	2071	22117	49.98
10	5607	1594	280	7481	427	6230	0	806	6620	6480	-988	20436	0	20436	2309	22745	50.00
11	5623	1566	268	7457	431	6217	0	1064	6880	6976	-1184	20961	0	20961	2508	23469	49.99
12	5612	2011	266	7889	387	6234	0	1166	6908	6938	-1232	21382	0	21382	2567	23949	49.99
13	5679	1584	255	7518	269	6214	0	1151	6861	6821	-1194	20779	0	20779	2544	23323	49.96
14	5752	1083	265	7100	159	6163	0	1173	7030	6852	-1082	20365	0	20365	2440	22805	49.98
15	5699	1065	265	7029	145	6077	0	1045	7041	7002	-1096	20202	0	20202	2453	22655	49.98
16	5649	1580	266	7495	121	6118	0	840	6673	6789	-1110	20253	0	20253	2464	22717	49.97
17	5694	1674	257	7625	191	6152	0	522	6377	5906	-1081	19315	0	19315	2426	21741	49.93
18	5702	1143	268	7113	268	6178	0	195	6002	5862	-1032	18584	0	18584	2386	20970	50.00
19	5785	561	278	6624	416	6161	0	7	5574	5308	-1043	17473	0	17473	2400	19873	49.97
20	5859	1232	269	7360	444	6132	0	0	5393	5333	-1109	18160	0	18160	2467	20627	49.98
21	5938	301	280	6519	421	6193	0	0	5401	5437	-1048	17522	0	17522	2397	19919	50.04
22	5960	240	270	6470	399	6167	0	0	5315	5407	-961	17482	0	17482	2282	19764	50.01
23	5895	335	281	6511	408	6093	0	0	5632	5746	-1035	17723	0	17723	2151	19874	49.93
24	5952	165	261	6378	335	6090	0	0	6078	5886	-1120	17569	0	17569	2077	19646	49.88
MUs	136.86	22.22	6.62	165.69	12.05	145.85	0.00	8.61	145.56	143.57	-24.39	451.38	0.00	451.38	52.42	503.80	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 27/Feb/2021

Position as on 6.30 Hrs of 28/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10		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	
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	Nasik Unit 5	210	12/12/2019	10.25		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020).	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Parli Unit 6	250	16/02/2021	00.00	27/02/2021	07.15	Zero schedule.	
MSPGCL	Parli Unit 7	250	16/02/2021	10.15	28/02/2021	02.07	Zero schedule	
MSPGCL	Parli Unit 8	250	17/02/2021	00.00	28/02/2021	10.38	Zero schedule	
IPP	JSW (J) U3	300	20/02/2021	11.09		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Paras Unit 4	250	25/02/2021	09.08		Continued.	CHP problem.	
MSPGCL	Khaparkheda Unit 5	500	26/02/2021	09.15		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	27/02/2021	07.18	27/02/2021	12.33	Electrical Protection.	
MSPGCL	Uran Unit 6	108	28/02/2021	00.06	28/02/2021	20.15	Filter Replacement work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	26/02/2021	10.15		Continued.	PO	(MSRDC-Highway Authority) modification of line, Nagpur-Mumbai express highway work.
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	26/02/2021	20.22	27/02/2021	07.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	27/02/2021	19.48	28/02/2021	10.28	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	28/02/2021	18.11		Continued.	HT	Over Voltage
Girwali - Lonikand 1	IntraState	28/02/2021	10.54	28/02/2021	19.19	PO	Line Maintenance work
Babhaleshwar - Padghe-I	IntraState	28/02/2021	12.43	28/02/2021	21.15	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	28/02/2021	18.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	26/02/2021	11.12	27/02/2021	19.57	PO	R-phase bushing replacement work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
EKLAHARE (OCR) Nasik Navsari II	InterState	27/02/2021	09.29	27/02/2021	18.11	PO	Damage Conductor Repair Work & Isolator Alignment Work.
Chikhli-Jalna-I	IntraState	25/02/2021	09.14		Continued.	HT	To Control 400kv Akola ICT Loading.
Chikhli-Jalna-II	IntraState	25/02/2021	09.16		Continued.	HT	To Control 400kv Akola ICT Loading.
Valve-Jamde	IntraState	25/02/2021	14.34		Continued.	PO	Rectification of tilted Tower at loc 11-13.
Chikhli-Jalna-II	IntraState	26/02/2021	15.12	27/02/2021	00.27	T	Distance Protection
Ongc Uran - Jnpt	IntraState	27/02/2021	10.00	27/02/2021	13.25	PO	Ground Improvement Work With Heighted Machine At Loc No.25&26 For DECCIL Work.
Lonand-Bothe	IntraState	27/02/2021	11.25	27/02/2021	15.41	PO	Capatiance And Tan Delta Testing Work Of Cts & Maintenance Work.
Kharghar-Borivali ckt I	IntraState	28/02/2021	07.00	28/02/2021	09.30	PO	Testing Work
Kalwa - Siemens	IntraState	28/02/2021	07.40	28/02/2021	10.50	PO	Attending Hot Spot
Trombay Carnac 5	IntraState	28/02/2021	09.51	28/02/2021	13.49	PO	Gaurd wire replacement
Kalwa - Mulund 2	IntraState	28/02/2021	12.06	28/02/2021	13.26	T	Distance Protection
Trombay - Mulund	IntraState	28/02/2021	12.57		Continued.	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	28/02/2021	13.22	28/02/2021	16.02	T	Distance Protection
Mumewadi -Halkarni ckt-I	IntraState	28/02/2021	17.31	28/02/2021	20.23	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	28/02/2021	22.20		Continued.	T	Due to Bursting of B-ph Bus PT-I
220 KV ICT Outages/Trippings							
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	24/02/2021	10.30		Continued.	PO	Overhauling and servicing of ICT OLTC and Routine Maintenance Work
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	25/02/2021	09.06	28/02/2021	13.47	PO	LVCB mechanism & pole overhauling work.
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	27/02/2021	07.15	27/02/2021	13.25	PO	Bay Maintenance Work & CTR Installation Work.
220/100 Kv 200 Mva Vijai Ict 3	IntraState	27/02/2021	09.19	27/02/2021	19.11	PO	Attending Oil Leakage

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 27/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Trombay							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	27/02/2021	10.33	27/02/2021	19.20	EO	Attending Oil Leakage
220/132 Kv 100 Mva Vijai Ict 2 @Gadchiroli	IntraState	27/02/2021	16.50	27/02/2021	19.15	HT	OIL LEAKAGE IN TOP PLATE.
220/33kV 100 MVATransformer 2 @Versova R/S	IntraState	28/02/2021	07.21	28/02/2021	15.22	PO	Charging of Board 9 section 2 under 33kv AIS To GIS conversion scheme