

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Apr/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	73.510	586.614	1) Gujrat	7.700	104.216
2) Hydro	14.612	157.957	2) Madhya Pradesh	13.498	165.820
3) Gas	6.748	71.355	3) Chattisgarh	8.570	81.110
Total MSPGCL	94.870	815.926	4) Maharashtra	120.217	1205.804
B) 1) APLM	59.391	546.938	5) Goa (Amona)	0.000	0.000
2) JSWEL	17.716	132.025	Total	149.985	1556.950
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.405	175.815
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	13.324	126.720
5) WPCL	5.471	55.357	c) MSEDCL Bilateral *	50.141	535.113
6) Other IPP	8.831	80.520	Include PX	28.467	344.802
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.405	175.815
C) 1) TPCL Thermal	14.329	142.075	Include PX	3.385	83.908
2) TPCL Hydro	2.384	24.280	Standby	0.000	0.000
3) TPCL Gas	2.550	25.452	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.321	108.717	1) MSEDCL	339.904	3258.683
D) STATE			2) Mumbai Discoms	42.907	427.243
1) Thermal	189.569	1652.246	TOTAL STATE	382.811	3685.926
(A1+C1+C4+(B1-B6))					
2) Hydro	16.996	182.237			
(A2+C2)					
3) Gas	9.298	96.807			
(A3+B7+C3)					
4) Wind	9.890	123.060			
6) SOLAR	7.074	74.627			
TOTAL STATE	232.827	2128.977			

* 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 23 Hrs
MSPGCL Thermal	3271	3264	2727	2687
MSPGCL Hydro	361	234	653	618
MSPGCL Gas	289	268	285	297
MSPGCL Total Generation	3921	3766	3665	3602
Central Sector Receipt	7245	7333	5176	5598
WIND	266	244	278	309
CPP / IPP Thermal	3858	4056	3986	4102
CPP / IPP Gas	0	0	0	0
SOLAR	972	966	0	0
Exchange with Mumbai	-590	-673	-648	-655
MSEDCL DEMAND MET	15672	15692	12457	12956
Load Shedding	0	0	0	0
MSEDCL DEMAND	15672	15692	12457	12956
TPCL GENERATION	787	738	802	905
AEML GENERATION	374	374	411	473
MUMBAI DEMAND	1751	1785	1861	2033
STATE DEMAND MET	17423	17477	14318	14989
STATE DEMAND	17423	17477	14318	14989
Frequency (Hz)	50.02	50.00	49.92	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.01 Hrs	49.79 Hz at 22.39 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 10/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	10.42	102.24	480	380
Unit 9	9.85	101.62	446	350
Unit 10	9.83	97.49	412	401
Total	30.10	301.36		
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	3.76	13.91	190	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	10.99	54.04	480	390
Unit 9	11.02	77.29	480	435
Total	25.76	145.24		
Paras				
Unit 3	5.55	53.20	250	205
Unit 4	5.89	39.79	255	228
Total	11.44	92.99		
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	6.20	47.02	400	0
Total	6.20	47.02		
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	6.75	71.36	304	230
Total	6.75	71.36		
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)	0.10	0.94	39	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.94		
Koyna				
Stage 1-2	4.24	52.80	565	35
Stage 4	5.36	52.86	872	0
Stage 3	1.73	22.99	160	0
Total	11.34	128.66		
Hydro				
KDPH	0.89	8.22	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	4.56	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.77	63	0
RNGR+BHTSA	0.32	2.98	14	13
BHANDARDRA	0.65	5.09	33	13
ELDARY	0.36	2.00	15	14
SMLHY_PTN	0.56	5.67	31	21
GHATGHAR	0.00	0.00	0	0
Total	3.28	29.30		
Wind				
Total	9.89	123.06	0	0
Total	9.89	123.06		
CPP				
APML(Mus)	59.39	546.94	0	0
JSWEL(Mus)	17.72	132.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.47	55.36	0	0
Other(Mus)	8.83	80.52	0	0
Total	91.41	814.84		
SOLAR				
Total	7.07	74.63	0	0
Total	7.07	74.63		
Tata				
Trombay 5	8.99	90.68	474	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	14.21	60	58
Trombay 7B	1.13	11.24	48	46
Trombay 8	5.34	51.39	242	153
TATA Hydro	2.38	24.28	208	0
Total	19.26	191.81		
AEML				
DTPS U-1&2	10.32	108.72	501	371
Total	10.32	108.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	73.51	586.61	MSPGCL Total	94.87	815.93
			MSPGCL Thml+Gas	80.26	657.97	Koyna 1,2 & 4 Total	9.60	105.66
			MSPGCL Hydro	14.61	157.96	State Total	232.83	2128.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Apr/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	3174	1041	290	4505	597	3495	0	0	5709	5829	-639	13787	0	13787	1978	15765	49.98
2	3194	885	300	4379	557	3514	0	0	5824	5972	-572	13850	0	13850	1841	15691	50.04
3	3214	649	281	4144	597	3462	0	0	5876	5911	-602	13512	0	13512	1758	15270	49.98
4	3218	641	293	4152	662	3435	0	0	5889	5883	-676	13456	0	13456	1677	15133	50.00
5	3257	656	303	4216	459	3468	0	0	6117	6200	-654	13689	0	13689	1647	15336	49.99
6	3224	689	284	4197	537	3455	0	0	6529	6976	-596	14569	0	14569	1673	16242	49.96
7	3258	1477	296	5031	392	3439	0	26	7130	7035	-372	15551	0	15551	1666	17217	50.01
8	3290	1174	304	4768	329	3428	0	194	6808	6941	-338	15322	0	15322	1653	16975	50.02
9	3278	788	279	4345	256	3495	0	485	6635	6633	-362	14852	0	14852	1697	16549	50.02
10	3258	741	286	4285	258	3586	0	712	6633	6646	-337	15150	0	15150	1748	16898	50.00
11	3296	392	272	3960	305	3708	0	922	6868	6736	-506	15125	0	15125	1749	16874	50.02
12	3271	361	289	3921	266	3858	0	972	7332	7245	-590	15672	0	15672	1751	17423	50.02
13	3264	234	268	3766	244	4056	0	966	7447	7333	-673	15692	0	15692	1785	17477	50.00
14	3242	223	277	3742	247	4165	0	881	7441	7293	-680	15648	0	15648	1762	17410	50.03
15	3237	184	239	3660	447	4137	0	797	7304	7110	-646	15505	0	15505	1741	17246	50.02
16	3084	254	230	3568	486	4151	0	551	7155	7157	-602	15311	0	15311	1718	17029	49.93
17	2778	474	268	3520	513	4158	0	354	6558	6288	-389	14444	0	14444	1729	16173	50.01
18	2754	313	281	3348	579	4147	0	181	5667	5336	-326	13265	0	13265	1719	14984	50.02
19	2760	378	284	3422	387	3844	0	33	4959	5139	-608	12217	0	12217	1707	13924	50.01
20	2727	653	285	3665	278	3986	0	0	5123	5176	-648	12457	0	12457	1861	14318	49.92
21	2679	366	276	3321	427	4084	0	0	5305	4852	-486	12198	0	12198	1965	14163	50.02
22	2678	158	287	3123	574	4091	0	0	5265	5187	-667	12308	0	12308	1968	14276	50.00
23	2687	618	297	3602	309	4102	0	0	5331	5598	-655	12956	0	12956	2033	14989	49.90
24	2688	1263	279	4230	184	4145	0	0	5481	5509	-700	13368	0	13368	2082	15450	50.00
MUs	73.51	14.61	6.75	94.87	9.89	91.41	0.00	7.07	150.39	149.99	-13.32	339.90	0.00	339.90	42.91	382.81	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 10/Apr/2020

Position as on 6.30 Hrs of 11/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 (Given Zero Schedule On 29/3/2020 At 12hrs By MSEDCL).	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Apr/2020

Position as on 6.30 Hrs of 11/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 3	210	25/03/2020	23.55	11/04/2020	23.57	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 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.	
MSPGCL	Koyna Unit 6	80	04/04/2020	23.30	10/04/2020	09.30	PLC Problem	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
IPP	Adani U-3	660	06/04/2020	22.07	10/04/2020	09.03	APH 3A Hot PA Below Leakage.	
MSPGCL	Uran Unit B0	120	10/04/2020	14.22	10/04/2020	15.46	Replacement of Card	
MSPGCL	Khaparkheda Unit 5	500	10/04/2020	16.00		Continued.	Boiler Tube Leakage	
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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 11/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 I	InterState	30/03/2020	17.32		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	10/04/2020	17.36	10/04/2020	19.16	T	Distance Protection
Wardha (Pg) Warora I	InterState	10/04/2020	18.14	11/04/2020	14.11	HT	At wardha pg end -TC1 and TC2 faulty due to contactor in cb of main bay 429.
Karad - Jaigad - II	IntraState	23/03/2020	18.12		Continued.	HT	Over Voltage
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
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
Bhusawal-Aurangabad	IntraState	05/04/2020	17.39		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	06/04/2020	00.21		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-II	IntraState	07/04/2020	17.46		Continued.	T	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
karad -kolhapur-II	IntraState	09/04/2020	18.35	10/04/2020	22.36	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	10/04/2020	11.53	10/04/2020	19.56	PO	RPH CVT Problem At Pune GIS End.
karad -kolhapur-I	IntraState	10/04/2020	17.39	11/04/2020	08.51	T	Distance Protection.
Nagothane - Dabhol-II	IntraState	11/04/2020	17.02		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	11/04/2020	17.29		Continued.	T	Distance Protection.
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	Outage availed for maint. work and ICT out LV side.
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.
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

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 10/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 11/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharepatan -Pawas Line	IntraState	10/04/2020	09.40	10/04/2020	17.14	PO	Cold Washing.
Virur - Virur Rly Tss 2	IntraState	11/04/2020	15.33	11/04/2020	18.08	PO	Gantry 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