

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Apr/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	58.898	753.550	1) Gujrat	11.259	133.560
2) Hydro	18.269	217.443	2) Madhya Pradesh	14.830	212.997
3) Gas	6.802	91.696	3) Chattisgarh	7.160	106.320
Total MSPGCL	83.969	1062.689	4) Maharashtra	127.273	1592.006
B) 1) APLM	68.395	754.301	5) Goa (Amona)	0.000	0.000
2) JSWEL	16.804	183.379	Total	160.522	2044.883
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.655	229.427
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	14.834	169.563
5) WPCL	5.464	71.749	c) MSEDCL Bilateral *	53.584	712.031
6) Other IPP	8.730	107.061	Include PX	34.153	458.047
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.655	229.427
C) 1) TPCL Thermal	9.902	174.722	Include PX	4.680	96.902
2) TPCL Hydro	6.039	39.584	Standby	0.000	0.000
3) TPCL Gas	4.310	36.607	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.331	142.364	1) MSEDCL	345.528	4294.368
D) STATE			2) Mumbai Discoms	46.416	562.839
1) Thermal	179.524	2187.126	TOTAL STATE	391.944	4857.207
(A1+C1+C4+(B1-B6))					
2) Hydro	24.308	257.027			
(A2+C2)					
3) Gas	11.112	128.303			
(A3+B7+C3)					
4) Wind	9.431	143.871			
6) SOLAR	7.047	95.998			
TOTAL STATE	231.422	2812.325			

* 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	2540	2563	2381	2513
MSPGCL Hydro	300	380	628	667
MSPGCL Gas	270	277	277	297
MSPGCL Total Generation	3110	3220	3286	3477
Central Sector Receipt	7784	7872	5288	5602
WIND	250	278	958	611
CPP / IPP Thermal	4095	4075	4220	4209
CPP / IPP Gas	0	0	0	0
SOLAR	997	958	0	0
Exchange with Mumbai	-516	-530	-777	-762
MSEDCL DEMAND MET	15720	15873	12975	13137
Load Shedding	0	0	0	0
MSEDCL DEMAND	15720	15873	12975	13137
TPCL GENERATION	937	920	856	919
AEML GENERATION	502	501	374	500
MUMBAI DEMAND	1955	1951	2007	2181
STATE DEMAND MET	17675	17824	14982	15318
STATE DEMAND	17675	17824	14982	15318
Frequency (Hz)	50.03	49.97	49.96	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.76 Hz at 00.10 Hrs	49.98	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 13/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	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.07	87.00	480	435
Unit 9	11.14	110.97	480	420
Total	22.21	211.88		
Paras				
Unit 3	5.89	70.84	253	210
Unit 4	5.97	57.63	256	211
Total	11.86	128.46		
Khaparkheda				
Unit 1	3.16	3.17	170	30
Unit 2	4.29	7.24	185	160
Unit 3	4.50	8.04	197	159
Unit 4	4.07	4.17	190	110
Unit 5	8.80	55.96	420	175
Total	24.82	78.57		
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	6.80	91.70	302	269
Total	6.80	91.70		
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)	0.21	1.29	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.21	1.29		
Koyna				
Stage 1-2	4.18	67.28	510	45
Stage 4	7.88	79.10	1000	0
Stage 3	2.88	31.92	320	0
Total	14.93	178.30		
Hydro				
KDPH	0.89	10.89	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.30	5.70	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.40	80	0
RNGR+BHTSA	0.30	3.74	13	12
BHANDARDRA	0.63	6.99	27	26
ELDARY	0.36	3.07	15	14
SMLHY_PTN	0.58	7.36	34	21
GHATGHAR	0.00	0.00	0	0
Total	3.34	39.14		
Wind				
Total	9.43	143.87	0	0
Total	9.43	143.87		
CPP				
APML(Mus)	68.40	754.30	0	0
JSWEL(Mus)	16.80	183.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.46	71.75	0	0
Other(Mus)	8.73	107.06	0	0
Total	99.39	1116.49		
SOLAR				
Total	7.05	96.00	0	0
Total	7.05	96.00		
Tata				
Trombay 5	9.90	119.90	455	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	21.11	117	113
Trombay 7B	1.57	15.50	67	64
Trombay 8	0.00	54.82	0	0
TATA Hydro	6.04	39.58	364	126
Total	20.25	250.91		
AEML				
DTPS U-1&2	11.33	142.36	502	373
Total	11.33	142.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	58.90	753.55	MSPGCL Total	83.97	1062.69
			MSPGCL Thml+Gas	65.70	845.25	Koyna 1,2 & 4 Total	12.05	146.38
			MSPGCL Hydro	18.27	217.44	State Total	231.42	2812.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	2076	1704	289	4069	411	4150	0	0	6200	6301	-791	14140	0	14140	2124	16264	49.98
2	2150	1731	279	4160	378	4159	0	0	6102	5815	-712	13800	0	13800	2015	15815	50.00
3	2215	1452	299	3966	292	4091	0	0	6012	6006	-615	13740	0	13740	1922	15662	49.99
4	2295	1402	280	3977	242	4127	0	0	5995	5957	-567	13736	0	13736	1844	15580	49.89
5	2350	1323	281	3954	242	4128	0	0	6421	6387	-539	14172	0	14172	1799	15971	49.96
6	2430	999	302	3731	306	4117	0	0	7398	7254	-532	14876	0	14876	1800	16676	49.93
7	2504	964	283	3751	284	4157	0	25	8021	7967	-478	15706	0	15706	1761	17467	50.05
8	2561	878	282	3721	244	4131	0	175	7406	7348	-482	15137	0	15137	1760	16897	50.04
9	2596	900	298	3794	230	4147	0	432	6894	6860	-487	14976	0	14976	1828	16804	49.98
10	2593	1112	275	3980	226	4124	0	714	6893	6955	-514	15485	0	15485	1894	17379	49.96
11	2571	434	281	3286	264	4129	0	898	7154	7321	-504	15394	0	15394	1938	17332	50.08
12	2540	300	270	3110	250	4095	0	997	7759	7784	-516	15720	0	15720	1955	17675	50.03
13	2563	380	277	3220	278	4075	0	958	7850	7872	-530	15873	0	15873	1951	17824	49.97
14	2558	352	269	3179	291	4092	0	904	7876	7908	-708	15666	0	15666	1930	17596	49.97
15	2550	378	291	3219	383	4161	0	809	7963	7800	-642	15730	0	15730	1960	17690	49.93
16	2538	418	271	3227	574	4168	0	613	7781	7653	-546	15689	0	15689	1951	17640	49.95
17	2557	248	283	3088	520	4179	0	365	7312	7085	-493	14744	0	14744	1892	16636	50.00
18	2464	217	274	2955	470	4034	0	131	6627	6432	-652	13370	0	13370	1812	15182	50.04
19	2440	260	293	2993	402	4000	0	26	5774	5679	-660	12440	0	12440	1820	14260	50.01
20	2381	628	277	3286	958	4220	0	0	5288	5288	-777	12975	0	12975	2007	14982	49.96
21	2414	196	287	2897	558	4233	0	0	5283	5590	-754	12524	0	12524	1988	14512	49.98
22	2494	586	277	3357	591	4217	0	0	5321	5423	-765	12823	0	12823	2091	14914	49.98
23	2513	667	297	3477	611	4209	0	0	5794	5602	-762	13137	0	13137	2181	15318	49.88
24	2545	740	287	3572	426	4250	0	0	5979	6235	-808	13675	0	13675	2193	15868	50.02
MUs	58.90	18.27	6.80	83.97	9.43	99.39	0.00	7.05	161.10	160.52	-14.83	345.53	0.00	345.53	46.42	391.94	49.98

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 13/Apr/2020

Position as on 6.30 Hrs of 14/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	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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Apr/2020

Position as on 6.30 Hrs of 14/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 14/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
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 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	13/04/2020	05.54	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	13/04/2020	14.34	T	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	12/04/2020	18.25		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/04/2020	17.04		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	13/04/2020	17.21		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
Nandedcity-Parvati	IntraState	13/04/2020	12.43	13/04/2020	12.58	T	Distance Protection
Mudshingi-Wathar	IntraState	13/04/2020	16.07	13/04/2020	16.47	T	Distance Protection
Karad(400kv) - Wathar	IntraState	13/04/2020	16.07	13/04/2020	16.47	T	Distance Protection
Harangul-Parly	IntraState	14/04/2020	17.12	14/04/2020	20.20	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
Carnac : 220 / 110 / 33 315 MVA ICT	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS

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 13/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 14/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
5							