

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Oct/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.374	2026.851	1) Gujrat	-8.445	-163.228
2) Hydro	8.605	472.781	2) Madhya Pradesh	6.640	121.631
3) Gas	5.595	84.247	3) Chattisgarh	4.690	75.250
Total MSPGCL	132.574	2583.879	4) Maharashtra	155.279	2431.274
B) 1) APML	64.632	948.846	5) Goa (Amona)	-0.689	-17.788
2) JSWEL	15.590	324.558	Total	157.475	2447.139
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.953	421.328
4) RPL(AMT)	19.249	251.822	b) Mumbai Drawl	24.949	441.570
5) SWPGPL	5.801	88.978	c) MSEDCL Bilateral *	40.381	646.406
6) Other IPP	5.946	93.453	Include PX	5.587	130.307
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.953	421.214
C) 1) TPCL Thermal	13.968	270.377	Include PX	5.334	44.271
2) TPCL Hydro	1.291	81.111	Standby	0.000	0.114
3) TPCL Gas	4.302	53.891	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.239	185.127	1) MSEDCL	393.186	6512.914
D) STATE			2) Mumbai Discoms	54.748	1032.077
1) Thermal	253.799	4190.012	TOTAL STATE	447.934	7544.991
(A1+C1+C4+(B1-B6))					
2) Hydro	9.896	553.892			
(A2+C2)					
3) Gas	9.897	138.138			
(A3+B7+C3)					
4) Wind	12.113	97.577			
6) SOLAR	4.755	118.232			
TOTAL STATE	290.460	5097.851			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4988	4937	5159	4931
MSPGCL Hydro	540	270	652	267
MSPGCL Gas	239	227	240	233
MSPGCL Total Generation	5767	5434	6051	5431
Central Sector Receipt	7857	7631	6702	5412
WIND	42	203	1096	179
CPP / IPP Thermal	4633	4609	4881	4891
CPP / IPP Gas	0	0	0	0
SOLAR	590	731	0	0
Exchange with Mumbai	-1274	-1212	-956	-725
MSEDCL DEMAND MET	17615	17396	17774	15188
Load Shedding	0	0	0	0
MSEDCL DEMAND	17615	17396	17774	15188
TPCL GENERATION	728	705	994	837
AEML GENERATION	361	497	457	456
MUMBAI DEMAND	2363	2414	2407	2018
STATE DEMAND MET	19978	19810	20181	17206
STATE DEMAND	19978	19810	20181	17206
Frequency (Hz)	50.04	50.01	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 19.45 Hrs	49.79 Hz at 16.44 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 17/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.53	51.81	165	115
Unit 7	0.00	0.00	0	0
Unit 8	9.51	206.93	433	357
Unit 9	3.82	137.39	345	0
Unit 10	9.44	119.58	430	360
Total	26.29	515.71		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.50	144.68	350	300
Unit 5	7.46	89.43	355	300
Total	14.97	234.12		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.31	72.87	220	158
Unit 8	4.22	71.81	205	150
Total	8.53	144.68		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.76	35.51	165	130
Unit 5	6.53	75.26	335	180
Unit 6	4.29	98.28	277	0
Unit 7	6.82	125.98	340	231
Unit 8	9.27	147.35	414	370
Unit 9	9.04	145.34	396	355
Total	39.70	627.72		
Paras				
Unit 3	3.94	74.09	191	144
Unit 4	3.97	18.08	190	127
Total	7.91	92.17		
Khaparkheda				
Unit 1	1.32	44.83	110	0
Unit 2	2.38	53.26	115	85
Unit 3	3.15	58.68	140	125
Unit 4	3.14	59.90	142	124
Unit 5	7.41	133.12	330	300
Total	17.40	349.80		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.58	62.66	183	115
Unit 5	0.00	0.00	0	0
Total	3.58	62.66		
Uran				
All Units	5.60	84.25	245	220
Total	5.60	84.25		
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)	0.50	8.72	21	19
Total	0.50	8.72		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.95	100.02	445	40
Stage 4	0.39	192.85	157	0
Stage 3	0.37	62.68	136	0
Total	3.72	355.54		
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.	0.17	6.14	40	0
SMLHY_PTN	4.28	97.80	183	170
GHATGHAR	0.44	9.14	194	0
Total	4.89	117.24		
Wind				
Total	12.11	97.58	0	0
Total	12.11	97.58		
CPP				
APML(Mus)	64.63	948.85	0	0
JSWEL(Mus)	15.59	324.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.25	251.82	0	0
SWPGPL-Mus	5.80	88.98	0	0
Other(Mus)	5.95	93.45	0	0
Total	111.22	1707.66		
SOLAR				
Total	4.76	118.23	0	0
Total	4.76	118.23		
Tata				
Trombay 5	9.27	182.46	450	335
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	32.19	114	113
Trombay 7B	1.58	21.70	66	66
Trombay 8	4.70	87.92	216	167
TATA Hydro	1.29	81.11	199	0
Total	19.56	405.38		
AEMIL				
DTPS U-1&2	10.24	185.13	538	305
Total	10.24	185.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.37	2026.85	MSPGCL Total	132.57	2583.88
			MSPGCL Thml+Gas	123.97	2111.10	Koyna 1,2 & 4 Total	3.34	292.86
			MSPGCL Hydro	8.60	472.78	State Total	290.46	5097.85

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Oct/2021

Annexure-2

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	5063	231	232	5526	406	4839	0	0	5745	5523	-958	15336	0	15336	2383	17719	49.95
2	4902	224	243	5369	241	4598	0	0	5625	5611	-810	15009	0	15009	2242	17251	49.99
3	4997	361	234	5592	183	4817	0	0	5294	5257	-737	15112	0	15112	2111	17223	49.99
4	4931	267	233	5431	179	4891	0	0	5559	5412	-725	15188	0	15188	2018	17206	50.01
5	4968	217	223	5408	201	4878	0	0	5576	5501	-728	15260	0	15260	1988	17248	50.02
6	5092	476	245	5813	306	4761	0	0	5860	5768	-826	15822	0	15822	2011	17833	50.03
7	5247	457	224	5928	349	4560	0	15	6261	6229	-863	16218	0	16218	2006	18224	50.03
8	5260	535	234	6029	216	4577	0	96	6622	6743	-868	16793	0	16793	2013	18806	50.03
9	4932	678	232	5842	84	4625	0	239	6872	7198	-1000	16988	0	16988	2100	19088	49.94
10	5003	708	241	5952	79	4638	0	430	7051	7037	-970	17166	0	17166	2256	19422	50.00
11	4988	540	239	5767	42	4633	0	590	7490	7857	-1274	17615	0	17615	2363	19978	50.04
12	4987	389	237	5613	94	4630	0	741	7749	7472	-1248	17302	0	17302	2426	19728	50.02
13	4937	270	227	5434	203	4609	0	731	7510	7631	-1212	17396	0	17396	2414	19810	50.01
14	4896	230	226	5352	385	4498	0	632	7404	7250	-1201	16916	0	16916	2381	19297	50.04
15	4759	213	227	5199	521	4410	0	576	7650	7506	-1263	16949	0	16949	2445	19394	50.02
16	4833	288	227	5348	619	4576	0	446	7688	7065	-1146	16908	0	16908	2428	19336	50.00
17	4900	416	227	5543	715	4549	0	210	7365	6473	-907	16583	0	16583	2367	18950	49.91
18	4917	227	238	5382	869	4558	0	49	6541	6620	-930	16548	0	16548	2319	18867	49.98
19	5159	652	240	6051	1096	4881	0	0	6347	6702	-956	17774	0	17774	2407	20181	50.04
20	4863	310	220	5393	1056	4784	0	0	7646	6919	-1025	17126	0	17126	2428	19554	50.09
21	4790	227	231	5248	985	4681	0	0	6672	6682	-1299	16297	0	16297	2405	18702	50.03
22	4811	237	231	5279	964	4609	0	0	6446	6386	-1340	15898	0	15898	2399	18297	50.02
23	4582	226	242	5050	1104	4394	0	0	6530	6410	-1321	15637	0	15637	2392	18029	50.01
24	4557	226	242	5025	1216	4222	0	0	6406	6223	-1342	15344	0	15344	2447	17791	50.01
MUs	118.37	8.61	5.60	132.57	12.11	111.22	0.00	4.75	159.91	157.48	-24.95	393.19	0.00	393.19	54.75	447.94	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 17/Oct/2021

Position as on 6.30 Hrs of 18/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	17/10/2021	11.02	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	14/10/2021	22.04		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	17/10/2021	14.14		Continued.	Due To Poor Coal Receipt.	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Tripped Due To Boiler Tripped On Total Air Flow less than 30%.	
MSPGCL	Parli Unit 8	250	18/10/2021	05.10		Continued.	due to PA Fan Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 18/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	17/10/2021	08.55	EO	B-Phase CB replacement work.
Chandrapur - Padghe Hvdc Pole 1	IntraState	17/10/2021	15.28	18/10/2021	03.52	T	Due To Base filter Tripped.
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/10/2021	15.28	17/10/2021	16.26	T	Due To 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
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
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)
Boiser(M)-Boiser(PG) -III	InterState	17/10/2021	11.21	17/10/2021	21.18	PO	Replacement Of 3 nos. Of CTs (800/400/1A) by spare higher ratio CTs(1600/800/1A).
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34		Continued.	EO	CB Compressor Overhauling Work.
Trombay-Salsette II	IntraState	16/10/2021	23.09	17/10/2021	04.20	PO	For metro work.
Kalwa Salsette III	IntraState	17/10/2021	06.00	17/10/2021	09.48	EO	Tree Cutting
Boisar II - Tarapur	IntraState	17/10/2021	11.16	17/10/2021	17.02	EO	for safety purpose.
Boisar Versova Line	IntraState	17/10/2021	11.27	17/10/2021	21.36	HT	Load Management.
Boisar(M) - Ghodbunder	IntraState	17/10/2021	20.13	17/10/2021	21.31	HT	Load Management.
220 KV ICT Outages/Trippings							
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	17/10/2021	09.42	17/10/2021	16.16	PO	Destringing of conductor in vicinity.

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