

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Apr/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	66.909	191.453	1) Gujrat	11.416	30.842
2) Hydro	16.612	50.821	2) Madhya Pradesh	18.373	52.182
3) Gas	6.790	20.455	3) Chattisgarh	7.940	23.700
Total MSPGCL	90.311	262.729	4) Maharashtra	108.919	325.141
B) 1) APMIL	61.940	186.222	5) Goa (Amona)	0.000	0.000
2) JSWEL	12.385	31.212	Total	146.648	431.865
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.310	49.122
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	12.048	35.697
5) WPCL	5.473	16.413	c) MSEDCL Bilateral *	47.766	134.608
6) Other IPP	8.002	23.994	Include PX	31.166	85.038
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.310	49.122
C) 1) TPCL Thermal	15.042	43.079	Include PX	10.144	30.505
2) TPCL Hydro	2.285	7.684	Standby	0.000	0.000
3) TPCL Gas	2.548	7.684	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.415	32.807	1) MSEDCL	332.604	972.169
D) STATE			2) Mumbai Discoms	43.338	126.951
1) Thermal	181.166	525.180	TOTAL STATE	375.942	1099.120
(A1+C1+C4+(B1-B6))					
2) Hydro	18.897	58.505			
(A2+C2)					
3) Gas	9.338	28.139			
(A3+B7+C3)					
4) Wind	12.974	33.282			
6) SOLAR	6.919	22.149			
TOTAL STATE	229.294	667.255			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2727	2804	2882	2759
MSPGCL Hydro	407	728	313	462
MSPGCL Gas	278	277	285	290
MSPGCL Total Generation	3412	3809	3480	3511
Central Sector Receipt	7656	7635	5025	5537
WIND	289	223	803	668
CPP / IPP Thermal	3642	3679	3712	3628
CPP / IPP Gas	0	0	0	0
SOLAR	998	877	0	0
Exchange with Mumbai	-437	-766	-481	-446
MSEDCL DEMAND MET	15560	15457	12539	12898
Load Shedding	0	0	0	0
MSEDCL DEMAND	15560	15457	12539	12898
TPCL GENERATION	892	661	898	768
AEML GENERATION	499	373	500	497
MUMBAI DEMAND	1828	1800	1879	1711
STATE DEMAND MET	17388	17257	14418	14609
STATE DEMAND	17388	17257	14418	14609
Frequency (Hz)	50.03	50.02	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.00 Hrs	49.77 Hz at 19.19 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 03/Apr/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	12.28	32.67	611	384
Unit 9	12.24	32.59	590	426
Unit 10	10.81	31.32	510	420
Total	35.33	96.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.72	32.09	460	390
Unit 9	9.98	30.90	445	375
Total	20.70	62.99		
Paras				
Unit 3	5.45	15.99	250	196
Unit 4	5.43	15.90	253	198
Total	10.88	31.88		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.79	20.46	306	265
Total	6.79	20.46		
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)	0.04	0.24	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.24		
Koyna				
Stage 1-2	5.79	17.42	540	40
Stage 4	5.51	18.09	751	0
Stage 3	2.50	7.35	320	0
Total	13.80	42.86		
Hydro				
KDPH	0.89	2.01	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.48	1.45	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.26	53	0
RNGR+BHTSA	0.00	0.70	0	0
BHANDARDRA	0.47	1.40	31	13
ELDARY	0.36	0.58	15	14
SMLHY_PTN	0.54	1.57	32	20
GHATGHAR	0.00	0.00	0	0
Total	2.82	7.96		
Wind				
Total	12.97	33.28	0	0
Total	12.97	33.28		
CPP				
APML(Mus)	61.94	186.22	0	0
JSWEL(Mus)	12.38	31.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.47	16.41	0	0
Other(Mus)	8.00	23.99	0	0
Total	87.80	257.84		
SOLAR				
Total	6.92	22.15	0	0
Total	6.92	22.15		
Tata				
Trombay 5	9.68	27.55	454	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	4.28	60	57
Trombay 7B	1.13	3.41	48	46
Trombay 8	5.36	15.53	241	150
TATA Hydro	2.28	7.68	183	6
Total	19.88	58.45		
AEML				
DTPS U-1&2	11.42	32.81	501	373
Total	11.42	32.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	66.91	191.45	MSPGCL Total	90.31	262.73
			MSPGCL Thml+Gas	73.70	211.91	Koyna 1,2 & 4 Total	11.30	35.51
			MSPGCL Hydro	16.61	50.82	State Total	229.29	667.26

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Apr/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	2709	1224	288	4221	713	3620	0	0	5275	5126	-614	13066	0	13066	1940	15006	50.00
2	2738	958	288	3984	724	3658	0	0	5399	5232	-514	13084	0	13084	1843	14927	50.03
3	2748	486	279	3513	707	3638	0	0	5500	5445	-443	12860	0	12860	1771	14631	49.99
4	2759	462	290	3511	668	3628	0	0	5634	5537	-446	12898	0	12898	1711	14609	49.99
5	2761	594	301	3656	712	3564	0	0	5592	5722	-418	13236	0	13236	1679	14915	50.00
6	2783	1208	284	4275	695	3590	0	0	6066	6028	-432	14156	0	14156	1684	15840	50.01
7	2813	1542	306	4661	720	3643	0	17	6487	6478	-410	15109	0	15109	1652	16761	49.96
8	2800	1581	293	4674	742	3604	0	176	6531	6414	-356	15254	0	15254	1669	16923	50.03
9	2765	1256	279	4300	560	3581	0	452	6293	6173	-411	14655	0	14655	1735	16390	49.97
10	2733	1073	283	4089	417	3578	0	737	6302	6419	-419	14821	0	14821	1786	16607	49.99
11	2702	604	270	3576	368	3583	0	893	6781	6995	-424	14991	0	14991	1836	16827	50.02
12	2727	407	278	3412	289	3642	0	998	7770	7656	-437	15560	0	15560	1828	17388	50.03
13	2664	282	275	3221	259	3692	0	923	8137	7969	-654	15410	0	15410	1821	17231	49.96
14	2804	728	277	3809	223	3679	0	877	7566	7635	-766	15457	0	15457	1800	17257	50.02
15	2881	546	265	3692	271	3682	0	754	7431	7231	-618	15012	0	15012	1804	16816	50.00
16	2923	365	277	3565	293	3676	0	572	7437	7451	-436	15121	0	15121	1798	16919	49.99
17	2937	575	269	3781	309	3740	0	352	6559	6598	-390	14390	0	14390	1780	16170	50.03
18	2915	539	281	3735	331	3736	0	155	5752	5517	-352	13122	0	13122	1734	14856	50.00
19	2876	152	272	3300	391	3733	0	13	5223	5071	-384	12124	0	12124	1747	13871	50.02
20	2882	313	285	3480	803	3712	0	0	5028	5025	-481	12539	0	12539	1879	14418	49.97
21	2837	155	286	3278	762	3717	0	0	4978	5057	-617	12197	0	12197	1897	14094	50.05
22	2743	327	287	3357	658	3668	0	0	4984	5177	-770	12090	0	12090	1907	13997	50.02
23	2700	610	278	3588	676	3716	0	0	5236	5286	-606	12660	0	12660	1994	14654	50.00
24	2709	625	299	3633	683	3720	0	0	5430	5406	-650	12792	0	12792	2043	14835	50.01
MUs	66.91	16.61	6.79	90.31	12.97	87.80	0.00	6.92	147.39	146.65	-12.05	332.60	0.00	332.60	43.34	375.94	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 03/Apr/2020

Position as on 6.30 Hrs of 04/Apr/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	
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	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.	
MSPGCL	Chandrapur Unit 6	500	23/03/2020	21.59		Continued.	Clinker Removal Work.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Apr/2020

Position as on 6.30 Hrs of 04/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
MSPGCL	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 5	500	30/03/2020	17.42		Continued.	Zero schedule.	
IPP	JSW (J) U3	300	31/03/2020	22.46		Continued.	No schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 04/Apr/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
Padgha - Boisar (PG)	InterState	25/03/2020	18.00		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	30/03/2020	17.32		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	01/04/2020	17.26	03/04/2020	20.17	T	R-Phase Main Bus II Insulator String Flash Over Occurred. Main Bus II Tripped.
Dabhol Nagothane II	InterState	02/04/2020	10.58	03/04/2020	10.57	PO	Insulator spring replacement.
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- Bableshtar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/03/2020	15.38		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/03/2020	16.10		Continued.	T	Over Voltage
New Koyna - Dabhol-I	IntraState	25/03/2020	18.01		Continued.	T	Over Voltage
Koradi-Khaperkheda I	IntraState	25/03/2020	20.21		Continued.	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	28/03/2020	16.47		Continued.	HT	Over Voltage
Bus Coupler @ Chandrapur	IntraState	01/04/2020	17.25	03/04/2020	12.58	T	R-Phase Main Bus II Insulator String Flash Over Occurred. Main Bus II Tripped.
Bus B @ Chandrapur	IntraState	01/04/2020	17.26	03/04/2020	12.58	T	R-Phase Main Bus II Insulator String Flash Over Occurred. Main Bus II Tripped.
New Koyna - Koyna Stage IV-II	IntraState	01/04/2020	19.46		Continued.	T	Over Voltage
Main Bus II @ Chandrapur SW	IntraState	02/04/2020	12.50	03/04/2020	12.58	EO	Replacement Of String Which Is Flashed Over.
Babhareshwar - Padghe-I	IntraState	02/04/2020	13.58		Continued.	T	Distance Protection (RFC at 18.38)
Lonikand I - Koyna stage-IV	IntraState	03/04/2020	18.53	04/04/2020	06.16	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 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 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 @Kalwa	IntraState	28/03/2020	18.07		Continued.	HT	Over Voltage
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
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.

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 03/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Butibori-Indorama	IntraState	02/04/2020	21.18		Continued.	T	B PH PT Brust At Indorama End.
Padgha - Temghar I	IntraState	03/04/2020	10.04	03/04/2020	12.46	PO	For attending 220KV B-phase CT oil leakage. Routine bay maintenance work.
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