

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Oct/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.346	522.650	1) Gujrat	2.645	27.333
2) Hydro	8.190	26.188	2) Madhya Pradesh	0.759	8.359
3) Gas	6.550	23.203	3) Chattisgarh	4.940	20.350
Total MSPGCL	146.086	572.041	4) Maharashtra	120.504	490.026
B) 1) APLM	57.042	220.691	5) Goa (Amona)	-1.115	-5.259
2) JSWEL	21.658	91.419	Total	127.733	540.809
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.874	84.086
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.345	101.862
5) WPCL	2.706	10.787	c) MSEDCL Bilateral *	34.190	128.967
6) Other IPP	9.078	35.016	Include PX	6.696	20.891
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.874	84.086
C) 1) TPCL Thermal	8.101	31.858	Include PX	5.147	27.020
2) TPCL Hydro	1.885	10.798	Standby	0.000	0.000
3) TPCL Gas	4.372	17.511	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.961	38.958	1) MSEDCL	365.578	1444.956
D) STATE			2) Mumbai Discoms	45.664	200.986
1) Thermal	239.892	951.379	TOTAL STATE	411.242	1645.942
(A1+C1+C4+(B1-B6))					
2) Hydro	10.075	36.986			
(A2+C2)					
3) Gas	10.922	40.714			
(A3+B7+C3)					
4) Wind	15.891	50.083			
6) SOLAR	6.729	25.972			
TOTAL STATE	283.509	1105.134			

* 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	5663	5656	5333	5323
MSPGCL Hydro	387	342	1406	63
MSPGCL Gas	267	278	257	269
MSPGCL Total Generation	6317	6276	6996	5655
Central Sector Receipt	6248	6027	4812	4646
WIND	361	351	630	861
CPP / IPP Thermal	3813	3796	3846	3457
CPP / IPP Gas	0	0	0	0
SOLAR	984	942	0	0
Exchange with Mumbai	-1194	-1209	-542	-834
MSEDCL DEMAND MET	16529	16183	15742	13785
Load Shedding	0	0	0	0
MSEDCL DEMAND	16529	16183	15742	13785
TPCL GENERATION	497	500	1034	490
AEML GENERATION	357	355	501	370
MUMBAI DEMAND	2048	2064	2077	1694
STATE DEMAND MET	18577	18247	17819	15479
STATE DEMAND	18577	18247	17819	15479
Frequency (Hz)	49.99	49.99	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.02 Hrs	49.89 Hz at 18.12 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 04/Oct/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	12.41	44.58	604	435
Unit 9	10.08	42.39	499	360
Unit 10	8.87	36.14	400	340
Total	31.37	123.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.48	39.68	480	360
Unit 5	9.96	39.14	475	355
Total	20.45	78.83		
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	2.16	0	0
Unit 4	0.71	11.48	147	0
Unit 5	10.13	40.16	430	415
Unit 6	9.85	38.95	430	372
Unit 7	0.00	0.00	0	0
Unit 8	10.52	42.17	450	430
Unit 9	10.76	42.64	465	420
Total	41.97	177.55		
Paras				
Unit 3	5.23	20.43	239	170
Unit 4	5.45	20.92	252	190
Total	10.68	41.35		
Khaparkheda				
Unit 1	3.80	14.28	165	145
Unit 2	4.14	16.22	180	165
Unit 3	4.08	15.10	185	150
Unit 4	3.92	15.12	170	155
Unit 5	10.93	41.10	490	430
Total	26.88	101.82		
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	6.55	23.20	289	257
Total	6.55	23.20		
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)	1.11	3.37	48	43

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.11	3.37		
Koyna				
Stage 1-2	3.50	11.50	525	40
Stage 4	1.35	3.12	506	0
Stage 3	1.00	3.52	160	0
Total	5.85	18.15		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.25	0.49	60	0
TILLARI	0.43	2.24	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	1.14	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.54	2.15	23	22
SMLHY_PTN	0.02	0.19	1	0
GHATGHAR	0.89	0.90	125	0
Total	2.34	8.03		
Wind				
Total	15.89	50.08	0	0
Total	15.89	50.08		
CPP				
APML(Mus)	57.04	220.69	0	0
JSWEL(Mus)	21.66	91.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.71	10.79	0	0
Other(Mus)	9.08	35.02	0	0
Total	90.48	357.91		
SOLAR				
Total	6.73	25.97	0	0
Total	6.73	25.97		
Tata				
Trombay 5	8.10	31.86	416	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	11.22	117	116
Trombay 7B	1.56	6.29	66	64
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.88	10.80	459	2
Total	14.36	60.17		
AEML				
DTPS U-1&2	9.96	38.96	501	355
Total	9.96	38.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.35	522.65	MSPGCL Total	146.09	572.04
			MSPGCL Thml+Gas	137.90	545.85	Koyna 1,2 & 4 Total	4.85	14.63
			MSPGCL Hydro	8.19	26.19	State Total	283.51	1105.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Oct/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	5629	83	268	5980	709	3878	0	0	4697	4629	-1124	14072	0	14072	1971	16043	50.01
2	5526	68	278	5872	862	3767	0	0	4659	4457	-1025	13933	0	13933	1874	15807	50.00
3	5349	73	278	5700	878	3431	0	0	4588	4648	-927	13730	0	13730	1777	15507	50.00
4	5323	63	269	5655	861	3457	0	0	4522	4646	-834	13785	0	13785	1694	15479	50.00
5	5310	168	278	5756	916	3602	0	0	4469	4717	-774	14217	0	14217	1635	15852	49.99
6	5389	353	279	6021	806	3848	0	0	4761	4921	-679	14917	0	14917	1662	16579	50.02
7	5445	494	269	6208	728	3857	0	21	5696	5815	-564	16065	0	16065	1660	17725	50.00
8	5538	173	289	6000	614	3859	0	215	6348	6305	-633	16360	0	16360	1696	18056	50.03
9	5537	122	279	5938	488	3812	0	502	6399	6179	-871	16048	0	16048	1772	17820	50.00
10	5511	127	278	5916	461	3613	0	784	6274	6548	-1044	16278	0	16278	1891	18169	50.01
11	5481	258	269	6008	398	3640	0	860	6227	6480	-1166	16220	0	16220	2004	18224	50.02
12	5663	387	267	6317	361	3813	0	984	6065	6248	-1194	16529	0	16529	2048	18577	49.99
13	5656	342	278	6276	351	3796	0	942	5861	6027	-1209	16183	0	16183	2064	18247	49.99
14	5628	305	267	6200	501	3802	0	827	5791	5469	-1178	15621	0	15621	2014	17635	50.03
15	5479	149	267	5895	540	3891	0	699	5731	5837	-1089	15773	0	15773	1969	17742	50.03
16	5487	125	267	5879	601	3848	0	497	5738	5784	-865	15744	0	15744	1937	17681	50.03
17	5477	229	277	5983	631	3803	0	310	5483	5273	-756	15244	0	15244	1892	17136	50.01
18	5458	481	267	6206	679	3801	0	88	5218	5060	-670	15164	0	15164	1902	17066	50.02
19	5418	919	278	6615	705	3830	0	0	5030	5161	-561	15750	0	15750	2030	17780	50.03
20	5333	1406	257	6996	630	3846	0	0	4946	4812	-542	15742	0	15742	2077	17819	50.03
21	5355	960	278	6593	710	3835	0	0	4521	4612	-509	15241	0	15241	2053	17294	50.00
22	5442	421	278	6141	674	3763	0	0	4767	4839	-895	14522	0	14522	2021	16543	50.00
23	5532	302	268	6102	884	3839	0	0	4763	4688	-1090	14423	0	14423	2014	16437	50.04
24	5380	182	267	5829	903	3853	0	0	4800	4578	-1146	14017	0	14017	2007	16024	50.03
MUs	131.35	8.19	6.55	146.09	15.89	90.48	0.00	6.73	127.35	127.73	-21.35	365.58	0.00	365.58	45.66	411.24	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 04/Oct/2020

Position as on 6.30 Hrs of 05/Oct/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	
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	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	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-2	660	01/09/2020	19.41	05/10/2020	02.25	Air pre-heater PA Bellow leakage.	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Chandrapur Unit 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Oct/2020

Position as on 6.30 Hrs of 05/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	04/10/2020	05.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 05/Oct/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 Khandwa II	InterState	23/09/2020	17.54		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/10/2020	16.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Bus Coupler @ Kharghar	IntraState	02/10/2020	11.24	04/10/2020	19.06	PO	1)For replacement of quadraple bus conductor span between 400kv Talegaon & Kalwa line of 400kv 'A' Bus.
Dhule- Bableshwar - I	IntraState	03/10/2020	19.53		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/10/2020	22.16	04/10/2020	09.37	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	04/10/2020	10.08	04/10/2020	16.24	EO	Replacement of damaged bus conductor.
Khadka-Aurangabad (Waluj)	IntraState	04/10/2020	16.22		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	04/10/2020	17.54		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
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)
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	04/10/2020	17.18	04/10/2020	21.07	T	To attend hot spot on bushing.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage