

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Feb/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.446	4127.041	1) Gujrat	5.046	118.067
2) Hydro	14.773	294.112	2) Madhya Pradesh	14.726	368.255
3) Gas	10.132	253.590	3) Chattisgarh	4.220	133.920
Total MSPGCL	165.351	4674.743	4) Maharashtra	125.659	3607.862
B) 1) APML	74.319	2074.355	5) Goa (Amona)	-0.638	-14.542
2) JSWEL	18.169	657.972	Total	149.013	4213.562
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.589	634.130
4) RPL(AMT)	11.180	264.890	b) Mumbai Drawl	22.796	711.918
5) WPCL	2.594	84.601	c) MSEDCL Bilateral *	26.640	850.244
6) Other IPP	15.586	466.034	Include PX	3.596	112.877
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.589	634.130
C) 1) TPCL Thermal	14.479	405.903	Include PX	8.496	242.217
2) TPCL Hydro	3.556	119.281	Standby	0.000	0.000
3) TPCL Gas	4.456	20.221	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.610	273.819	1) MSEDCL	428.940	12207.379
D) STATE			2) Mumbai Discoms	55.897	1531.144
1) Thermal	287.383	8354.615	TOTAL STATE	484.837	13738.523
(A1+C1+C4+(B1-B6))					
2) Hydro	18.329	413.393			
(A2+C2)					
3) Gas	14.588	273.811			
(A3+B7+C3)					
4) Wind	8.987	286.273			
6) SOLAR	6.537	196.867			
TOTAL STATE	335.824	9524.959			

* 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	6060	5971	5944	5688
MSPGCL Hydro	785	793	521	100
MSPGCL Gas	401	396	410	434
MSPGCL Total Generation	7246	7160	6875	6222
Central Sector Receipt	7401	7411	5915	5207
WIND	534	385	446	171
CPP / IPP Thermal	5311	5244	5039	4890
CPP / IPP Gas	0	0	0	0
SOLAR	932	917	0	0
Exchange with Mumbai	-1115	-1094	-1282	-773
MSEDCL DEMAND MET	20309	20023	16993	15717
Load Shedding	0	0	0	0
MSEDCL DEMAND	20309	20023	16993	15717
TPCL GENERATION	1217	1193	930	658
AEML GENERATION	501	502	373	373
MUMBAI DEMAND	2833	2789	2585	1804
STATE DEMAND MET	23142	22812	19578	17521
STATE DEMAND	23142	22812	19578	17521
Frequency (Hz)	50.01	50.00	50.01	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.01 Hrs	49.75 Hz at 14.13 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 29/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	6.75	288.04	440	153
Unit 9	8.45	314.75	449	280
Unit 10	8.05	276.47	405	250
Total	23.25	879.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.80	175.73	455	355
Unit 5	10.28	174.78	500	355
Total	20.08	350.51		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.36	145.15	246	200
Unit 7	5.43	125.31	248	204
Unit 8	5.06	128.61	222	200
Total	15.85	399.07		
Chandrapur				
Unit 3	4.27	63.72	185	163
Unit 4	3.99	114.95	171	155
Unit 5	0.00	0.00	0	0
Unit 6	8.11	275.77	470	0
Unit 7	0.00	264.80	0	0
Unit 8	10.70	311.49	490	361
Unit 9	10.36	308.94	475	362
Total	37.43	1339.68		
Paras				
Unit 3	5.92	152.32	250	209
Unit 4	6.08	120.63	257	252
Total	12.00	272.95		
Khaparkheda				
Unit 1	4.03	117.96	180	160
Unit 2	4.07	116.98	190	140
Unit 3	4.55	129.88	200	158
Unit 4	4.34	126.60	195	165
Unit 5	10.51	275.75	485	360
Total	27.50	767.17		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.34	93.13	205	160
Unit 5	0.00	0.00	0	0
Total	4.34	118.41		
Uran				
All Units	10.13	253.59	451	396
Total	10.13	253.59		
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)	0.11	6.09	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	6.09		
Koyna				
Stage 1-2	4.66	94.13	560	40
Stage 4	5.87	84.19	815	0
Stage 3	2.31	39.13	240	0
Total	12.84	217.44		
Hydro				
KDPH	0.44	11.42	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	13.32	60	0
BHTGR/VEER	0.02	0.13	1	0
BHIRA T.R.	0.21	5.51	77	0
RNGR+BHTSA	0.32	9.69	14	13
BHANDARDRA	0.00	2.44	0	0
ELDARY	0.00	7.77	0	0
SMLHY_PTN	0.14	14.64	6	5
GHATGHAR	0.38	11.75	125	0
Total	1.93	76.67		
Wind				
Total	8.99	286.27	0	0
Total	8.99	286.27		
CPP				
APML(Mus)	74.32	2074.36	0	0
JSWEL(Mus)	18.17	657.97	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	11.18	264.89	0	0
WPCL(Mus)	2.59	84.60	0	0
Other(Mus)	15.59	466.03	0	0
Total	121.85	3547.85		
SOLAR				
Total	6.54	196.87	0	0
Total	6.54	196.87		
Tata				
Trombay 5	9.42	264.30	483	273
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	13.06	119	112
Trombay 7B	1.63	7.16	69	66
Trombay 8	5.06	141.60	243	173
TATA Hydro	3.56	119.28	316	2
Total	22.49	545.40		
AEML				
DTPS U-1&2	10.61	273.82	502	373
Total	10.61	273.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.45	4127.04	MSPGCL Total	165.35	4674.74
			MSPGCL Thml+Gas	150.58	4380.63	Koyna 1,2 & 4 Total	10.53	178.32
			MSPGCL Hydro	14.77	294.11	State Total	335.82	9524.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	6016	195	433	6644	162	5037	0	0	5455	5621	-1007	16457	0	16457	2058	18515	49.99
2	5957	115	437	6509	173	5028	0	0	5558	5504	-854	16360	0	16360	1903	18263	49.99
3	5688	100	434	6222	171	4890	0	0	5508	5207	-773	15717	0	15717	1804	17521	49.94
4	5488	294	435	6217	188	4761	0	0	5413	5588	-716	16038	0	16038	1734	17772	49.93
5	5523	269	438	6230	299	4942	0	0	5485	5650	-712	16409	0	16409	1717	18126	50.00
6	5491	907	438	6836	343	5179	0	0	5879	5922	-589	17691	0	17691	1828	19519	50.02
7	5515	1321	441	7277	487	5186	0	0	6229	6439	-517	18872	0	18872	1929	20801	50.00
8	5650	1164	451	7265	584	5184	0	110	6708	6569	-622	19090	0	19090	2042	21132	50.02
9	5872	1263	435	7570	553	5164	0	383	6352	6317	-753	19234	0	19234	2245	21479	49.96
10	5944	950	426	7320	571	5135	0	670	6696	6750	-974	19472	0	19472	2525	21997	50.00
11	6043	825	429	7297	611	5390	0	866	6823	6973	-1074	20063	0	20063	2766	22829	50.01
12	6060	785	401	7246	534	5311	0	932	7476	7401	-1115	20309	0	20309	2833	23142	50.01
13	5971	793	396	7160	385	5244	0	917	7517	7411	-1094	20023	0	20023	2789	22812	50.00
14	5944	808	397	7149	321	5252	0	916	7410	7285	-984	19939	0	19939	2653	22592	49.98
15	5978	1027	398	7403	319	5281	0	747	7326	7358	-990	20118	0	20118	2653	22771	49.93
16	6048	1097	409	7554	254	5290	0	567	7118	7094	-980	19778	0	19778	2661	22440	49.98
17	6137	872	411	7420	237	5287	0	300	6542	6576	-932	18888	0	18888	2617	21505	49.97
18	6096	550	403	7049	281	5236	0	125	6090	6046	-943	17794	0	17794	2589	20383	50.03
19	5937	245	418	6600	343	5025	0	4	5682	5726	-1242	16456	0	16456	2558	19014	50.02
20	5944	521	410	6875	446	5039	0	0	5761	5915	-1282	16993	0	16993	2585	19578	50.01
21	5943	189	424	6556	437	5060	0	0	5532	5349	-1161	16241	0	16241	2515	18756	50.03
22	5843	161	415	6419	468	4781	0	0	5569	5268	-1191	15745	0	15745	2387	18132	50.03
23	5666	166	420	6252	444	4583	0	0	5472	5561	-1185	15655	0	15655	2295	17950	49.96
24	5692	156	433	6281	376	4563	0	0	5434	5484	-1106	15598	0	15598	2211	17809	50.02
MUs	140.45	14.77	10.13	165.35	8.99	121.85	0.00	6.54	149.04	149.01	-22.80	428.94	0.00	428.94	55.90	484.84	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 29/Feb/2020

Position as on 6.30 Hrs of 01/Mar/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	01/03/2020	02.43	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	28/02/2020	13.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	29/02/2020	04.47	29/02/2020	07.26	Low Vacuum	
MSPGCL	Uran Unit 7	108	01/03/2020	05.40	01/03/2020	19.04	Air Filter Replacement.	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 01/Mar/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	28/02/2020	20.11	29/02/2020	06.25	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/02/2020	18.50	01/03/2020	06.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/03/2020	17.51		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	28/02/2020	17.45		Continued.	T	Distance Protection
Babhaleshwar - Padghe-II	IntraState	29/02/2020	09.10	29/02/2020	19.07	PO	Quarterly Maintenance work & Relay Testing.
Jaigad-New Koyna Ckt-II	IntraState	29/02/2020	09.14	29/02/2020	15.26	PO	Hotline insulator washing.
Jaigad-New Koyna Ckt-I	IntraState	29/02/2020	09.14	29/02/2020	15.26	PO	Hotline insulator washing.
Bhusawal-Aurangabad	IntraState	29/02/2020	18.36	01/03/2020	09.45	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	01/03/2020	08.29	01/03/2020	19.27	PO	Line Maintenance work & Routine Diagnostic Testing Work.
Bhusawal-Aurangabad	IntraState	01/03/2020	17.55		Continued.	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	28/02/2020	10.30	29/02/2020	01.54	PO	Attending Oil Leakage
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	01/03/2020	09.17	01/03/2020	17.38	PO	Bay Maintenance & Complete Testing Work.
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
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	28/02/2020	18.26	29/02/2020	02.43	T	Distance Protection
Abhijeet-Wardha-Ii	IntraState	29/02/2020	03.30	29/02/2020	04.57	T	Differential protection
Dhule-Chalisagaon	IntraState	29/02/2020	06.33	29/02/2020	08.18	HT	Control ICT loading.
Mumewadi -Halkarni ckt-II	IntraState	29/02/2020	08.43	29/02/2020	12.29	EO	Replacement of old suspension Clamp.
Butibori-Inox	IntraState	29/02/2020	09.29	29/02/2020	18.57	PO	Yard equipment testing at INOX end.
Lonikand2 - Bhosari1	IntraState	29/02/2020	11.56	29/02/2020	20.33	PO	CT tan delta measurement work,Restranging work between Loc no 22 to 36 for ground clearance,double jumpering & other AMC work.
Dhule - Dondaicha Ckt	IntraState	29/02/2020	14.07	29/02/2020	22.02	T	Distance Protection
Bhokardan-Jafarabad	IntraState	29/02/2020	14.32	29/02/2020	18.10	PO	Routine Maintenance Work
Adlabs - Pedambe	IntraState	01/03/2020	06.15	01/03/2020	18.58	PO	Outage On Main Bus Section-2 @ Pedambe.
Pedambe-Nerle	IntraState	01/03/2020	06.17	01/03/2020	18.48	PO	Outage On Main Bus Section-2 @ Pedambe.
Pophli Pedhmbe Line- 2	IntraState	01/03/2020	06.19	01/03/2020	18.35	PO	Outage On Main Bus Section-2 @

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 29/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedhambe - Oni	IntraState	01/03/2020	06.20	01/03/2020	18.50	PO	Pedambe.
							Outage On Main Bus Section-2 @ Pedambe.
Nerul-Trombay	IntraState	01/03/2020	07.52	01/03/2020	21.50	PO	Bay Strengthening Work By Agency M/s Ramalex As Part of Mumbai Strengthening Phase-2.
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	01/03/2020	09.20	01/03/2020	19.00	PO	Damaged Conductor Repairing Work Between Loc No.180-181.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva T&R Ict-1 @Bambhori	IntraState	29/02/2020	11.25	29/02/2020	12.52	PO	Oil leakages Attending work Daigonistic Testing work.
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	29/02/2020	13.10	29/02/2020	15.14	T	Oil leakage in prv.

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