

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Oct/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.145	3044.061	1) Gujrat	-0.510	39.665
2) Hydro	4.764	144.908	2) Madhya Pradesh	6.035	129.767
3) Gas	6.403	131.774	3) Chattisgarh	7.010	128.660
Total MSPGCL	145.312	3320.743	4) Maharashtra	111.702	2652.224
B) 1) APLM	62.191	1410.920	5) Goa (Amona)	-1.650	-31.771
2) JSWEL	24.223	541.379	Total	122.587	2918.545
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.901	477.558
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.555	518.910
5) WPCL	7.289	139.639	c) MSEDCL Bilateral *	31.142	724.797
6) Other IPP	8.267	197.256	Include PX	0.929	58.573
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.901	475.980
C) 1) TPCL Thermal	15.846	266.440	Include PX	8.147	176.759
2) TPCL Hydro	4.898	110.224	Standby	0.000	1.578
3) TPCL Gas	4.368	98.664	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.635	230.557	1) MSEDCL	358.443	8357.328
D) STATE			2) Mumbai Discoms	56.302	1224.792
1) Thermal	262.596	5830.252	TOTAL STATE	414.745	9582.120
(A1+C1+C4+(B1-B6))					
2) Hydro	9.662	255.132			
(A2+C2)					
3) Gas	10.771	230.438			
(A3+B7+C3)					
4) Wind	3.491	228.928			
6) SOLAR	5.638	118.828			
TOTAL STATE	292.158	6663.578			

* 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 2 Hrs
MSPGCL Thermal	6120	4854	5918	4859
MSPGCL Hydro	108	341	995	78
MSPGCL Gas	269	257	269	272
MSPGCL Total Generation	6497	5452	7182	5209
Central Sector Receipt	5649	6056	4971	4155
WIND	94	107	121	291
CPP / IPP Thermal	4353	3878	4916	3739
CPP / IPP Gas	0	0	0	0
SOLAR	589	822	0	0
Exchange with Mumbai	-1214	-1293	-883	-272
MSEDCL DEMAND MET	15968	15022	16307	13122
Load Shedding	0	0	0	0
MSEDCL DEMAND	15968	15022	16307	13122
TPCL GENERATION	926	987	1250	1241
AEML GENERATION	284	502	501	501
MUMBAI DEMAND	2424	2782	2634	2014
STATE DEMAND MET	18392	17804	18941	15136
STATE DEMAND	18392	17804	18941	15136
Frequency (Hz)	50.04	49.98	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.02 Hrs	49.78 Hz at 15.23 Hrs	50	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 23/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	11.40	210.11	627	361
Unit 9	10.70	173.70	520	370
Unit 10	8.66	189.04	370	357
Total	30.76	572.85		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.69	222.37	500	280
Unit 5	9.41	221.57	490	275
Total	19.10	443.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.32	81.05	205	165
Unit 7	0.00	77.44	0	0
Unit 8	5.24	90.17	250	166
Total	9.56	248.66		
Chandrapur				
Unit 3	3.40	25.04	160	115
Unit 4	3.35	69.39	155	120
Unit 5	9.06	216.47	420	275
Unit 6	9.06	198.91	420	280
Unit 7	0.00	0.00	0	0
Unit 8	10.50	237.84	450	415
Unit 9	10.04	236.04	460	372
Total	45.41	983.70		
Paras				
Unit 3	5.39	106.68	235	200
Unit 4	5.36	116.22	244	174
Total	10.75	222.90		
Khaparkheda				
Unit 1	3.63	77.08	165	125
Unit 2	3.86	89.06	180	135
Unit 3	3.94	82.76	185	140
Unit 4	3.85	90.01	180	140
Unit 5	0.00	204.74	0	0
Total	15.28	543.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.28	28.36	180	126
Unit 5	0.00	0.00	0	0
Total	3.28	28.36		
Uran				
All Units	6.40	131.77	282	247
Total	6.40	131.77		
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)	0.26	15.45	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	15.45		
Koyna				
Stage 1-2	1.82	55.93	430	40
Stage 4	0.59	24.78	382	0
Stage 3	0.69	20.12	80	0
Total	3.10	100.83		
Hydro				
KDPH	0.00	5.06	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.36	4.35	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	7.71	40	0
RNGR+BHTSA	0.00	3.92	0	0
BHANDARDRA	0.35	1.22	15	14
ELDARY	0.14	11.22	11	0
SMLHY_PTN	0.32	4.63	14	13
GHATGHAR	0.16	5.48	110	0
Total	1.66	44.08		
Wind				
Total	3.49	228.93	0	0
Total	3.49	228.93		
CPP				
APML(Mus)	62.19	1410.92	0	0
JSWEL(Mus)	24.22	541.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.29	139.64	0	0
Other(Mus)	8.27	197.26	0	0
Total	101.97	2289.19		
SOLAR				
Total	5.64	118.83	0	0
Total	5.64	118.83		
Tata				
Trombay 5	10.36	210.94	447	401
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	64.00	118	107
Trombay 7B	1.57	34.67	67	63
Trombay 8	5.49	55.50	231	222
TATA Hydro	4.90	110.22	407	1
Total	25.11	475.33		
AEML				
DTPS U-1&2	10.64	230.56	502	282
Total	10.64	230.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.14	3044.06	MSPGCL Total	145.31	3320.74
			MSPGCL Thml+Gas	140.55	3175.84	Koyna 1,2 & 4 Total	2.40	80.71
			MSPGCL Hydro	4.76	144.91	State Total	292.16	6663.58

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Oct/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5319	88	281	5688	219	3864	0	0	4822	4496	-452	13815	0	13815	2160	15975	50.01
2	4859	78	272	5209	291	3739	0	0	4664	4155	-272	13122	0	13122	2014	15136	50.02
3	4829	83	282	5194	190	3735	0	0	4576	4477	-157	13439	0	13439	1896	15335	50.02
4	4833	78	271	5182	179	3724	0	0	4570	4472	-68	13489	0	13489	1805	15294	50.01
5	4978	93	282	5353	155	3711	0	0	4558	4499	-55	13663	0	13663	1780	15443	49.96
6	5847	98	271	6216	106	3929	0	0	4694	4369	-124	14496	0	14496	1815	16311	50.00
7	6115	83	272	6470	121	4407	0	12	4904	5305	-377	15938	0	15938	1834	17772	50.00
8	6179	98	282	6559	74	4834	0	131	5193	5381	-600	16379	0	16379	1938	18317	50.01
9	6192	83	271	6546	81	4904	0	340	5336	5145	-960	16056	0	16056	2164	18220	50.03
10	6120	108	269	6497	94	4353	0	589	5719	5649	-1214	15968	0	15968	2424	18392	50.04
11	5787	181	269	6237	114	4006	0	769	6119	5827	-1342	15611	0	15611	2614	18225	49.99
12	5001	202	257	5460	96	3812	0	851	6248	6312	-1307	15224	0	15224	2756	17980	49.98
13	4854	341	257	5452	107	3878	0	822	6081	6056	-1293	15022	0	15022	2782	17804	49.98
14	4821	181	247	5249	109	3914	0	721	5949	5896	-1235	14654	0	14654	2707	17361	50.00
15	5432	202	256	5890	127	3878	0	645	5834	5602	-1255	14887	0	14887	2738	17625	49.96
16	5551	250	257	6058	180	3937	0	459	5594	5288	-1156	14766	0	14766	2724	17490	49.94
17	5888	159	257	6304	168	4166	0	227	5151	5287	-1129	15023	0	15023	2665	17688	50.00
18	5952	164	257	6373	129	4652	0	72	4844	4873	-987	15112	0	15112	2594	17706	50.00
19	5918	995	269	7182	121	4916	0	0	4865	4971	-883	16307	0	16307	2634	18941	50.01
20	5932	602	268	6802	130	4946	0	0	5387	5018	-956	15940	0	15940	2602	18542	50.03
21	5943	176	258	6377	124	4995	0	0	4976	4972	-1115	15353	0	15353	2507	17860	49.99
22	5952	154	259	6365	155	4941	0	0	4885	4537	-1135	14863	0	14863	2410	17273	50.01
23	5930	159	279	6368	161	4442	0	0	4869	5362	-1245	15088	0	15088	2389	17477	50.01
24	5913	108	260	6281	260	4287	0	0	4875	4638	-1238	14228	0	14228	2350	16578	49.97
MUs	134.15	4.76	6.40	145.31	3.49	101.97	0.00	5.64	124.71	122.59	-20.55	358.44	0.00	358.44	56.30	414.74	50.00

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 23/Oct/2020

Position as on 6.30 Hrs of 24/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 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	
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	
MSPGCL	Uran Unit 6	108	24/10/2020	00.14		Continued.	Filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 24/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.
Chandrapur - Padghe Hvdc Pole 1	IntraState	23/10/2020	17.51	23/10/2020	18.51		T	Base Filter Tripped
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
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 - Ssnnl I	IntraState	22/10/2020	11.05	23/10/2020	11.09		PO	Replacement of damaged earthwire
Khadka-Aurangabad (Waluj)	IntraState	22/10/2020	19.36	23/10/2020	08.26		HT	Over Voltage
Dhule- Bableshtar - I	IntraState	22/10/2020	20.33	23/10/2020	10.35		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
Dhule - Ssnnl ii	IntraState	23/10/2020	12.05			Continued.	PO	Replacement of damaged earthwire(RFC 18.02)
Karad - Talandge Ckt 2	IntraState	23/10/2020	14.36	23/10/2020	20.00		PO	change CT ratio and revision of relay setting accordingly
Dhule - Bableshtar - II	IntraState	23/10/2020	21.01			Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/10/2020	21.16			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
Halkarni-Olam(Agro)	IntraState	23/10/2020	09.24	24/10/2020	00.54		PO	cold washing insulator
Miraj - Mhaishal	IntraState	23/10/2020	10.05	23/10/2020	13.39		PO	Quarterly Maintenance Work
Bombay Dyeing - Sahara	IntraState	23/10/2020	10.37	23/10/2020	17.41		PO	Replacement of polymer insulator
Kalwa1- Airoli Knowledge Park	IntraState	23/10/2020	10.51	23/10/2020	13.17		PO	Replacement of damaged of y-phase jumper from bus-isolator
Kandalgaon - ONGC Panvel	IntraState	23/10/2020	11.00	23/10/2020	16.30		PO	Attending Oil Leakage
Phursungi-Parvati	IntraState	23/10/2020	11.10	23/10/2020	14.30		PO	Breker CRM
Mumewadi -Halkarni ckt-II	IntraState	23/10/2020	13.31	23/10/2020	16.40		T	Distance Protection
Lonand Sona Alloys	IntraState	23/10/2020	16.02	23/10/2020	17.49		PO	Quarterly Maintenance 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 23/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 24/Oct/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							
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	23/10/2020	09.55	23/10/2020	18.34	PO	Annual Maintenance Work