

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Apr/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	50.490	349.810	1) Gujrat	11.380	65.018
2) Hydro	9.444	100.060	2) Madhya Pradesh	16.917	103.951
3) Gas	8.580	44.032	3) Chattisgarh	7.800	48.370
Total MSPGCL	68.514	493.902	4) Maharashtra	128.055	684.762
B) 1) APLM	70.243	392.943	5) Goa (Amona)	0.000	0.000
2) JSWEL	12.288	68.293	Total	164.152	902.101
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.494	102.564
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	15.716	74.628
5) WPCL	5.675	33.217	c) MSEDCL Bilateral *	61.389	293.778
6) Other IPP	7.943	47.310	Include PX	43.021	189.405
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.494	102.564
C) 1) TPCL Thermal	11.241	84.809	Include PX	11.090	62.656
2) TPCL Hydro	3.463	15.617	Standby	0.000	0.000
3) TPCL Gas	2.527	15.312	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.371	66.237	1) MSEDCL	333.819	1974.269
D) STATE			2) Mumbai Discoms	43.318	256.603
1) Thermal	168.251	1042.619	TOTAL STATE	377.137	2230.872
(A1+C1+C4+(B1-B6))					
2) Hydro	12.907	115.677			
(A2+C2)					
3) Gas	11.107	59.344			
(A3+B7+C3)					
4) Wind	13.376	67.254			
6) SOLAR	7.344	43.877			
TOTAL STATE	212.985	1328.771			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2318	2325	1825	2030
MSPGCL Hydro	198	198	791	138
MSPGCL Gas	402	321	279	429
MSPGCL Total Generation	2918	2844	2895	2597
Central Sector Receipt	7692	8343	5468	6698
WIND	267	327	591	717
CPP / IPP Thermal	4207	3970	4034	3620
CPP / IPP Gas	0	0	0	0
SOLAR	956	933	0	0
Exchange with Mumbai	-505	-719	-467	-793
MSEDCL DEMAND MET	15535	15698	12521	12839
Load Shedding	0	0	0	0
MSEDCL DEMAND	15535	15698	12521	12839
TPCL GENERATION	829	667	970	564
AEML GENERATION	490	372	498	370
MUMBAI DEMAND	1824	1758	1935	1727
STATE DEMAND MET	17359	17456	14456	14566
STATE DEMAND	17359	17456	14456	14566
Frequency (Hz)	50.02	50.04	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 16.04 Hrs	49.82 Hz at 22.07 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 06/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	9.39	62.26	457	333
Unit 9	9.66	62.95	430	360
Unit 10	9.00	60.50	460	325
Total	28.06	185.70		
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	0.00	39.44	0	0
Unit 9	7.17	59.63	485	0
Total	7.17	99.07		
Paras				
Unit 3	5.34	31.71	255	190
Unit 4	0.00	23.22	0	0
Total	5.34	54.92		
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	9.93	10.12	490	200
Total	9.93	10.12		
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	8.58	44.03	429	274
Total	8.58	44.03		
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	0.65	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.65		
Koyna				
Stage 1-2	3.16	34.42	435	40
Stage 4	2.37	33.95	750	0
Stage 3	1.01	14.75	160	0
Total	6.54	83.13		
Hydro				
KDPH	0.89	4.67	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.48	2.82	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.48	50	0
RNGR+BHTSA	0.33	1.69	14	13
BHANDARDRA	0.48	2.80	21	20
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.65	3.54	27	26
GHATGHAR	0.00	0.00	0	0
Total	2.90	16.93		
Wind				
Total	13.38	67.25	0	0
Total	13.38	67.25		
CPP				
APML(Mus)	70.24	392.94	0	0
JSWEL(Mus)	12.29	68.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.68	33.22	0	0
Other(Mus)	7.94	47.31	0	0
Total	96.15	541.76		
SOLAR				
Total	7.34	43.88	0	0
Total	7.34	43.88		
Tata				
Trombay 5	6.47	53.80	474	179
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.41	8.53	60	58
Trombay 7B	1.12	6.78	47	45
Trombay 8	4.77	31.01	242	153
TATA Hydro	3.46	15.62	235	32
Total	17.23	115.74		
AEML				
DTPS U-1&2	10.37	66.24	502	370
Total	10.37	66.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	50.49	349.81	MSPGCL Total	68.51	493.90
			MSPGCL Thml+Gas	59.07	393.84	Koyna 1,2 & 4 Total	5.53	68.38
			MSPGCL Hydro	9.44	100.06	State Total	212.98	1328.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	1955	358	424	2737	1094	4258	0	0	5970	5645	-842	12892	0	12892	2032	14924	50.00
2	1975	265	425	2665	1044	4146	0	0	6198	5843	-818	12880	0	12880	1887	14767	49.98
3	2020	150	416	2586	843	3812	0	0	6486	6509	-813	12937	0	12937	1797	14734	49.99
4	2030	138	429	2597	717	3620	0	0	6495	6698	-793	12839	0	12839	1727	14566	50.00
5	2115	333	418	2866	622	3806	0	0	6613	6560	-770	13084	0	13084	1692	14776	50.01
6	2250	238	428	2916	645	4105	0	0	7137	7154	-768	14052	0	14052	1689	15741	50.00
7	2276	521	428	3225	556	4259	0	17	7672	7705	-680	15082	0	15082	1670	16752	49.99
8	2330	166	419	2915	564	4237	0	197	7479	7532	-541	14904	0	14904	1684	16588	50.05
9	2341	218	414	2973	382	4226	0	471	7099	7062	-577	14537	0	14537	1734	16271	49.99
10	2353	303	420	3076	282	4270	0	732	7037	7031	-575	14816	0	14816	1785	16601	50.00
11	2305	203	407	2915	289	4244	0	912	7216	7236	-553	15043	0	15043	1817	16860	50.04
12	2318	198	402	2918	267	4207	0	956	7964	7692	-505	15535	0	15535	1824	17359	50.02
13	2383	198	389	2970	309	4131	0	979	8279	7840	-646	15583	0	15583	1783	17366	49.99
14	2325	198	321	2844	327	3970	0	933	8275	8343	-719	15698	0	15698	1758	17456	50.04
15	2282	203	282	2767	415	3976	0	844	8336	8328	-680	15650	0	15650	1751	17401	49.99
16	2114	193	283	2590	455	4068	0	677	8206	8208	-663	15335	0	15335	1730	17065	50.05
17	2134	202	274	2610	497	4055	0	416	7567	7430	-644	14364	0	14364	1703	16067	50.02
18	1931	167	285	2383	556	4005	0	197	6722	6508	-631	13018	0	13018	1679	14697	50.00
19	1724	262	287	2273	519	3833	0	13	5954	6077	-657	12058	0	12058	1710	13768	49.99
20	1768	817	288	2873	550	4001	0	0	5428	5561	-546	12439	0	12439	1893	14332	50.00
21	1825	791	279	2895	591	4034	0	0	5392	5468	-467	12521	0	12521	1935	14456	49.99
22	1876	614	290	2780	651	3935	0	0	5543	5608	-508	12466	0	12466	1959	14425	49.99
23	1914	1271	291	3476	636	3502	0	0	5730	5864	-606	12872	0	12872	2014	14886	49.98
24	1946	1437	281	3664	565	3449	0	0	6048	6250	-714	13214	0	13214	2065	15279	50.01
MUs	50.49	9.44	8.58	68.51	13.38	96.15	0.00	7.34	164.85	164.15	-15.72	333.82	0.00	333.82	43.32	377.14	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 06/Apr/2020

Position as on 6.30 Hrs of 07/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 06/Apr/2020

Position as on 6.30 Hrs of 07/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		Continued.	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 3	210	26/03/2020	14.31	07/04/2020	11.57	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	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	31/03/2020	22.46		Continued.	No schedule.	
MSPGCL	Koyna Unit 6	80	04/04/2020	23.30		Continued.	PLC Problem	
MSPGCL	Chandrapur Unit-8	500	05/04/2020	00.00		Continued.	PA Fan problem	
MSPGCL	Paras Unit 4	250	05/04/2020	11.31		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 9	500	06/04/2020	17.30		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	06/04/2020	22.07		Continued.	APH 3A Hot PA Below Leakage.	
MSPGCL	Paras Unit 3	250	07/04/2020	01.50	07/04/2020	06.00	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 07/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
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
Padghe - Nagothane - I	IntraState	25/03/2020	16.10	07/04/2020	23.55	T	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
Babhaleshtar - Padghe-I	IntraState	02/04/2020	13.58	07/04/2020	21.02	T	Distance Protection.
Padghe - Kalwa- I	IntraState	05/04/2020	10.38	06/04/2020	00.17	EO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	05/04/2020	17.39		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	05/04/2020	18.25		Continued.	T	Distance Protection
Padghe - Kalwa-II	IntraState	06/04/2020	00.21		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	07/04/2020	13.22	07/04/2020	22.36	EO	Attending Hot Spot
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
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
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	06/04/2020	10.53	06/04/2020	21.23	PO	Relay Testing & Diagnostic Testing 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)
PARLY (PG) - OSMANABAD	InterState	06/04/2020	13.00	06/04/2020	15.00	T	Distance Protection
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 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	06/04/2020	19.30	T	B PH PT Burst At Indorama End.

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 06/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 07/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri (400 Kv)-Jejuri ckt-II	IntraState	05/04/2020	19.29	06/04/2020	22.42	T	Distance Protection
Talandage - Sawantwadi I	IntraState	06/04/2020	10.30	06/04/2020	12.30	T	Distance Protection
Butibori-Indorama	IntraState	06/04/2020	10.51	06/04/2020	23.53	EO	PT Replacement Work At Indorama End.
Nagothane-Wadkhal-I	IntraState	06/04/2020	11.32	06/04/2020	15.16	EO	Emergency Tree Cutting Work.
Deepnagar Khadaka 2	IntraState	06/04/2020	12.09	06/04/2020	16.39	EO	Distance Relay Testing Work
Solapur(Bale) - Tuljapur	IntraState	07/04/2020	10.19	07/04/2020	12.18	PO	Outage is required for quarterly maintenance.
Waluj-Padegaon I	IntraState	07/04/2020	12.47	07/04/2020	13.07	T	Y PH bus isolator hot spot.
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