

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	65.098	1628.574	1) Gujrat	7.687	268.170
2) Hydro	19.552	513.719	2) Madhya Pradesh	13.561	397.199
3) Gas	6.790	186.318	3) Chattisgarh	8.000	206.170
Total MSPGCL	91.440	2328.611	4) Maharashtra	148.448	3430.233
B) 1) APML	60.507	1709.349	5) Goa (Amona)	-0.110	-0.110
2) JSWEL	19.145	439.372	Total	177.586	4301.662
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.194	505.746
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.562	466.115
5) WPCL	2.699	139.693	c) MSEDCL Bilateral *	72.819	1487.585
6) Other IPP	7.635	215.567	Include PX	49.888	956.057
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.194	505.746
C) 1) TPCL Thermal	6.554	281.368	Include PX	4.955	158.089
2) TPCL Hydro	3.774	113.794	Standby	0.000	0.000
3) TPCL Gas	4.397	96.785	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.140	275.738	1) MSEDCL	358.276	9223.791
D) STATE			2) Mumbai Discoms	47.427	1233.797
1) Thermal	170.778	4689.661	TOTAL STATE	405.703	10457.588
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	23.326	627.513			
3) Gas (A3+B7+C3)	11.187	283.103			
4) Wind	15.718	357.579			
6) SOLAR	7.108	198.073			
TOTAL STATE	228.117	6155.929			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2496	2760	2777	2721
MSPGCL Hydro	823	1063	332	619
MSPGCL Gas	280	268	284	289
MSPGCL Total Generation	3599	4091	3393	3629
Central Sector Receipt	8278	8572	6607	6880
WIND	272	208	742	1120
CPP / IPP Thermal	3724	3781	3836	3638
CPP / IPP Gas	0	0	0	0
SOLAR	1366	1167	0	0
Exchange with Mumbai	-1059	-1129	-970	-980
MSEDCL DEMAND MET	16180	16690	13608	14287
Load Shedding	0	0	0	0
MSEDCL DEMAND	16180	16690	13608	14287
TPCL GENERATION	533	483	758	670
AEML GENERATION	374	373	372	372
MUMBAI DEMAND	1966	1985	2100	2022
STATE DEMAND MET	18146	18675	15708	16309
STATE DEMAND	18146	18675	15708	16309
Frequency (Hz)	49.99	49.97	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.02 Hrs	49.82 Hz at 12.39 Hrs	50.01	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/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	0.00	112.89	0	0
Unit 9	0.00	112.84	0	0
Unit 10	0.00	108.90	0	0
Total	0.00	334.63		
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	13.91	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	10.47	90.71	480	360
Unit 7	0.00	0.00	0	0
Unit 8	11.73	234.64	500	480
Unit 9	10.99	260.37	470	440
Total	33.20	599.63		
Paras				
Unit 3	6.00	146.60	256	240
Unit 4	6.07	135.33	256	250
Total	12.07	281.94		
Khaparkheda				
Unit 1	0.00	38.21	0	0
Unit 2	4.26	53.22	190	160
Unit 3	0.00	54.21	0	0
Unit 4	4.25	63.40	190	160
Unit 5	11.32	203.34	500	365
Total	19.83	412.38		
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	186.32	301	268
Total	6.79	186.32		
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)	0.12	4.41	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	4.41		
Koyna				
Stage 1-2	4.85	146.98	435	45
Stage 4	9.18	209.13	750	0
Stage 3	3.14	75.05	240	0
Total	17.16	431.16		
Hydro				
KDPH	0.72	22.34	36	18
VTRNA	0.00	0.00	0	0
TILLARI	0.33	11.28	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	5.81	70	0
RNGR+BHTSA	0.28	7.70	12	11
BHANDARDRA	0.45	13.79	34	12
ELDARY	0.00	5.36	0	0
SMLHY_PTN	0.48	16.29	30	17
GHATGHAR	0.00	0.00	0	0
Total	2.39	82.56		
Wind				
Total	15.72	357.58	0	0
Total	15.72	357.58		
CPP				
APML(Mus)	60.51	1709.35	0	0
JSWEL(Mus)	19.14	439.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	139.69	0	0
Other(Mus)	7.64	215.57	0	0
Total	89.99	2503.98		
SOLAR				
Total	7.11	198.07	0	0
Total	7.11	198.07		
Tata				
Trombay 5	6.55	226.54	277	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	60.00	118	116
Trombay 7B	1.59	36.78	67	65
Trombay 8	0.00	54.82	0	0
TATA Hydro	3.77	113.79	429	20
Total	14.72	491.95		
AEML				
DTPS U-1&2	9.14	275.74	501	372
Total	9.14	275.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	65.10	1628.57	MSPGCL Total	91.44	2328.61
			MSPGCL Thml+Gas	71.89	1814.89	Koyna 1,2 & 4 Total	14.03	356.11
			MSPGCL Hydro	19.55	513.72	State Total	228.12	6155.93

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	2740	833	278	3851	1136	3711	0	0	7005	7036	-961	14773	0	14773	2249	17022	50.02
2	2746	1073	298	4117	1075	3721	0	0	6774	6491	-967	14437	0	14437	2146	16583	50.01
3	2721	619	289	3629	1120	3638	0	0	6910	6880	-980	14287	0	14287	2022	16309	50.00
4	2717	583	280	3580	926	3704	0	0	6897	7127	-950	14387	0	14387	1939	16326	50.00
5	2712	773	291	3776	840	3741	0	0	6841	7154	-852	14659	0	14659	1878	16537	50.05
6	2714	1257	282	4253	919	3702	0	0	7368	7384	-896	15362	0	15362	1903	17265	50.04
7	2721	1304	301	4326	1097	3700	0	31	8019	7853	-777	16230	0	16230	1820	18050	50.02
8	2754	1102	291	4147	469	3667	0	188	7714	7848	-819	15500	0	15500	1807	17307	50.03
9	2781	1307	277	4365	412	3655	0	384	7342	7151	-1008	14959	0	14959	1857	16816	50.04
10	2644	1041	295	3980	407	3733	0	582	7442	7481	-1066	15117	0	15117	1920	17037	50.05
11	2506	927	274	3707	430	3702	0	711	7787	8034	-1082	15502	0	15502	1949	17451	50.03
12	2496	823	280	3599	272	3724	0	1366	8371	8278	-1059	16180	0	16180	1966	18146	49.99
13	2496	881	269	3646	326	3714	0	783	8465	8450	-1070	15849	0	15849	1948	17797	49.95
14	2550	1020	287	3857	269	3711	0	700	8506	8565	-1087	16015	0	16015	1949	17964	49.98
15	2760	1063	268	4091	208	3781	0	1167	8467	8572	-1129	16690	0	16690	1985	18675	49.97
16	2768	853	280	3901	321	3789	0	508	8556	8505	-1110	15914	0	15914	1978	17892	50.01
17	2794	743	270	3807	427	3744	0	311	7870	7940	-1011	15218	0	15218	1894	17112	50.06
18	2790	809	281	3880	467	3784	0	365	6764	6831	-926	14401	0	14401	1816	16217	50.01
19	2791	341	283	3415	601	3820	0	12	6015	6140	-877	13111	0	13111	1784	14895	50.01
20	2787	646	283	3716	677	3811	0	0	5867	6140	-876	13468	0	13468	1928	15396	49.97
21	2787	484	285	3556	778	3823	0	0	6113	6325	-947	13535	0	13535	2015	15550	50.00
22	2777	332	284	3393	742	3836	0	0	6269	6607	-970	13608	0	13608	2100	15708	49.96
23	2780	554	287	3621	822	3885	0	0	6737	7104	-1006	14426	0	14426	2258	16684	50.02
24	2766	184	277	3227	977	3890	0	0	7526	7690	-1136	14648	0	14648	2316	16964	50.05
MUs	65.10	19.55	6.79	91.44	15.72	89.99	0.00	7.11	175.63	177.59	-23.56	358.28	0.00	358.28	47.43	405.70	50.01

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/Apr/2020

Position as on 6.30 Hrs of 28/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	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
IPP	JSW (J) U2	300	26/03/2020	00.13		Continued.	No schedule.	
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	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Apr/2020

Position as on 6.30 Hrs of 28/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	22/04/2020	20.45		Continued.	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	Adani U-1	660	25/04/2020	01.12		Continued.	APH 1A Flue Gas Bellow Leakage	
MSPGCL	Khaparkheda Unit 3	210	26/04/2020	17.00	28/04/2020	04.30	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 28/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
Dhule Sar'Sarovar II	InterState	21/04/2020	17.20		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/03/2020	18.12		Continued.	HT	Over Voltage (Breakdown 26/4/20 10.55 Hrs earthwire broken at LOC no.149-150).
Dhule- Bableshtar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
New Koyana - Dabhol-I	IntraState	25/03/2020	18.01		Continued.	T	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
Chandrapur - Parli	IntraState	19/04/2020	02.20		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Babhaleshtar - Padghe-II	IntraState	20/04/2020	09.25		Continued.	PO	Quarterly Maintenance work & Relay Testing, for CVT replacement work (RFC at 21.22 Hrs).
Girwali- Lonikand 2	IntraState	20/04/2020	14.23		Continued.	HT	Controlling loading of Parli Parli (PG D/C line).
Taptitanda Waluj	IntraState	22/04/2020	17.18		Continued.	T	Distance Protection (RFC at 14.08Hrs DT.24-4-20)
Main Bus A @Kharghar	IntraState	25/04/2020	13.30	27/04/2020	15.08	EO	Replacement Of A BUS R PH Faulty PG Isolator of ICT-3 & ICT-1.
Khadka-Aurangabad (Waluj)	IntraState	27/04/2020	17.50		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	27/04/2020	18.19		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 315 MVA ICT-I @ Nagothane	IntraState	25/03/2020	17.57		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
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	17/04/2020	13.19		Continued.	PO	Attending Hot Spot
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	19/04/2020	11.55		Continued.	HT	Over Voltage
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/04/2020	09.41		Continued.	PO	Attending bus A outage.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	27/04/2020	08.52	27/04/2020	20.24	PO	Insulator Coating Work.
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(MS) - Boisar (PG) - I	InterState	27/04/2020	15.38	27/04/2020	19.55	EO	CT Replacement.
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.
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
Miraj-Ichalkaranji I	IntraState	27/04/2020	08.49	27/04/2020	20.08	PO	String of 220Kv Miraj - Tilwani line from Loc. No 108 to Gantry at Tiwani S/s.

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/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Wardha - Wardha Rly Tss 2	IntraState	27/04/2020	10.11	27/04/2020	11.35	EO	Railway authorities & thereafter attending of oil leakage of 220kv B-PH PT secondary box.
Sawantwadi-Bidri	IntraState	27/04/2020	18.10		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/04/2020	17.15		Continued.	HT	Over Voltage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	21/04/2020	17.50		Continued.	HT	Over Voltage
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	27/04/2020	12.10	27/04/2020	17.30	PO	Pre Monsoon Maintenance Work & IR Test of LA.