

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	45.897	395.707	1) Gujrat	11.392	76.410
2) Hydro	23.232	123.292	2) Madhya Pradesh	16.384	120.335
3) Gas	6.917	50.949	3) Chattisgarh	7.580	55.950
Total MSPGCL	76.046	569.948	4) Maharashtra	128.076	812.838
B) 1) APML	58.241	380.941	5) Goa (Amona)	0.000	0.000
2) JSWEL	13.643	81.936	Total	163.432	1065.533
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.067	121.630
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	11.134	85.762
5) WPCL	5.681	38.898	c) MSEDCL Bilateral *	54.524	348.301
6) Other IPP	8.081	55.391	Include PX	33.813	223.218
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.067	121.630
C) 1) TPCL Thermal	16.094	100.903	Include PX	11.341	73.996
2) TPCL Hydro	1.737	17.354	Standby	0.000	0.000
3) TPCL Gas	2.515	17.827	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.743	77.980	1) MSEDCL	337.929	2241.955
D) STATE			2) Mumbai Discoms	43.223	299.826
1) Thermal	159.380	1131.756	TOTAL STATE	381.152	2541.781
(A1+C1+C4+(B1-B6))					
2) Hydro	24.969	140.646			
(A2+C2)					
3) Gas	9.432	68.776			
(A3+B7+C3)					
4) Wind	16.371	83.625			
6) SOLAR	7.568	51.445			
TOTAL STATE	217.720	1476.248			

* 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	1876	1939	2060	2036
MSPGCL Hydro	1070	399	605	364
MSPGCL Gas	283	271	288	292
MSPGCL Total Generation	3229	2609	2953	2692
Central Sector Receipt	8010	8462	5412	6049
WIND	269	430	1194	991
CPP / IPP Thermal	3461	3529	3628	3630
CPP / IPP Gas	0	0	0	0
SOLAR	1013	1015	0	0
Exchange with Mumbai	-386	-444	-606	-559
MSEDCL DEMAND MET	15596	15601	12581	12803
Load Shedding	0	0	0	0
MSEDCL DEMAND	15596	15601	12581	12803
TPCL GENERATION	951	914	785	907
AEML GENERATION	497	499	438	500
MUMBAI DEMAND	1834	1857	1829	1966
STATE DEMAND MET	17430	17458	14410	14769
STATE DEMAND	17430	17458	14410	14769
Frequency (Hz)	50.01	49.99	50.04	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.01 Hrs	49.83 Hz at 00.07 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 07/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	10.71	72.96	471	400
Unit 9	9.93	72.88	480	351
Unit 10	8.64	69.14	430	300
Total	29.28	214.98		
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	1.44	1.44	178	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	0.00	59.63	0	0
Total	1.44	100.50		
Paras				
Unit 3	4.62	36.32	255	0
Unit 4	0.00	23.22	0	0
Total	4.62	59.54		
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	10.56	20.68	490	390
Total	10.56	20.68		
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	6.92	50.95	302	271
Total	6.92	50.95		
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)	0.06	0.70	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.70		
Koyna				
Stage 1-2	5.96	40.38	490	35
Stage 4	10.06	44.01	994	0
Stage 3	3.96	18.71	320	0
Total	19.98	103.10		
Hydro				
KDPH	0.89	5.56	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	3.24	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.56	57	0
RNGR+BHTSA	0.33	2.02	14	13
BHANDARDRA	0.48	3.28	34	13
ELDARY	0.36	1.29	15	14
SMLHY_PTN	0.71	4.25	39	27
GHATGHAR	0.00	0.00	0	0
Total	3.26	20.19		
Wind				
Total	16.37	83.62	0	0
Total	16.37	83.62		
CPP				
APML(Mus)	58.24	380.94	0	0
JSWEL(Mus)	13.64	81.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.68	38.90	0	0
Other(Mus)	8.08	55.39	0	0
Total	85.65	557.17		
SOLAR				
Total	7.57	51.44	0	0
Total	7.57	51.44		
Tata				
Trombay 5	10.50	64.30	478	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.41	9.94	60	58
Trombay 7B	1.10	7.88	47	45
Trombay 8	5.60	36.61	241	161
TATA Hydro	1.74	17.35	162	0
Total	20.35	136.08		
AEML				
DTPS U-1&2	11.74	77.98	500	371
Total	11.74	77.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	45.90	395.71	MSPGCL Total	76.05	569.95
			MSPGCL Thml+Gas	52.81	446.66	Koyna 1,2 & 4 Total	16.02	84.39
			MSPGCL Hydro	23.23	123.29	State Total	217.72	1476.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	1726	291	3972	529	3441	0	0	6055	6224	-704	13462	0	13462	2024	15486	49.93
2	1893	1628	302	3823	499	3461	0	0	6299	6280	-555	13508	0	13508	1877	15385	50.02
3	1658	1367	284	3309	527	3460	0	0	6384	6449	-485	13260	0	13260	1800	15060	50.04
4	1644	1357	293	3294	445	3493	0	0	6343	6361	-429	13164	0	13164	1727	14891	50.06
5	1648	1422	294	3364	494	3524	0	0	6708	6697	-393	13686	0	13686	1678	15364	49.98
6	1617	1538	294	3449	578	3634	0	0	7100	7281	-392	14550	0	14550	1676	16226	49.97
7	1751	1926	295	3972	475	3671	0	24	7387	7244	-364	15022	0	15022	1649	16671	50.01
8	1847	1715	296	3858	343	3659	0	202	7331	7382	-367	15077	0	15077	1656	16733	50.03
9	1895	1715	292	3902	349	3657	0	504	6906	7050	-388	15074	0	15074	1721	16795	49.96
10	1900	1943	290	4133	240	3539	0	760	6698	6834	-397	15109	0	15109	1794	16903	49.98
11	1835	1518	287	3640	292	3450	0	936	6983	7112	-417	15013	0	15013	1833	16846	50.05
12	1876	1070	283	3229	269	3461	0	1013	8058	8010	-386	15596	0	15596	1834	17430	50.01
13	1939	399	271	2609	430	3529	0	1015	8582	8462	-444	15601	0	15601	1857	17458	49.99
14	1975	373	292	2640	466	3569	0	947	8258	8275	-420	15477	0	15477	1823	17300	50.01
15	1975	246	272	2493	579	3553	0	854	8215	8253	-397	15335	0	15335	1788	17123	49.98
16	2040	290	281	2611	764	3572	0	680	8020	7912	-393	15146	0	15146	1759	16905	49.99
17	2103	195	274	2572	1088	3590	0	441	7195	7099	-379	14411	0	14411	1729	16140	50.04
18	2093	205	285	2583	1287	3609	0	173	6345	6318	-428	13542	0	13542	1706	15248	50.04
19	2056	168	286	2510	1385	3596	0	19	5393	5786	-648	12648	0	12648	1679	14327	50.01
20	2060	605	288	2953	1194	3628	0	0	5149	5412	-606	12581	0	12581	1829	14410	50.04
21	2061	284	290	2635	1026	3648	0	0	5285	5495	-466	12338	0	12338	1903	14241	50.02
22	2018	519	291	2828	1088	3629	0	0	5298	5396	-496	12445	0	12445	1924	14369	50.01
23	2036	364	292	2692	991	3630	0	0	5597	6049	-559	12803	0	12803	1966	14769	50.03
24	2022	659	294	2975	1033	3643	0	0	5847	6051	-621	13081	0	13081	1991	15072	49.98
MUs	45.90	23.23	6.92	76.05	16.37	85.65	0.00	7.57	161.44	163.43	-11.13	337.93	0.00	337.93	43.22	381.15	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 07/Apr/2020

Position as on 6.30 Hrs of 08/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 07/Apr/2020

Position as on 6.30 Hrs of 08/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	08/04/2020	20.28	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	08/04/2020	01.34	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	
MSPGCL	Uran Unit B0	120	08/04/2020	05.22	08/04/2020	08.13	Boiler tripped protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 08/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	08/04/2020	08.36	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 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
Babhaleshtar - Padghe-I	IntraState	02/04/2020	13.58	07/04/2020	21.02	T	Distance Protection.
Bhusawal-Aurangabad	IntraState	05/04/2020	17.39		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	05/04/2020	18.25	08/04/2020	11.46	T	Distance Protection
Padghe - Kalwa-II	IntraState	06/04/2020	00.21		Continued.	HT	Over Voltage
Jejuri- Koyanastage-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
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
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.
Gadchandur - Grace	IntraState	08/04/2020	07.39	08/04/2020	09.22	EO	Y Phase Sparking on Isolator
220 KV ICT Outages/Trippings							

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 07/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 08/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS