

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Oct/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.231	2325.819	1) Gujrat	-2.164	40.867
2) Hydro	3.480	119.897	2) Madhya Pradesh	5.612	97.366
3) Gas	6.363	105.795	3) Chattisgarh	4.990	97.230
Total MSPGCL	150.074	2551.511	4) Maharashtra	102.467	2111.637
B) 1) APLM	57.881	1105.619	5) Goa (Amona)	-0.855	-23.938
2) JSWEL	23.420	419.297	Total	110.050	2323.162
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.561	376.307
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.746	406.712
5) WPCL	6.616	103.739	c) MSEDCL Bilateral *	28.330	573.767
6) Other IPP	7.833	156.191	Include PX	-0.527	56.958
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.561	374.730
C) 1) TPCL Thermal	14.949	190.142	Include PX	7.731	137.652
2) TPCL Hydro	3.102	88.609	Standby	0.000	1.578
3) TPCL Gas	4.394	76.766	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.916	181.267	1) MSEDCL	348.618	6553.041
D) STATE			2) Mumbai Discoms	47.107	943.493
1) Thermal	256.846	4482.074	TOTAL STATE	395.725	7496.534
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.582	208.506			
3) Gas (A3+B7+C3)	10.757	182.561			
4) Wind	6.406	208.185			
6) SOLAR	5.084	92.049			
TOTAL STATE	285.675	5173.375			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6392	5607	6543	4877
MSPGCL Hydro	107	129	174	89
MSPGCL Gas	268	256	269	260
MSPGCL Total Generation	6767	5992	6986	5226
Central Sector Receipt	4905	4774	4828	4422
WIND	89	97	288	300
CPP / IPP Thermal	3987	3926	4586	3618
CPP / IPP Gas	0	0	0	0
SOLAR	499	685	0	0
Exchange with Mumbai	-856	-988	-968	-430
MSEDCL DEMAND MET	15391	14486	15720	13136
Load Shedding	0	0	0	0
MSEDCL DEMAND	15391	14486	15720	13136
TPCL GENERATION	831	824	1001	1044
AEML GENERATION	250	249	250	250
MUMBAI DEMAND	1937	2061	2219	1724
STATE DEMAND MET	17328	16547	17939	14860
STATE DEMAND	17328	16547	17939	14860
Frequency (Hz)	50.01	49.96	50.00	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 08.03 Hrs	49.77 Hz at 01.47 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 18/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	10.64	152.86	550	362
Unit 9	9.28	118.01	450	285
Unit 10	8.25	146.22	360	335
Total	28.17	417.09		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.56	175.00	500	280
Unit 5	8.49	174.94	490	275
Total	17.04	349.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.40	59.71	243	115
Unit 7	4.45	59.32	248	169
Unit 8	4.53	64.49	250	167
Total	13.38	183.52		
Chandrapur				
Unit 3	3.43	7.79	170	115
Unit 4	3.38	52.26	160	120
Unit 5	8.25	170.80	410	274
Unit 6	8.87	152.47	420	280
Unit 7	0.00	0.00	0	0
Unit 8	10.38	182.78	463	280
Unit 9	10.53	181.75	470	295
Total	44.85	747.86		
Paras				
Unit 3	5.19	81.18	250	185
Unit 4	4.29	90.10	225	22
Total	9.48	171.28		
Khaparkheda				
Unit 1	3.14	60.48	160	100
Unit 2	3.66	70.16	180	120
Unit 3	3.73	63.54	180	140
Unit 4	3.71	71.21	180	140
Unit 5	9.87	179.24	460	320
Total	24.12	444.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.19	11.51	160	126
Unit 5	0.00	0.00	0	0
Total	3.19	11.51		
Uran				
All Units	6.36	105.80	279	256
Total	6.36	105.80		
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)	0.28	14.60	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.28	14.60		
Koyna				
Stage 1-2	1.74	46.55	250	40
Stage 4	0.00	21.93	0	0
Stage 3	0.44	16.88	80	0
Total	2.18	85.36		
Hydro				
KDPH	0.00	4.02	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	3.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	6.02	40	0
RNGR+BHTSA	0.35	2.60	15	14
BHANDARDRA	0.00	0.47	0	0
ELDARY	0.54	9.55	23	22
SMLHY_PTN	0.16	3.11	7	6
GHATGHAR	0.00	4.28	0	0
Total	1.30	34.54		
Wind				
Total	6.41	208.18	0	0
Total	6.41	208.18		
CPP				
APML(Mus)	57.88	1105.62	0	0
JSWEL(Mus)	23.42	419.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.62	103.74	0	0
Other(Mus)	7.83	156.19	0	0
Total	95.75	1784.85		
SOLAR				
Total	5.08	92.05	0	0
Total	5.08	92.05		
Tata				
Trombay 5	10.06	161.16	446	359
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	50.00	118	116
Trombay 7B	1.59	26.77	67	65
Trombay 8	4.88	28.98	226	144
TATA Hydro	3.10	88.61	296	2
Total	22.44	355.52		
AEML				
DTPS U-1&2	5.92	181.27	250	170
Total	5.92	181.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.23	2325.82	MSPGCL Total	150.07	2551.51
			MSPGCL Thml+Gas	146.59	2431.61	Koyna 1,2 & 4 Total	1.74	68.48
			MSPGCL Hydro	3.48	119.90	State Total	285.68	5173.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5198	89	279	5566	310	3796	0	0	4692	4540	-713	13499	0	13499	2034	15533	49.97
2	4941	294	259	5494	303	3664	0	0	4437	4606	-586	13481	0	13481	1909	15390	49.96
3	5062	104	279	5445	363	3660	0	0	4383	4226	-488	13206	0	13206	1803	15009	49.92
4	4877	89	260	5226	300	3618	0	0	4295	4422	-430	13136	0	13136	1724	14860	49.92
5	5283	224	279	5786	296	3720	0	0	4183	4442	-431	13813	0	13813	1681	15494	49.98
6	6123	154	260	6537	293	4030	0	0	4219	4456	-415	14901	0	14901	1705	16606	49.97
7	6508	94	270	6872	305	4627	0	8	4553	4309	-433	15688	0	15688	1701	17389	50.02
8	6642	89	270	7001	159	4369	0	163	4721	4534	-651	15575	0	15575	1735	17310	50.04
9	6653	94	269	7016	75	4183	0	397	4681	4490	-727	15434	0	15434	1821	17255	50.04
10	6392	107	268	6767	89	3987	0	499	4866	4905	-856	15391	0	15391	1937	17328	50.01
11	5881	129	258	6268	78	3965	0	659	4990	4916	-969	14917	0	14917	2061	16978	50.00
12	5823	124	256	6203	54	3967	0	794	5016	5057	-1041	15034	0	15034	2138	17172	50.01
13	5607	129	256	5992	97	3926	0	685	5139	4774	-988	14486	0	14486	2061	16547	49.96
14	5378	134	257	5769	128	3912	0	680	5022	4778	-926	14341	0	14341	2025	16366	50.00
15	5264	125	256	5645	175	3883	0	567	4861	4818	-803	14285	0	14285	2002	16287	49.96
16	5203	112	257	5572	199	3891	0	390	4839	5000	-759	14293	0	14293	1980	16273	50.01
17	5540	159	268	5967	302	3922	0	208	4626	4524	-771	14152	0	14152	1946	16098	49.97
18	5951	134	258	6343	553	3896	0	34	4438	4558	-892	14492	0	14492	2019	16511	50.00
19	6358	254	269	6881	383	4274	0	0	4698	4563	-797	15304	0	15304	2068	17372	50.02
20	6543	174	269	6986	288	4586	0	0	4858	4828	-968	15720	0	15720	2219	17939	50.00
21	6508	174	259	6941	389	4127	0	0	4608	4374	-988	14843	0	14843	2166	17009	49.99
22	5993	168	269	6430	456	3930	0	0	4508	4717	-1026	14507	0	14507	2144	16651	49.98
23	6201	228	269	6698	416	3907	0	0	4151	3937	-968	13990	0	13990	2121	16111	50.02
24	6302	98	269	6669	395	3910	0	0	4234	4276	-1120	14130	0	14130	2107	16237	50.01
MUs	140.23	3.48	6.36	150.07	6.41	95.75	0.00	5.08	111.02	110.05	-18.75	348.62	0.00	348.62	47.11	395.72	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 18/Oct/2020

Position as on 6.30 Hrs of 19/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	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	
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	
AEML	AEML Unit 2	250	17/10/2020	04.49		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	18/10/2020	15.10	18/10/2020	16.44	Drum level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 19/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 Sar'Sarovar II	InterState	15/10/2020	21.16	18/10/2020	08.34	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -II	InterState	18/10/2020	08.47	18/10/2020	19.36	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	18/10/2020	17.10		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).
Khadka-Aurangabad (Waluj)	IntraState	17/10/2020	19.43	18/10/2020	08.15	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	17/10/2020	21.31	18/10/2020	08.19	HT	Over Voltage
Padghe - Kalwa-II	IntraState	18/10/2020	00.05	18/10/2020	06.18	EO	PDR Relay replacement(RFC 02.51Hrs)
Dhule - Bableshwar - II	IntraState	18/10/2020	16.39		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/10/2020	20.05		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	19/10/2020	02.52		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
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	18/10/2020	18.05		Continued.	T	Shifted on TBC due to low oil 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)
EKLAHARE (OCR) Nasik Navsari II	InterState	17/10/2020	17.05	18/10/2020	12.32	PO	Jumper replacement
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Speacial Repair Cable 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
Sawantwadi-Bidri	IntraState	18/10/2020	01.50	18/10/2020	09.20	HT	Over Voltage
Loteparshuram- Dasturi Line	IntraState	18/10/2020	09.40	18/10/2020	13.50	PO	For attending Red Hot of R & B ph CTs jumpers.
Pusad - Hingoli	IntraState	18/10/2020	12.36	18/10/2020	14.14	T	Distance Protection
Hingoli- Girawali	IntraState	18/10/2020	12.36	18/10/2020	00.22	T	Distance Protection

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