

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Apr/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	51.441	447.148	1) Gujrat	10.405	86.815
2) Hydro	11.372	134.664	2) Madhya Pradesh	17.043	137.378
3) Gas	6.774	57.723	3) Chattisgarh	8.160	64.110
Total MSPGCL	69.587	639.535	4) Maharashtra	138.878	951.716
B) 1) APML	54.179	435.120	5) Goa (Amona)	0.000	0.000
2) JSWEL	14.326	96.262	Total	174.486	1240.019
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.453	141.083
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	14.156	99.918
5) WPCL	5.511	44.409	c) MSEDCL Bilateral *	71.670	419.971
6) Other IPP	7.849	63.240	Include PX	49.363	272.582
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.453	141.083
C) 1) TPCL Thermal	13.208	114.111	Include PX	4.813	78.809
2) TPCL Hydro	2.125	19.479	Standby	0.000	0.000
3) TPCL Gas	2.541	20.368	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.228	88.208	1) MSEDCL	335.873	2577.828
D) STATE			2) Mumbai Discoms	42.258	342.084
1) Thermal	156.742	1288.498	TOTAL STATE	378.131	2919.912
(A1+C1+C4+(B1-B6))					
2) Hydro	13.497	154.143			
(A2+C2)					
3) Gas	9.315	78.091			
(A3+B7+C3)					
4) Wind	15.895	99.520			
6) SOLAR	8.196	59.641			
TOTAL STATE	203.645	1679.893			

* 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 4 Hrs
MSPGCL Thermal	2179	2154	2211	2106
MSPGCL Hydro	277	422	720	139
MSPGCL Gas	285	272	287	294
MSPGCL Total Generation	2741	2848	3218	2539
Central Sector Receipt	8454	8428	6351	6958
WIND	373	485	746	787
CPP / IPP Thermal	3450	3355	3180	3617
CPP / IPP Gas	0	0	0	0
SOLAR	1080	1079	0	0
Exchange with Mumbai	-652	-702	-723	-739
MSEDCL DEMAND MET	15446	15493	12772	13162
Load Shedding	0	0	0	0
MSEDCL DEMAND	15446	15493	12772	13162
TPCL GENERATION	757	715	749	531
AEML GENERATION	380	375	371	369
MUMBAI DEMAND	1789	1792	1843	1639
STATE DEMAND MET	17235	17285	14615	14801
STATE DEMAND	17235	17285	14615	14801
Frequency (Hz)	50.00	49.98	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.02 Hrs	49.79 Hz at 00.08 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 08/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	8.56	81.52	420	270
Unit 9	9.52	82.40	442	350
Unit 10	9.07	78.21	400	370
Total	27.15	242.13		
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	4.36	5.80	190	163
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	4.36	104.86		
Paras				
Unit 3	5.54	41.86	254	176
Unit 4	4.65	27.86	250	0
Total	10.18	69.72		
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	9.75	30.43	480	360
Total	9.75	30.43		
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	6.77	57.72	300	239
Total	6.77	57.72		
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	0.76	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.76		
Koyna				
Stage 1-2	5.09	45.47	460	35
Stage 4	1.86	45.87	500	0
Stage 3	1.45	20.16	160	0
Total	8.40	111.50		
Hydro				
KDPH	0.89	6.45	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.48	3.72	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.64	40	0
RNGR+BHTSA	0.33	2.34	14	13
BHANDARDRA	0.52	3.80	34	13
ELDARY	0.36	1.65	15	14
SMLHY_PTN	0.32	4.57	23	10
GHATGHAR	0.00	0.00	0	0
Total	2.97	23.16		
Wind				
Total	15.90	99.52	0	0
Total	15.90	99.52		
CPP				
APML(Mus)	54.18	435.12	0	0
JSWEL(Mus)	14.33	96.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.51	44.41	0	0
Other(Mus)	7.85	63.24	0	0
Total	81.86	639.03		
SOLAR				
Total	8.20	59.64	0	0
Total	8.20	59.64		
Tata				
Trombay 5	8.60	72.90	474	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	11.37	60	58
Trombay 7B	1.11	9.00	47	45
Trombay 8	4.60	41.21	240	153
TATA Hydro	2.12	19.48	221	6
Total	17.87	153.96		
AEML				
DTPS U-1&2	10.23	88.21	500	369
Total	10.23	88.21		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	51.44	447.15	MSPGCL Total	69.59	639.54
			MSPGCL Thml+Gas	58.22	504.87	Koyna 1,2 & 4 Total	6.95	91.34
			MSPGCL Hydro	11.37	134.66	State Total	203.64	1679.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	1975	513	293	2781	927	3639	0	0	6465	6688	-630	13405	0	13405	1939	15344	49.97
2	1980	258	293	2531	841	3641	0	0	6959	7157	-742	13428	0	13428	1781	15209	49.94
3	2060	388	296	2744	819	3650	0	0	6890	6925	-802	13336	0	13336	1697	15033	50.01
4	2106	139	294	2539	787	3617	0	0	6972	6958	-739	13162	0	13162	1639	14801	50.00
5	2158	457	297	2912	663	3596	0	0	7011	7114	-646	13639	0	13639	1616	15255	49.93
6	2221	861	270	3352	719	3566	0	0	7352	7449	-382	14704	0	14704	1664	16368	50.02
7	2244	1148	251	3643	534	3580	0	34	7849	7682	-343	15130	0	15130	1635	16765	50.00
8	2201	884	239	3324	426	3580	0	221	7826	7809	-326	15034	0	15034	1628	16662	50.03
9	2152	597	274	3023	500	3529	0	544	7767	7683	-400	14879	0	14879	1712	16591	50.01
10	2161	634	290	3085	381	3525	0	792	7639	7516	-408	14891	0	14891	1791	16682	50.01
11	2229	318	285	2832	337	3573	0	1015	7966	7758	-423	15092	0	15092	1830	16922	50.02
12	2179	277	285	2741	373	3450	0	1080	8556	8454	-652	15446	0	15446	1789	17235	50.00
13	2154	422	272	2848	485	3355	0	1079	8443	8428	-702	15493	0	15493	1792	17285	49.98
14	2050	212	282	2544	678	3152	0	1039	8631	8569	-699	15283	0	15283	1753	17036	50.00
15	2033	191	291	2515	745	3078	0	954	8506	8430	-711	15011	0	15011	1742	16753	49.99
16	2011	170	272	2453	791	3095	0	742	8446	8196	-679	14598	0	14598	1713	16311	49.92
17	2097	231	283	2611	757	3073	0	504	7818	7821	-634	14132	0	14132	1696	15828	50.02
18	2191	346	273	2810	916	3250	0	184	6910	6779	-613	13326	0	13326	1673	14999	49.99
19	2119	166	286	2571	776	3131	0	8	6274	6173	-618	12041	0	12041	1685	13726	50.02
20	2211	720	287	3218	746	3180	0	0	5843	6351	-723	12772	0	12772	1843	14615	50.04
21	2258	425	289	2972	693	3414	0	0	5758	5844	-720	12203	0	12203	1865	14068	49.99
22	2231	655	279	3165	613	3394	0	0	5680	5842	-494	12520	0	12520	1899	14419	49.99
23	2211	695	300	3206	698	3396	0	0	6195	6152	-493	12959	0	12959	1920	14879	49.97
24	2209	665	293	3167	690	3401	0	0	6566	6708	-577	13389	0	13389	1956	15345	50.02
MUs	51.44	11.37	6.77	69.59	15.90	81.86	0.00	8.20	174.32	174.49	-14.16	335.87	0.00	335.87	42.26	378.13	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 08/Apr/2020

Position as on 6.30 Hrs of 09/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 08/Apr/2020

Position as on 6.30 Hrs of 09/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 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	09/04/2020	12.30	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	09/04/2020	06.24	Boiler Tube Leakage	
IPP	Adani U-3	660	06/04/2020	22.07		Continued.	APH 3A Hot PA Below Leakage.	
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 08/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 09/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- Bableshwar - 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-Khaperkhedda 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
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
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
Jejuri- Koynastage-IV	IntraState	09/04/2020	08.52	09/04/2020	14.52	PO	Insulator Replacement Work
karad -kolhapur-II	IntraState	09/04/2020	18.35		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
400/220KV 500MVA ICT-I @Nanded	IntraState	09/04/2020	10.38	09/04/2020	18.10	PO	Attend Hot Spot On R-Ph LV Bushing.
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	09/04/2020	17.55	09/04/2020	20.07	PO	Oil Topup.
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
Gadchandur - Grace	IntraState	08/04/2020	07.39	08/04/2020	09.22	EO	Y Phase Sparking on Isolator
Pophali - Nerale	IntraState	09/04/2020	15.05	09/04/2020	15.54	PO	R-Phase Breaker Gas Filling Work.

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 08/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 09/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
132 KV LINE Outages/Trippings							
Bhandara-Madgi-li	IntraState	09/04/2020	07.43	09/04/2020	09.14	T	Backup Protection
Kaulewada-Madgi-I	IntraState	09/04/2020	07.43	09/04/2020	08.39	T	Distance Protection
Bhandara-Madgi-I	IntraState	09/04/2020	07.43	09/04/2020	09.13	T	Backup Protection (16MVA T/F Caught Fire).
Kaulewada-Madgi-li	IntraState	09/04/2020	07.43	09/04/2020	08.42	T	Distance Protection
Solapur II(Bale)-Naldurg	IntraState	09/04/2020	15.40	09/04/2020	18.31	PO	Tree Cutting.