

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Oct/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.750	653.400	1) Gujrat	2.631	29.964
2) Hydro	9.623	35.811	2) Madhya Pradesh	5.149	13.508
3) Gas	4.934	28.137	3) Chattisgarh	5.750	26.100
Total MSPGCL	145.307	717.348	4) Maharashtra	116.984	607.010
B) 1) APMIL	67.810	288.501	5) Goa (Amona)	-1.619	-6.878
2) JSWEL	25.290	116.709	Total	128.895	669.704
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.880	107.965
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.696	126.558
5) WPCL	2.730	13.517	c) MSEDCL Bilateral *	32.463	161.431
6) Other IPP	9.570	44.586	Include PX	5.460	26.351
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.880	107.965
C) 1) TPCL Thermal	9.131	40.989	Include PX	7.774	34.793
2) TPCL Hydro	3.855	14.653	Standby	0.000	0.000
3) TPCL Gas	4.328	21.839	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.290	49.248	1) MSEDCL	376.242	1821.198
D) STATE			2) Mumbai Discoms	52.300	253.286
1) Thermal	255.571	1206.950	TOTAL STATE	428.542	2074.484
(A1+C1+C4+(B1-B6))					
2) Hydro	13.478	50.464			
(A2+C2)					
3) Gas	9.262	49.976			
(A3+B7+C3)					
4) Wind	14.368	64.451			
6) SOLAR	6.968	32.940			
TOTAL STATE	299.647	1404.781			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5513	5518	5482	5326
MSPGCL Hydro	246	825	1596	63
MSPGCL Gas	265	128	140	279
MSPGCL Total Generation	6024	6471	7218	5668
Central Sector Receipt	6648	5923	5193	4282
WIND	384	313	521	1034
CPP / IPP Thermal	4688	4580	4624	3636
CPP / IPP Gas	0	0	0	0
SOLAR	987	526	0	0
Exchange with Mumbai	-1628	-1102	-784	-894
MSEDCL DEMAND MET	17103	16711	16772	13726
Load Shedding	0	0	0	0
MSEDCL DEMAND	17103	16711	16772	13726
TPCL GENERATION	649	933	1097	456
AEML GENERATION	373	498	502	370
MUMBAI DEMAND	2650	2533	2383	1720
STATE DEMAND MET	19753	19244	19155	15446
STATE DEMAND	19753	19244	19155	15446
Frequency (Hz)	49.99	49.96	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 22:01 Hrs	49.7 Hz at 18:12 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 05/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	14.34	58.91	660	539
Unit 9	9.48	51.86	492	266
Unit 10	8.85	44.98	400	330
Total	32.66	155.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.09	49.78	465	360
Unit 5	10.32	49.46	490	360
Total	20.41	99.24		
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	0.00	11.48	0	0
Unit 5	9.79	49.95	425	390
Unit 6	10.04	48.99	430	373
Unit 7	0.00	0.00	0	0
Unit 8	10.60	52.76	450	430
Unit 9	10.52	53.17	460	406
Total	40.95	218.50		
Paras				
Unit 3	4.79	25.21	227	169
Unit 4	5.13	26.05	252	110
Total	9.92	51.26		
Khaparkheda				
Unit 1	3.63	17.92	165	110
Unit 2	4.22	20.44	185	160
Unit 3	4.19	19.29	185	160
Unit 4	3.98	19.09	185	150
Unit 5	10.80	51.90	480	410
Total	26.81	128.63		
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	4.93	28.14	279	120
Total	4.93	28.14		
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)	0.98	4.35	52	25

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.98	4.35		
Koyna				
Stage 1-2	3.78	15.28	520	40
Stage 4	2.80	5.93	754	0
Stage 3	1.72	5.25	320	0
Total	8.30	26.45		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.45	2.70	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	1.46	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.53	2.68	22	21
SMLHY_PTN	0.02	0.22	2	1
GHATGHAR	0.00	0.90	0	0
Total	1.32	9.36		
Wind				
Total	14.37	64.45	0	0
Total	14.37	64.45		
CPP				
APML(Mus)	67.81	288.50	0	0
JSWEL(Mus)	25.29	116.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.73	13.52	0	0
Other(Mus)	9.57	44.59	0	0
Total	105.40	463.31		
SOLAR				
Total	6.97	32.94	0	0
Total	6.97	32.94		
Tata				
Trombay 5	9.13	40.99	472	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	13.99	117	103
Trombay 7B	1.56	7.85	66	61
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.86	14.65	459	1
Total	17.31	77.48		
AEML				
DTPS U-1&2	10.29	49.25	502	369
Total	10.29	49.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.75	653.40	MSPGCL Total	145.31	717.35
			MSPGCL Thml+Gas	135.68	681.54	Koyna 1,2 & 4 Total	6.58	21.21
			MSPGCL Hydro	9.62	35.81	State Total	299.65	1404.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	5263	109	278	5650	1068	3704	0	0	4696	4699	-1042	14079	0	14079	1925	16004	50.00
2	5351	68	268	5687	991	3634	0	0	4554	4551	-969	13894	0	13894	1809	15703	50.00
3	5326	63	279	5668	1034	3636	0	0	4422	4282	-894	13726	0	13726	1720	15446	50.01
4	5209	73	278	5560	1006	3664	0	0	4328	4447	-825	13852	0	13852	1657	15509	50.01
5	5265	68	268	5601	952	4046	0	0	4327	4595	-795	14399	0	14399	1625	16024	49.98
6	5404	63	279	5746	832	4297	0	0	4998	4866	-713	15028	0	15028	1672	16700	50.01
7	5383	73	269	5725	720	4469	0	25	5815	5488	-649	15778	0	15778	1731	17509	50.02
8	5455	97	278	5830	542	4507	0	226	6244	6345	-768	16682	0	16682	1873	18555	49.99
9	5445	167	268	5880	577	4580	0	512	6027	6101	-956	16694	0	16694	2131	18825	50.03
10	5469	246	277	5992	444	4548	0	797	6215	6301	-1407	16675	0	16675	2396	19071	50.01
11	5514	241	267	6022	420	4693	0	889	6521	6431	-1635	16820	0	16820	2580	19400	50.01
12	5513	246	265	6024	384	4688	0	987	6640	6648	-1628	17103	0	17103	2650	19753	49.99
13	5510	173	213	5896	431	4641	0	990	6517	6049	-1490	16517	0	16517	2553	19070	49.97
14	5431	222	120	5773	320	4500	0	898	6408	6411	-1459	16443	0	16443	2466	18909	50.00
15	5343	458	151	5952	358	4524	0	729	6237	6368	-1326	16605	0	16605	2509	19114	49.99
16	5518	825	128	6471	313	4580	0	526	5882	5923	-1102	16711	0	16711	2533	19244	49.96
17	5658	1080	138	6876	318	4580	0	302	5484	5572	-1007	16641	0	16641	2499	19140	49.94
18	5621	1236	130	6987	309	4639	0	87	5065	5091	-882	16231	0	16231	2418	18649	49.95
19	5597	1485	120	7202	326	4622	0	0	4868	5182	-811	16521	0	16521	2406	18927	49.88
20	5482	1596	140	7218	521	4624	0	0	4907	5193	-784	16772	0	16772	2383	19155	50.03
21	5511	551	130	6192	665	4606	0	0	4898	4466	-747	15182	0	15182	2278	17460	50.03
22	5490	243	130	5863	681	4583	0	0	4872	4712	-785	15054	0	15054	2202	17256	50.02
23	5483	167	130	5780	620	4601	0	0	4893	4721	-1015	14707	0	14707	2154	16861	49.98
24	5509	73	130	5712	536	4434	0	0	4766	4453	-1007	14128	0	14128	2130	16258	49.95
MUs	130.75	9.62	4.93	145.31	14.37	105.40	0.00	6.97	129.58	128.90	-24.70	376.24	0.00	376.24	52.30	428.54	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 05/Oct/2020

Position as on 6.30 Hrs of 06/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 B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	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	06/10/2020	07.33	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	Koyna STG-IV Unit-2	250	01/10/2020	09.00		Continued.	Breaker Work	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Oct/2020

Position as on 6.30 Hrs of 06/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 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	
MSPGCL	Chandrapur Unit 4	210	04/10/2020	05.00		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	05/10/2020	12.44	05/10/2020	15.42	Heavy jerk due to Bus Fault At Bhandup Gis.	
MSPGCL	Uran Unit 5	108	05/10/2020	16.47		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 06/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	05/10/2020	11.45	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/10/2020	16.30	05/10/2020	10.54	HT	Over Voltage
Dabhol Nagothane II	InterState	05/10/2020	11.47	05/10/2020	16.05	EO	Attending Hot Spot at Y-Ph CT clamp.
Dhule Sar'Sarovar I	InterState	05/10/2020	18.23		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).
Dhule- Bableshwar - I	IntraState	03/10/2020	19.53	05/10/2020	09.16	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/10/2020	16.22	05/10/2020	07.48	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	04/10/2020	17.54	05/10/2020	12.12	HT	Over Voltage
karad -kolhapur-II	IntraState	05/10/2020	14.27	05/10/2020	15.56	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	05/10/2020	17.20		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	05/10/2020	21.13		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
400/220kv 315MVA ICT 2 @ Chandrapur GCR	IntraState	05/10/2020	13.29	05/10/2020	17.20	EO	Attending CTR DC Leakage.
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	05/10/2020	09.12	05/10/2020	18.19	PO	Vibration damper fixing work.
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
Nerul-Trombay	IntraState	05/10/2020	06.44	05/10/2020	19.02	PO	Pile foundation work of MMRDA.
Miraj-Ichalkaranji I	IntraState	05/10/2020	09.03	05/10/2020	14.37	PO	Tan Delta measurement work & insulator replacement work.
220kv Halkarni- Tillary	IntraState	05/10/2020	09.35	05/10/2020	17.01	EO	For cleaning of insulator.
220KV Sawangi- Bhokardan	IntraState	05/10/2020	09.35	05/10/2020	19.23	PO	Tightening of Jumpers.
Chandrapur(MIDC)-Ballarshah II	IntraState	05/10/2020	09.40	05/10/2020	18.32	PO	Construction Work.
Karad(400kv) - Wathar	IntraState	05/10/2020	10.42	05/10/2020	14.09	PO	Insulator replacement work
Wathar - Mudshingi 3 Line	IntraState	05/10/2020	10.50	05/10/2020	18.02	PO	Disc insulator replacement
Jamde-Dondaicha 1	IntraState	05/10/2020	12.02	05/10/2020	13.01	EO	To attend Hot Spot
Mulund - GIS Bhandup	IntraState	05/10/2020	12.45	05/10/2020	12.58	T	Bus Fault Due to Isolator stuck up at Bhandup Gis.
GIS Bhandup - Borivali	IntraState	05/10/2020	12.45	05/10/2020	19.46	T	Bus fault at Bhandup GIS,Y-PH jumper found broken at location no.22.
Jamde-Dondaicha 2	IntraState	05/10/2020	13.03	05/10/2020	14.02	EO	To attend Hot Spot

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 05/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 06/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Valve-Jamde	IntraState	05/10/2020	14.03	05/10/2020	14.51	EO	To attend Hot Spot
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	05/10/2020	14.19	05/10/2020	18.22	PO	General bay maintenance.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	05/10/2020	11.05	05/10/2020	18.12	PO	Replacement of 220kv Isolator Mechanism box and alignment work