

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Mar/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.470	3862.134	1) Gujrat	6.649	183.589
2) Hydro	12.231	228.466	2) Madhya Pradesh	11.139	347.026
3) Gas	6.497	178.602	3) Chattisgarh	5.290	143.340
Total MSPGCL	112.198	4269.202	4) Maharashtra	85.670	3066.089
B) 1) APML	37.842	1718.571	5) Goa (Amona)	0.000	-8.470
2) JSWEL	10.162	408.024	Total	108.748	3731.574
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.072	544.440
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	17.221	570.518
5) WPCL	5.548	85.854	c) MSEDCL Bilateral *	32.282	903.668
6) Other IPP	9.467	355.619	Include PX	12.841	150.496
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.072	544.440
C) 1) TPCL Thermal	10.537	332.741	Include PX	3.931	152.563
2) TPCL Hydro	4.183	91.480	Standby	0.000	0.000
3) TPCL Gas	2.578	75.264	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.238	252.492	1) MSEDCL	284.326	10589.607
D) STATE			2) Mumbai Discoms	43.757	1322.500
1) Thermal	176.264	7079.846	TOTAL STATE	328.083	11912.107
(A1+C1+C4+(B1-B6))					
2) Hydro	16.414	319.946			
(A2+C2)					
3) Gas	9.075	253.866			
(A3+B7+C3)					
4) Wind	10.866	333.859			
6) SOLAR	6.716	193.011			
TOTAL STATE	219.335	8180.528			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3907	4187	4039	3929
MSPGCL Hydro	532	986	718	118
MSPGCL Gas	262	259	275	269
MSPGCL Total Generation	4701	5432	5032	4316
Central Sector Receipt	5434	5177	4754	3153
WIND	407	228	270	633
CPP / IPP Thermal	2441	2849	2843	2419
CPP / IPP Gas	0	0	0	0
SOLAR	936	645	0	0
Exchange with Mumbai	-733	-667	-710	-721
MSEDCL DEMAND MET	13186	13664	12189	9800
Load Shedding	0	0	0	0
MSEDCL DEMAND	13186	13664	12189	9800
TPCL GENERATION	748	767	827	585
AEML GENERATION	372	374	376	373
MUMBAI DEMAND	1853	1808	1913	1679
STATE DEMAND MET	15039	15472	14102	11479
STATE DEMAND	15039	15472	14102	11479
Frequency (Hz)	50.04	49.90	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 10:01 Hrs	49.77 Hz at 18:38 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 26/Mar/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	9.86	279.92	460	343
Unit 9	11.34	292.79	529	423
Unit 10	10.86	280.26	477	405
Total	32.06	852.97		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	211.68	0	0
Unit 5	0.00	212.19	0	0
Total	0.00	423.87		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	77.26	0	0
Unit 7	0.00	69.80	0	0
Unit 8	0.00	120.48	0	0
Total	0.00	267.54		
Chandrapur				
Unit 3	2.38	107.76	166	0
Unit 4	2.60	102.86	179	0
Unit 5	7.84	162.73	440	0
Unit 6	0.00	221.38	0	0
Unit 7	9.33	224.66	440	360
Unit 8	9.58	230.48	470	360
Unit 9	9.20	256.94	430	360
Total	40.94	1306.81		
Paras				
Unit 3	5.32	124.08	250	200
Unit 4	5.28	127.79	255	195
Total	10.60	251.87		
Khaparkheda				
Unit 1	0.00	96.24	0	0
Unit 2	0.00	101.78	0	0
Unit 3	0.00	100.65	0	0
Unit 4	0.00	95.80	0	0
Unit 5	9.86	263.55	495	360
Total	9.86	658.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	101.06	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	101.06		
Uran				
All Units	6.50	178.60	291	257
Total	6.50	178.60		
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	1.40	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.40		
Koyna				
Stage 1-2	6.53	75.92	550	45
Stage 4	0.94	57.56	250	0
Stage 3	1.96	29.55	240	0
Total	9.43	163.02		
Hydro				
KDPH	0.89	18.93	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.67	9.81	62	0
BHTGR/VEER	0.00	0.36	0	0
BHIRA T.R.	0.16	4.25	77	0
RNGR+BHTSA	0.00	8.28	0	0
BHANDARDRA	0.47	8.97	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	13.36	36	22
GHATGHAR	0.00	1.49	0	0
Total	2.80	65.44		
Wind				
Total	10.87	333.86	0	0
Total	10.87	333.86		
CPP				
APML(Mus)	37.84	1718.57	0	0
JSWEL(Mus)	10.16	408.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	5.55	85.85	0	0
Other(Mus)	9.47	355.62	0	0
Total	63.02	2632.48		
SOLAR				
Total	6.72	193.01	0	0
Total	6.72	193.01		
Tata				
Trombay 5	6.68	214.04	397	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	44.53	62	59
Trombay 7B	1.14	30.74	50	46
Trombay 8	3.85	118.70	235	152
TATA Hydro	4.18	91.48	294	48
Total	17.30	499.48		
AEML				
DTPS U-1&2	9.24	252.49	503	372
Total	9.24	252.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.47	3862.13	MSPGCL Total	112.20	4269.20
			MSPGCL Thml+Gas	99.97	4040.74	Koyna 1,2 & 4 Total	7.47	133.48
			MSPGCL Hydro	12.23	228.47	State Total	219.34	8180.53

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Mar/2020

Annexure-2

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	3926	442	266	4634	320	2428	0	0	3357	3450	-862	9970	0	9970	1903	11873	49.91
2	3916	323	279	4518	274	2433	0	0	3598	3410	-788	9847	0	9847	1814	11661	50.02
3	3930	118	279	4327	432	2434	0	0	3676	3374	-751	9816	0	9816	1744	11560	50.02
4	3929	118	269	4316	633	2419	0	0	3313	3153	-721	9800	0	9800	1679	11479	49.96
5	3927	119	289	4335	767	2422	0	0	3290	3214	-702	10036	0	10036	1650	11686	49.99
6	3926	124	271	4321	999	2414	0	0	3917	3871	-713	10892	0	10892	1664	12556	49.97
7	3928	135	271	4334	872	2405	0	23	4723	4697	-732	11599	0	11599	1687	13286	50.04
8	3911	139	291	4341	812	2411	0	137	5203	5020	-714	12007	0	12007	1710	13717	50.03
9	3916	182	267	4365	727	2406	0	388	4717	4888	-741	12033	0	12033	1773	13806	50.04
10	3919	284	275	4478	500	2406	0	595	4632	4749	-744	11984	0	11984	1837	13821	50.06
11	3906	317	262	4485	423	2458	0	781	4816	4790	-770	12167	0	12167	1876	14043	50.04
12	3907	532	262	4701	407	2441	0	936	5296	5434	-733	13186	0	13186	1853	15039	50.04
13	3848	651	269	4768	354	2482	0	985	5260	5683	-726	13546	0	13546	1844	15390	50.05
14	3989	748	268	5005	264	2647	0	934	5178	5267	-720	13397	0	13397	1821	15218	50.03
15	4087	748	257	5092	251	2749	0	812	5216	5153	-703	13354	0	13354	1815	15169	49.96
16	4187	986	259	5432	228	2849	0	645	5318	5177	-667	13664	0	13664	1808	15472	49.90
17	4046	1038	260	5344	163	2874	0	318	4800	4812	-607	12904	0	12904	1774	14678	50.00
18	4021	1021	272	5314	271	2853	0	146	4465	4345	-599	12330	0	12330	1748	14078	49.96
19	4018	565	262	4845	263	2848	0	16	4346	4348	-604	11716	0	11716	1784	13500	49.93
20	4039	718	275	5032	270	2843	0	0	4579	4754	-710	12189	0	12189	1913	14102	50.00
21	3746	750	275	4771	297	2842	0	0	4469	4576	-749	11737	0	11737	1952	13689	50.02
22	3548	880	266	4694	409	2851	0	0	4519	4667	-766	11855	0	11855	1980	13835	50.01
23	3483	597	277	4357	421	3067	0	0	4728	4861	-673	12033	0	12033	2056	14089	50.02
24	3417	696	276	4389	509	3037	0	0	4856	5055	-726	12264	0	12264	2072	14336	50.00
MUs	93.47	12.23	6.50	112.20	10.87	63.02	0.00	6.72	108.27	108.75	-17.22	284.33	0.00	284.33	43.76	328.08	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 26/Mar/2020

Position as on 6.30 Hrs of 27/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
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	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	21/03/2020	15.15	27/03/2020	07.14	Gas shortage	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Parli Unit 8	250	23/03/2020	18.00		Continued.	Zero Schedule.	
IPP	Adani U-4	660	23/03/2020	18.27	27/03/2020	05.22	Hot PA bellow leakage.	
MSPGCL	Chandrapur Unit 6	500	23/03/2020	21.59		Continued.	Clinker Removal Work.	
IPP	Adani U-1	660	25/03/2020	01.30		Continued.	APH-A Hot PA Bellow Leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Mar/2020

Position as on 6.30 Hrs of 27/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 2	210	25/03/2020	18.02		Continued.	Reserve Shut Down.	
MSPGCL	Khaparkheda Unit 1	210	25/03/2020	18.03		Continued.	Reserve Shut Down.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Khaparkheda Unit 3	210	25/03/2020	23.55		Continued.	Reserve Shut Down.	
MSPGCL	Khaparkheda Unit 4	210	25/03/2020	23.58		Continued.	Reserve Shut Down.	
IPP	JSW (J) U2	300	26/03/2020	00.13		Continued.	No schedule.	
MSPGCL	Chandrapur Unit 3	210	26/03/2020	14.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 5	108	27/03/2020	05.53		Continued.	Mal Function	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 27/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	23/03/2020	17.19		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	25/03/2020	17.04	26/03/2020	07.05	T	Over Voltage
Padgha Tarapur I	InterState	25/03/2020	17.12		Continued.	T	Over Voltage
Padgha - Boisar (PG)	InterState	25/03/2020	18.00		Continued.	T	Over Voltage
Babhaleshwar - Padghe-II	IntraState	22/03/2020	08.19		Continued.	T	Over Voltage
Padghe - Kalwa-II	IntraState	22/03/2020	16.57		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/03/2020	18.12		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	23/03/2020	20:37		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/03/2020	15.38		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	25/03/2020	15.54	26/03/2020	11.18	T	Distance Protection
Padghe - Nagothane - I	IntraState	25/03/2020	16.10		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	25/03/2020	17.12	27/03/2020	15.17	T	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	25/03/2020	18.01		Continued.	T	Over Voltage
New Koyna - Dabhol-I	IntraState	25/03/2020	18.01		Continued.	T	Over Voltage
Khadka - Bableswhar	IntraState	25/03/2020	18.07	26/03/2020	06.33	T	Over Voltage
Koradi-Khaperkheda I	IntraState	25/03/2020	20.21		Continued.	T	Over Voltage
Koradi-Bhusawal	IntraState	25/03/2020	20.21		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	27/03/2020	17.07		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 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	22/03/2020	10.13		Continued.	HT	Hand tripped from LV end to control Over Voltage.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	25/03/2020	13.59		Continued.	EO	CT Tan Delta High.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/03/2020	16.32		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	25/03/2020	17.57	26/03/2020	06.09	HT	LV Side CB Hand Tripped For Voltage.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	25/03/2020	17.57		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	25/03/2020	18.45	26/03/2020	06:44	T	NDR Protection Operated.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	25/03/2020	20.12	26/03/2020	05.46	HT	LV Side CB Hand Tripped For Voltage.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	25/03/2020	22.00		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220/33kv 315mva Ict3 @Lonikand	IntraState	25/03/2020	22.01		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	26/03/2020	14.21	26/03/2020	19.51	EO	To replace the faulty cable of 408 CTT Teed protection
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
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	Isolation of 220KV Cables on MSETCL Tower NO.240

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 26/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Adlabs - Pedambe	IntraState	25/03/2020	15.19	26/03/2020	03.23	T	Distance Protection
Miraj - Mhaishal	IntraState	25/03/2020	21.32	26/03/2020	04.45	T	Distance Protection
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Nanded-Ghatodi	IntraState	26/03/2020	12.41	26/03/2020	15.06	PO	Line Maintenance work
Padghe - Nalasopara	IntraState	27/03/2020	10.42	27/03/2020	11.59	T	Distance Protection
220 KV ICT Outages/Trippings							
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	26/03/2020	17.20	26/03/2020	18.42	T	Tripped Without Any Indication

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