

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Apr/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	65.615	652.229	1) Gujrat	7.896	112.112
2) Hydro	16.542	174.499	2) Madhya Pradesh	15.061	180.881
3) Gas	6.737	78.092	3) Chattisgarh	9.100	90.210
Total MSPGCL	88.894	904.820	4) Maharashtra	123.913	1329.717
B) 1) APLM	67.358	614.296	5) Goa (Amona)	0.000	0.000
2) JSWEL	17.387	149.412	Total	155.970	1712.920
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.542	194.357
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	13.470	140.190
5) WPCL	5.469	60.826	c) MSEDCL Bilateral *	56.716	591.828
6) Other IPP	8.723	89.243	Include PX	33.447	378.249
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.542	194.357
C) 1) TPCL Thermal	12.789	154.864	Include PX	3.959	87.867
2) TPCL Hydro	4.286	28.566	Standby	0.000	0.000
3) TPCL Gas	2.545	27.997	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.977	119.694	1) MSEDCL	343.061	3601.744
D) STATE			2) Mumbai Discoms	44.067	471.310
1) Thermal	188.318	1840.564	TOTAL STATE	387.128	4073.054
(A1+C1+C4+(B1-B6))					
2) Hydro	20.828	203.065			
(A2+C2)					
3) Gas	9.282	106.089			
(A3+B7+C3)					
4) Wind	5.527	128.587			
6) SOLAR	7.203	81.830			
TOTAL STATE	231.158	2360.135			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2870	2703	2654	2722
MSPGCL Hydro	302	253	889	399
MSPGCL Gas	277	268	297	278
MSPGCL Total Generation	3449	3224	3840	3399
Central Sector Receipt	7946	8054	5206	6097
WIND	293	290	171	175
CPP / IPP Thermal	3841	3841	4251	4187
CPP / IPP Gas	0	0	0	0
SOLAR	1012	1027	0	0
Exchange with Mumbai	-656	-712	-599	-505
MSEDCL DEMAND MET	15885	15724	12869	13353
Load Shedding	0	0	0	0
MSEDCL DEMAND	15885	15724	12869	13353
TPCL GENERATION	730	713	914	810
AEML GENERATION	376	374	501	501
MUMBAI DEMAND	1762	1799	2014	1816
STATE DEMAND MET	17647	17523	14883	15169
STATE DEMAND	17647	17523	14883	15169
Frequency (Hz)	49.99	49.96	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.00 Hrs	49.78 Hz at 06.12 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 11/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	10.65	112.89	510	346
Unit 9	10.84	112.46	540	385
Unit 10	10.46	107.96	530	392
Total	31.95	333.31		
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	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.82	64.86	475	330
Unit 9	11.25	88.54	480	455
Total	22.07	167.31		
Paras				
Unit 3	5.77	58.97	250	187
Unit 4	5.82	45.62	256	204
Total	11.60	104.58		
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	47.02	0	0
Total	0.00	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	6.74	78.09	299	267
Total	6.74	78.09		
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	1.04	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.04		
Koyna				
Stage 1-2	5.12	57.92	530	40
Stage 4	5.78	58.64	705	0
Stage 3	2.59	25.58	160	0
Total	13.49	142.14		
Hydro				
KDPH	0.89	9.11	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	4.98	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	0.86	53	0
RNGR+BHTSA	0.15	3.14	14	0
BHANDARDRA	0.64	5.73	27	26
ELDARY	0.36	2.36	15	14
SMLHY_PTN	0.51	6.18	22	21
GHATGHAR	0.00	0.00	0	0
Total	3.05	32.36		
Wind				
Total	5.53	128.59	0	0
Total	5.53	128.59		
CPP				
APML(Mus)	67.36	614.30	0	0
JSWEL(Mus)	17.39	149.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.47	60.83	0	0
Other(Mus)	8.72	89.24	0	0
Total	98.94	913.78		
SOLAR				
Total	7.20	81.83	0	0
Total	7.20	81.83		
Tata				
Trombay 5	9.36	100.04	466	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	15.63	61	58
Trombay 7B	1.13	12.37	48	46
Trombay 8	3.43	54.82	241	0
TATA Hydro	4.29	28.57	433	2
Total	19.62	211.43		
AEML				
DTPS U-1&2	10.98	119.69	502	373
Total	10.98	119.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	65.62	652.23	MSPGCL Total	88.89	904.82
			MSPGCL Thml+Gas	72.35	730.32	Koyna 1,2 & 4 Total	10.90	116.56
			MSPGCL Hydro	16.54	174.50	State Total	231.16	2360.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	2709	1029	289	4027	176	4193	0	0	6029	5920	-659	13657	0	13657	2042	15699	49.96
2	2718	917	280	3915	227	4162	0	0	6093	6026	-542	13788	0	13788	1913	15701	50.02
3	2719	671	299	3689	211	4205	0	0	6082	5930	-476	13559	0	13559	1824	15383	50.00
4	2722	399	278	3399	175	4187	0	0	6040	6097	-505	13353	0	13353	1816	15169	50.00
5	2718	654	284	3656	89	4212	0	0	6413	6458	-436	13979	0	13979	1744	15723	49.98
6	2758	1001	284	4043	94	4222	0	0	6768	6875	-425	14809	0	14809	1726	16535	49.94
7	2828	1198	277	4303	152	3718	0	19	7329	7244	-358	15078	0	15078	1654	16732	50.00
8	2874	1121	285	4280	227	4200	0	193	7009	6989	-374	15515	0	15515	1689	17204	50.06
9	2930	674	287	3891	316	4168	0	492	6807	6582	-444	15005	0	15005	1792	16797	50.03
10	3012	372	286	3670	300	3985	0	715	6732	6817	-326	15161	0	15161	1703	16864	50.03
11	2981	252	271	3504	278	3828	0	895	6945	6875	-672	14708	0	14708	1783	16491	50.02
12	2870	302	277	3449	293	3841	0	1012	7862	7946	-656	15885	0	15885	1762	17647	49.99
13	2703	253	268	3224	290	3841	0	1027	8156	8054	-712	15724	0	15724	1799	17523	49.96
14	2645	205	277	3127	297	3879	0	883	8054	7956	-708	15434	0	15434	1788	17222	49.93
15	2636	300	267	3203	309	4100	0	793	8056	7876	-708	15573	0	15573	1796	17369	49.94
16	2658	594	278	3530	270	4222	0	601	7743	7684	-637	15670	0	15670	1808	17478	49.99
17	2616	269	278	3163	302	4205	0	383	7355	7227	-508	14772	0	14772	1787	16559	49.98
18	2583	239	280	3102	272	4224	0	159	6220	6338	-537	13558	0	13558	1726	15284	50.01
19	2555	534	272	3361	194	4231	0	31	5267	5196	-583	12430	0	12430	1749	14179	50.00
20	2605	1162	284	4051	158	4218	0	0	4888	5015	-543	12899	0	12899	1934	14833	50.01
21	2665	859	276	3800	151	4220	0	0	4846	4953	-562	12562	0	12562	2006	14568	50.02
22	2654	889	297	3840	171	4251	0	0	5038	5206	-599	12869	0	12869	2014	14883	50.03
23	2756	1224	276	4256	266	4310	0	0	5314	5349	-721	13460	0	13460	2085	15545	49.97
24	2700	1424	287	4411	309	4315	0	0	5448	5357	-779	13613	0	13613	2127	15740	49.96
MUs	65.62	16.54	6.74	88.89	5.53	98.94	0.00	7.20	156.49	155.97	-13.47	343.06	0.00	343.06	44.07	387.13	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 11/Apr/2020

Position as on 6.30 Hrs of 12/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	12/04/2020	04.30	Reserve Shut Down.	
MSPGCL	Khaparkheda Unit 1	210	25/03/2020	18.03	12/04/2020	22.13	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 11/Apr/2020

Position as on 6.30 Hrs of 12/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	12/04/2020	21.57	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	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	10/04/2020	16.00	12/04/2020	22.37	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.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	12/04/2020	00.06	12/04/2020	01.13	Reverse power protection operated.	
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	12/04/2020	22.17	12/04/2020	23.39	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 12/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
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- Bableshwar - I	IntraState	24/03/2020	20.20		Continued.	HT	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
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
Babhaleshwar - 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-I	IntraState	10/04/2020	17.39	11/04/2020	08.51	T	Distance Protection.
Nagothane - Dabhol-II	IntraState	11/04/2020	17.02	12/04/2020	13.51	T	Distance Protection
karad -kolhapur-II	IntraState	11/04/2020	17.29	12/04/2020	11.19	T	Distance Protection.
karad -kolhapur-I	IntraState	12/04/2020	18.25		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	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
Virur - Virur Rly Tss 2	IntraState	11/04/2020	15.33	11/04/2020	18.08	PO	Gantry maintenance work.
Dhule - Dondaicha Ckt	IntraState	12/04/2020	14.12	12/04/2020	16.25	T	Distance Protection

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 11/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 12/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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