

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Oct/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.484	1777.076	1) Gujrat	-10.982	-144.940
2) Hydro	9.308	449.626	2) Madhya Pradesh	4.959	108.948
3) Gas	5.250	73.829	3) Chattisgarh	3.650	66.100
Total MSPGCL	143.042	2300.531	4) Maharashtra	131.693	2126.057
B) 1) APML	60.439	822.679	5) Goa (Amona)	-1.070	-16.243
2) JSWEL	18.122	292.776	Total	128.250	2139.922
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.843	365.515
4) RPL(AMT)	16.379	214.226	b) Mumbai Drawl	27.130	387.890
5) SWPGPL	5.696	77.316	c) MSEDCL Bilateral *	30.117	571.163
6) Other IPP	5.199	81.738	Include PX	0.142	124.143
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.843	365.403
C) 1) TPCL Thermal	15.132	241.119	Include PX	5.687	34.762
2) TPCL Hydro	2.279	76.459	Standby	0.000	0.113
3) TPCL Gas	4.096	45.863	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.276	166.139	1) MSEDCL	365.701	5729.220
D) STATE			2) Mumbai Discoms	57.913	917.472
1) Thermal	258.727	3673.069	TOTAL STATE	423.614	6646.692
(A1+C1+C4+(B1-B6))					
2) Hydro	11.587	526.085			
(A2+C2)					
3) Gas	9.346	119.692			
(A3+B7+C3)					
4) Wind	6.961	80.447			
6) SOLAR	8.743	107.475			
TOTAL STATE	295.364	4506.768			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4720	4655	5631	5391
MSPGCL Hydro	470	316	316	305
MSPGCL Gas	235	224	197	200
MSPGCL Total Generation	5425	5195	6144	5896
Central Sector Receipt	6419	6260	5120	4540
WIND	311	216	187	295
CPP / IPP Thermal	3699	3585	4696	4473
CPP / IPP Gas	0	0	0	0
SOLAR	1120	1224	0	0
Exchange with Mumbai	-1361	-1474	-1127	-1227
MSEDCL DEMAND MET	15613	15006	15020	13977
Load Shedding	0	0	0	0
MSEDCL DEMAND	15613	15006	15020	13977
TPCL GENERATION	794	764	1074	923
AEML GENERATION	320	288	426	327
MUMBAI DEMAND	2475	2526	2627	2477
STATE DEMAND MET	18088	17532	17647	16454
STATE DEMAND	18088	17532	17647	16454
Frequency (Hz)	49.95	50.02	49.99	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.03 Hrs	49.77 Hz at 00.36 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 15/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.44	44.76	185	120
Unit 7	0.00	0.00	0	0
Unit 8	12.26	184.64	577	382
Unit 9	0.00	133.58	0	0
Unit 10	12.14	97.35	563	375
Total	27.83	460.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.74	128.80	355	280
Unit 5	7.70	73.68	355	275
Total	15.44	202.47		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.06	64.25	205	122
Unit 8	4.07	63.37	204	151
Total	8.12	127.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.53	28.15	164	124
Unit 5	8.21	60.18	390	295
Unit 6	7.20	87.72	353	255
Unit 7	7.61	111.08	355	281
Unit 8	9.40	128.40	425	295
Unit 9	8.65	126.84	394	290
Total	44.60	542.36		
Paras				
Unit 3	3.72	66.56	200	120
Unit 4	3.84	9.96	200	143
Total	7.56	76.52		
Khaparkheda				
Unit 1	2.94	41.12	140	100
Unit 2	2.82	48.19	130	110
Unit 3	3.30	52.23	152	125
Unit 4	3.26	53.50	157	120
Unit 5	9.27	117.40	450	330
Total	21.59	312.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.33	55.32	188	117
Unit 5	0.00	0.00	0	0
Total	3.33	55.32		
Uran				
All Units	5.25	73.83	242	190
Total	5.25	73.83		
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)	0.46	7.68	25	10
Total	0.46	7.68		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.84	93.15	360	40
Stage 4	0.87	189.42	509	0
Stage 3	0.58	60.62	154	0
Total	3.29	343.20		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.38	5.66	40	0
SMLHY_PTN	5.64	88.39	243	227
GHATGHAR	0.00	8.22	0	0
Total	6.02	106.43		
Wind				
Total	6.96	80.45	0	0
Total	6.96	80.45		
CPP				
APML(Mus)	60.44	822.68	0	0
JSWEL(Mus)	18.12	292.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	16.38	214.23	0	0
SWPGPL-Mus	5.70	77.32	0	0
Other(Mus)	5.20	81.74	0	0
Total	105.84	1488.74		
SOLAR				
Total	8.74	107.48	0	0
Total	8.74	107.48		
Tata				
Trombay 5	10.20	162.92	472	341
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	27.19	114	95
Trombay 7B	1.54	18.67	66	60
Trombay 8	4.93	78.20	217	143
TATA Hydro	2.28	76.46	261	0
Total	21.51	363.44		
AEMIL				
DTPS U-1&2	9.28	166.14	500	284
Total	9.28	166.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.48	1777.08	MSPGCL Total	143.04	2300.53
			MSPGCL Thml+Gas	133.73	1850.90	Koyna 1,2 & 4 Total	2.71	282.57
			MSPGCL Hydro	9.31	449.63	State Total	295.36	4506.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Oct/2021

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	5696	299	229	6224	477	5177	0	0	5159	5053	-1085	15846	0	15846	2665	18511	49.91
2	5637	342	240	6219	441	5141	0	0	4931	4662	-987	15476	0	15476	2472	17948	50.01
3	5582	278	231	6091	401	5156	0	0	4840	4634	-839	15443	0	15443	2286	17729	50.04
4	5533	281	231	6045	444	5196	0	0	4832	4780	-838	15627	0	15627	2169	17796	50.03
5	5548	273	241	6062	459	5187	0	0	4928	4969	-818	15859	0	15859	2116	17975	50.02
6	5642	883	242	6767	450	5076	0	0	5116	4994	-768	16519	0	16519	2124	18643	50.00
7	5883	1018	242	7143	486	5035	0	61	5030	4938	-729	16934	0	16934	2115	19049	50.00
8	5910	504	231	6645	395	5003	0	257	5224	5293	-804	16789	0	16789	2133	18922	50.05
9	5390	376	201	5967	227	4316	0	662	5785	5594	-1046	15720	0	15720	2228	17948	50.05
10	4904	345	208	5457	267	3698	0	941	5993	6372	-1234	15501	0	15501	2348	17849	49.99
11	4720	470	235	5425	311	3699	0	1120	6192	6419	-1361	15613	0	15613	2475	18088	49.95
12	5073	319	225	5617	256	3684	0	1222	6277	5990	-1428	15341	0	15341	2528	17869	50.03
13	4655	316	224	5195	216	3585	0	1224	6380	6260	-1474	15006	0	15006	2526	17532	50.02
14	4588	317	223	5128	133	3651	0	1168	6178	5992	-1415	14657	0	14657	2461	17118	50.03
15	4838	317	223	5378	120	3673	0	964	6427	6275	-1452	14958	0	14958	2505	17463	50.02
16	5315	283	214	5812	143	3852	0	694	6282	5857	-1420	14938	0	14938	2549	17487	50.03
17	5388	282	223	5893	145	4163	0	361	5899	5250	-1364	14448	0	14448	2494	16942	50.01
18	5340	288	196	5824	110	4266	0	68	5283	5011	-1105	14174	0	14174	2449	16623	50.02
19	5636	321	197	6154	121	4525	0	1	5535	5517	-1260	15058	0	15058	2538	17596	50.04
20	5631	316	197	6144	187	4696	0	0	5508	5120	-1127	15020	0	15020	2627	17647	49.99
21	5303	368	207	5878	285	4144	0	0	5222	5277	-1129	14455	0	14455	2604	17059	49.92
22	5418	454	190	6062	294	4191	0	0	5328	4745	-1141	14151	0	14151	2542	16693	50.01
23	5463	353	200	6016	298	4248	0	0	5282	4721	-1079	14204	0	14204	2482	16686	49.96
24	5391	305	200	5896	295	4473	0	0	5019	4540	-1227	13977	0	13977	2477	16454	49.91
MUs	128.48	9.31	5.25	143.04	6.96	105.83	0.00	8.74	132.65	128.26	-27.13	365.71	0.00	365.71	57.91	423.63	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 15/Oct/2021

Position as on 6.30 Hrs of 16/Oct/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	12/10/2021	20.12		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	14/10/2021	22.04		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	16/10/2021	01.33	16/10/2021	08.46	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2021

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 1	IntraState	15/10/2021	23.04		Continued.	EO	B-Phase CB replacement work.
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
Khadka-Aurangabad (Waluj)	IntraState	11/10/2021	12.33		Continued.	PO	Height raising/shifting work of S/C 400kV Waluj- Bhusawal line for Samruddhi Mahamarg. ie. 1) Dismantling of loc no. 125 (D+6). 126 (D+6).
Karad - Lonikand 1	IntraState	12/10/2021	14.30		Continued.	HT	To control line loading of 400KV Kalwa-Talegaon PG
400 KV ICT Outages/Trippings							
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	15/10/2021	09.35	15/10/2021	18.20	PO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Flagship-Nandedcity	IntraState	14/10/2021	11.48	15/10/2021	03.55	PO	Half yearly maintenance work
Kalwa - Siemens	IntraState	15/10/2021	23.25	16/10/2021	14.40	T	Distance Protection
Pirangut - Hinjawadi 2	IntraState	16/10/2021	09.22	16/10/2021	18.29	PO	Replacement of faulty Insulators
Vita - Ghatnandre	IntraState	16/10/2021	09.57	16/10/2021	18.13	PO	C & Tan delta testing.
Nanded-Ghatodi	IntraState	16/10/2021	10.20	16/10/2021	16.21	EO	To attend Hot Spot
Bableshwar Ahamadnagar-Ii	IntraState	16/10/2021	11.10	16/10/2021	14.14	PO	Replacement of Faulty string
AHMEDNAGAR-BHOSE (BELWANI) CKT-I	IntraState	16/10/2021	11.22	16/10/2021	22.25	PO	Isolator Alignment and stringing work
JEJURI (400 Kv) - GIS KONDHWA	IntraState	16/10/2021	13.25	16/10/2021	15.48	PO	Testing Work
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34		Continued.	EO	CB Compressor Overhauling Work.
Kalwa-TIFIL	IntraState	16/10/2021	14.45	16/10/2021	19.44	PO	To attend Hot Spot
Trombay - Kalwa	IntraState	16/10/2021	16.00	16/10/2021	19.21	EO	To attend Hot Spot
Trombay-Salsette II	IntraState	16/10/2021	23.09		Continued.	PO	For metro work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Bableshwar	IntraState	16/10/2021	05.09	16/10/2021	16.02	T	differentiate protection.
220/132 KV ICT 6 @ Eklahare	IntraState	16/10/2021	10.14	16/10/2021	16.53	PO	Replacement of faulty suspension string.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	16/10/2021	10.23	16/10/2021	18.26	PO	CTR MAKE NIFPS Maintenance & Bushing tan delta.
220/132 KV 100MVA ICT-I @ Belewadi	IntraState	16/10/2021	11.25	16/10/2021	22.25	PO	Isolator Alignment and stringing work

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