

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Oct/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.072	2909.916	1) Gujrat	-0.240	40.175
2) Hydro	4.121	140.144	2) Madhya Pradesh	6.454	123.732
3) Gas	6.301	125.371	3) Chattisgarh	6.860	121.650
Total MSPGCL	150.494	3175.431	4) Maharashtra	115.405	2540.522
B) 1) APML	60.046	1348.729	5) Goa (Amona)	-1.225	-30.121
2) JSWEL	23.739	517.156	Total	127.254	2795.958
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.881	456.657
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.474	498.355
5) WPCL	7.048	132.350	c) MSEDCL Bilateral *	30.272	693.655
6) Other IPP	8.047	188.989	Include PX	1.208	57.643
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.881	455.079
C) 1) TPCL Thermal	15.517	250.594	Include PX	9.110	168.612
2) TPCL Hydro	2.616	105.326	Standby	0.000	1.578
3) TPCL Gas	4.377	94.296	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.012	219.922	1) MSEDCL	362.271	7998.885
D) STATE			2) Mumbai Discoms	56.996	1168.490
1) Thermal	266.481	5567.656	TOTAL STATE	419.267	9167.375
(A1+C1+C4+(B1-B6))					
2) Hydro	6.737	245.470			
(A2+C2)					
3) Gas	10.678	219.667			
(A3+B7+C3)					
4) Wind	2.666	225.437			
6) SOLAR	5.451	113.190			
TOTAL STATE	292.013	6371.420			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6360	5384	6315	5316
MSPGCL Hydro	88	125	543	108
MSPGCL Gas	260	257	258	260
MSPGCL Total Generation	6708	5766	7116	5684
Central Sector Receipt	5894	6000	5463	4698
WIND	32	35	128	128
CPP / IPP Thermal	4093	3940	4612	3879
CPP / IPP Gas	0	0	0	0
SOLAR	646	788	0	0
Exchange with Mumbai	-1172	-1270	-1053	-523
MSEDCL DEMAND MET	16201	15259	16266	13866
Load Shedding	0	0	0	0
MSEDCL DEMAND	16201	15259	16266	13866
TPCL GENERATION	862	1067	1102	831
AEML GENERATION	501	500	501	501
MUMBAI DEMAND	2535	2837	2656	1855
STATE DEMAND MET	18736	18096	18922	15721
STATE DEMAND	18736	18096	18922	15721
Frequency (Hz)	50.03	50.02	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.20 Hrs	49.85 Hz at 06.11 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 22/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	12.11	198.70	590	370
Unit 9	11.39	163.00	522	375
Unit 10	8.78	180.38	390	355
Total	32.29	542.09		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.02	212.68	500	280
Unit 5	8.89	212.16	500	275
Total	17.92	424.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.46	76.73	230	168
Unit 7	3.61	77.44	230	0
Unit 8	5.00	84.93	250	168
Total	13.07	239.10		
Chandrapur				
Unit 3	3.39	21.64	158	112
Unit 4	3.42	66.05	153	116
Unit 5	9.55	207.42	430	310
Unit 6	9.74	189.85	420	315
Unit 7	0.00	0.00	0	0
Unit 8	11.00	227.34	465	430
Unit 9	10.95	226.00	465	445
Total	48.06	938.29		
Paras				
Unit 3	5.02	101.29	235	175
Unit 4	5.13	110.86	235	184
Total	10.15	212.15		
Khaparkheda				
Unit 1	3.51	73.45	160	120
Unit 2	4.02	85.20	185	140
Unit 3	4.04	78.82	185	140
Unit 4	3.66	86.16	185	125
Unit 5	0.00	204.74	0	0
Total	15.23	528.38		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.36	25.08	179	126
Unit 5	0.00	0.00	0	0
Total	3.36	25.08		
Uran				
All Units	6.30	125.37	282	224
Total	6.30	125.37		
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)	0.21	15.19	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.21	15.19		
Koyna				
Stage 1-2	1.72	54.12	450	35
Stage 4	0.10	24.19	98	0
Stage 3	0.39	19.42	80	0
Total	2.21	97.73		
Hydro				
KDPH	0.30	5.06	37	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.	0.32	7.37	40	0
RNGR+BHTSA	0.31	3.92	14	0
BHANDARDRA	0.07	0.87	15	0
ELDARY	0.36	11.08	15	14
SMLHY_PTN	0.38	4.30	16	16
GHATGHAR	0.17	5.32	109	0
Total	1.91	42.41		
Wind				
Total	2.67	225.44	0	0
Total	2.67	225.44		
CPP				
APML(Mus)	60.05	1348.73	0	0
JSWEL(Mus)	23.74	517.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.05	132.35	0	0
Other(Mus)	8.05	188.99	0	0
Total	98.88	2187.22		
SOLAR				
Total	5.45	113.19	0	0
Total	5.45	113.19		
Tata				
Trombay 5	10.10	200.58	442	390
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	61.20	118	116
Trombay 7B	1.57	33.10	66	65
Trombay 8	5.41	50.01	232	214
TATA Hydro	2.62	105.33	306	2
Total	22.51	450.22		
AEML				
DTPS U-1&2	12.01	219.92	502	500
Total	12.01	219.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.07	2909.92	MSPGCL Total	150.49	3175.43
			MSPGCL Thml+Gas	146.37	3035.29	Koyna 1,2 & 4 Total	1.82	78.31
			MSPGCL Hydro	4.12	140.14	State Total	292.01	6371.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5725	127	224	6076	142	3873	0	0	4821	4805	-869	14027	0	14027	2200	16227	50.02
2	5296	122	246	5664	154	3866	0	0	4602	4828	-720	13792	0	13792	2051	15843	49.99
3	5299	135	269	5703	120	3889	0	0	4569	4806	-600	13918	0	13918	1935	15853	50.00
4	5316	108	260	5684	128	3879	0	0	4569	4698	-523	13866	0	13866	1855	15721	50.01
5	5564	126	280	5970	108	3903	0	0	4561	4456	-484	13953	0	13953	1815	15768	49.99
6	6209	122	270	6601	138	4054	0	0	4822	4830	-522	15101	0	15101	1854	16955	49.99
7	6349	132	260	6741	135	4516	0	15	5156	5170	-577	16000	0	16000	1883	17883	50.00
8	6384	132	279	6795	89	4724	0	149	5490	5162	-651	16268	0	16268	2011	18279	50.03
9	6352	94	260	6706	24	4444	0	422	5604	5746	-885	16457	0	16457	2246	18703	50.01
10	6360	88	260	6708	32	4093	0	646	5889	5894	-1172	16201	0	16201	2535	18736	50.03
11	5967	125	268	6360	34	3937	0	736	6103	6090	-1325	15832	0	15832	2754	18586	49.98
12	5718	125	247	6090	27	3906	0	831	6162	5989	-1262	15581	0	15581	2854	18435	50.01
13	5384	125	257	5766	35	3940	0	788	6005	6000	-1270	15259	0	15259	2837	18096	50.02
14	5232	125	257	5614	23	3927	0	689	5984	6032	-1275	15010	0	15010	2763	17773	50.04
15	5416	120	256	5792	41	3889	0	577	5986	6248	-1267	15280	0	15280	2809	18089	50.00
16	5820	122	256	6198	76	3914	0	390	5820	5767	-1206	15139	0	15139	2799	17938	50.01
17	6147	80	267	6494	86	4324	0	180	5671	5096	-1086	15094	0	15094	2723	17817	50.00
18	6241	105	258	6604	75	4402	0	28	5318	4995	-990	15114	0	15114	2625	17739	49.98
19	6315	543	258	7116	128	4612	0	0	5344	5463	-1053	16266	0	16266	2656	18922	50.01
20	6294	332	272	6898	234	4760	0	0	5617	5095	-1079	15908	0	15908	2589	18497	50.02
21	5714	229	282	6225	272	4186	0	0	5404	5323	-1002	15004	0	15004	2434	17438	50.01
22	5660	590	272	6522	243	3930	0	0	5056	5305	-931	15069	0	15069	2321	17390	50.02
23	5803	185	271	6259	184	3943	0	0	5109	4980	-847	14519	0	14519	2223	16742	50.00
24	5507	129	272	5908	138	3969	0	0	4978	4476	-878	13613	0	13613	2224	15837	49.99
MUs	140.07	4.12	6.30	150.49	2.67	98.88	0.00	5.45	128.64	127.25	-22.47	362.27	0.00	362.27	57.00	419.27	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 22/Oct/2020

Position as on 6.30 Hrs of 23/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	
MSPGCL	Khaparkheda Unit 5	500	21/10/2020	13.52		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 23/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor.
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 I	InterState	20/10/2020	17.06		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/10/2020	14.09	22/10/2020	15.57	T	Distance Protection
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	21/10/2020	20.25	22/10/2020	07.31	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	21/10/2020	21.06	22/10/2020	07.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/10/2020	19.36		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	22/10/2020	20.33		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	23/10/2020	01.01	23/10/2020	06.43	EO	To attend Hot Spot at Loc.No.32&33
Akola II - RPL(Rattanindia) Ckt I	IntraState	23/10/2020	01.52		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
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)
Solapur(PG)- Jeur	InterState	22/10/2020	18.32	23/10/2020	04.05	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special 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
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work
Kamba - Kolshet	IntraState	21/10/2020	17.40	22/10/2020	13.31	T	Distance Protection
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	21/10/2020	19.36	22/10/2020	17.46	HT	Abnormal sound from CT at Jalkot end.
Halkarni-Olam(Agro)	IntraState	22/10/2020	09.35	22/10/2020	17.44	PO	Cold washing of Insulator
REL Borivali Aarey Line	IntraState	22/10/2020	09.44	22/10/2020	15.02	PO	Annual Maintenance Work
Hingoli- Girawali	IntraState	22/10/2020	10.32	22/10/2020	13.50	PO	Flashover B Phase String
220KV Sawangi- Bhokardan	IntraState	22/10/2020	11.10	22/10/2020	13.54	PO	Testing Work
Lonikand1 (400 Kv)-Theur I	IntraState	22/10/2020	11.13	22/10/2020	18.20	PO	HTLS stringing
Parly-Parly Extn-I	IntraState	22/10/2020	11.23	22/10/2020	12.39	EO	To attend Hot Spot
Khaparkheda-Kalmeshwar	IntraState	22/10/2020	11.24	22/10/2020	11.38	PO	Tan Delta Measurment of CTs
Topworth - Kharghar	IntraState	22/10/2020	11.28	22/10/2020	19.15	PO	Replacement of Flashover Polymer Insulator
Mumewadi -Halkarni ckt-II	IntraState	22/10/2020	11.47	22/10/2020	15.30	T	Distance Protection

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 22/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 23/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dhule-Amalner(220kv)	IntraState	22/10/2020	12.48	22/10/2020	17.13	PO	Replacement of y phase CB
Mahad - Pedambe	IntraState	22/10/2020	17.11	22/10/2020	18.32	T	Distance Protection
New Koyna - Loteparshuram	IntraState	22/10/2020	17.12	22/10/2020	21.10	T	Distance Protection
Kandurgaon - Koyna (Pophali)	IntraState	22/10/2020	17.15	22/10/2020	21.15	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV ICT 6 @ Eklahare	IntraState	22/10/2020	09.30	22/10/2020	19.00	PO	Testing Work