

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Oct/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.416	2141.267	1) Gujrat	-8.458	-171.686
2) Hydro	8.394	481.175	2) Madhya Pradesh	7.669	129.300
3) Gas	5.666	89.913	3) Chattisgarh	5.320	80.570
Total MSPGCL	128.476	2712.355	4) Maharashtra	167.162	2598.436
B) 1) APML	57.374	1006.220	5) Goa (Amona)	-1.318	-19.106
2) JSWEL	13.718	338.276	Total	170.375	2617.514
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.767	454.094
4) RPL(AMT)	18.375	270.197	b) Mumbai Drawl	32.549	474.119
5) SWPGPL	5.653	94.631	c) MSEDCL Bilateral *	50.243	696.649
6) Other IPP	5.794	99.247	Include PX	16.363	146.670
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.767	453.980
C) 1) TPCL Thermal	14.110	284.487	Include PX	7.293	51.564
2) TPCL Hydro	3.278	84.389	Standby	0.000	0.114
3) TPCL Gas	4.122	58.013	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.066	194.193	1) MSEDCL	401.018	6913.932
D) STATE			2) Mumbai Discoms	63.125	1095.203
1) Thermal	238.506	4428.518	TOTAL STATE	464.143	8009.135
(A1+C1+C4+(B1-B6))					
2) Hydro	11.672	565.564			
(A2+C2)					
3) Gas	9.788	147.926			
(A3+B7+C3)					
4) Wind	25.894	123.471			
6) SOLAR	7.908	126.140			
TOTAL STATE	293.768	5391.619			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4712	4966	5150	4615
MSPGCL Hydro	504	214	1151	226
MSPGCL Gas	228	227	229	243
MSPGCL Total Generation	5444	5407	6530	5084
Central Sector Receipt	8223	8191	7459	5484
WIND	981	861	996	1375
CPP / IPP Thermal	4004	4199	4925	3728
CPP / IPP Gas	0	0	0	0
SOLAR	1053	633	0	0
Exchange with Mumbai	-1698	-1758	-1337	-1027
MSEDCL DEMAND MET	18007	17533	18573	14644
Load Shedding	0	0	0	0
MSEDCL DEMAND	18007	17533	18573	14644
TPCL GENERATION	1022	972	1153	743
AEML GENERATION	393	368	408	320
MUMBAI DEMAND	3113	3098	2898	2090
STATE DEMAND MET	21120	20631	21471	16734
STATE DEMAND	21120	20631	21471	16734
Frequency (Hz)	50.02	50.01	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13:06 Hrs	49.75 Hz at 14:55 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 18/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.86	54.68	145	100
Unit 7	0.00	0.00	0	0
Unit 8	9.77	216.70	455	367
Unit 9	8.62	146.01	430	319
Unit 10	8.88	128.46	420	336
Total	30.14	545.85		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.40	152.08	355	280
Unit 5	7.41	96.84	350	280
Total	14.81	248.92		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.87	77.74	236	158
Unit 8	2.27	74.08	170	0
Total	7.15	151.83		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.80	39.32	170	154
Unit 5	6.68	81.94	315	230
Unit 6	0.00	98.28	0	0
Unit 7	6.45	132.43	303	250
Unit 8	9.25	156.60	415	357
Unit 9	8.87	154.21	394	354
Total	35.04	662.77		
Paras				
Unit 3	3.72	77.81	188	141
Unit 4	3.74	21.82	184	125
Total	7.46	99.64		
Khaparkheda				
Unit 1	0.00	44.83	0	0
Unit 2	2.70	55.96	120	100
Unit 3	3.24	61.92	140	130
Unit 4	3.17	63.07	141	120
Unit 5	7.13	140.24	335	280
Total	16.23	366.03		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.58	66.23	189	118
Unit 5	0.00	0.00	0	0
Total	3.58	66.23		
Uran				
All Units	5.67	89.91	244	225
Total	5.67	89.91		
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)	0.43	9.15	26	10
Total	0.43	9.15		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.20	102.22	335	40
Stage 4	0.47	193.32	396	0
Stage 3	1.04	63.72	160	0
Total	3.71	359.25		
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.	0.08	6.22	73	0
SMLHY_PTN	4.31	102.11	182	173
GHATGHAR	0.30	9.44	240	0
Total	4.69	121.92		
Wind				
Total	25.89	123.47	0	0
Total	25.89	123.47		
CPP				
APML(Mus)	57.37	1006.22	0	0
JSWEL(Mus)	13.72	338.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.38	270.20	0	0
SWPGPL-Mus	5.65	94.63	0	0
Other(Mus)	5.79	99.25	0	0
Total	100.91	1808.57		
SOLAR				
Total	7.91	126.14	0	0
Total	7.91	126.14		
Tata				
Trombay 5	9.47	191.93	476	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	34.77	114	105
Trombay 7B	1.54	23.24	66	63
Trombay 8	4.64	92.56	218	160
TATA Hydro	3.28	84.39	363	0
Total	21.51	426.89		
AEML				
DTPS U-1&2	9.07	194.19	500	308
Total	9.07	194.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.42	2141.27	MSPGCL Total	128.48	2712.36
			MSPGCL Thml+Gas	120.08	2231.18	Koyna 1,2 & 4 Total	2.67	295.53
			MSPGCL Hydro	8.39	481.18	State Total	293.77	5391.62

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4596	231	243	5070	1249	4238	0	0	6136	5443	-1062	14938	0	14938	2387	17325	50.04
2	4560	227	233	5020	1321	3933	0	0	6277	5642	-932	14984	0	14984	2226	17210	49.96
3	4615	226	243	5084	1375	3728	0	0	6240	5484	-1027	14644	0	14644	2090	16734	50.01
4	4622	231	244	5097	1391	3627	0	0	6228	5830	-1036	14909	0	14909	2013	16922	50.02
5	4697	231	244	5172	1393	3905	0	0	6254	5693	-1013	15150	0	15150	1988	17138	50.03
6	4609	219	233	5061	1434	4376	0	0	6589	6317	-1018	16170	0	16170	2028	18198	49.95
7	4770	226	243	5239	1397	4391	0	25	7194	6851	-1085	16818	0	16818	2083	18901	49.91
8	4707	227	243	5177	1144	4430	0	243	7444	7401	-1223	17172	0	17172	2253	19425	49.97
9	4686	231	241	5158	1143	4067	0	584	7609	7987	-1457	17482	0	17482	2562	20044	50.05
10	4671	536	239	5446	1040	3923	0	872	7760	8066	-1627	17720	0	17720	2878	20598	50.02
11	4712	504	228	5444	981	4004	0	1053	8087	8223	-1698	18007	0	18007	3113	21120	50.02
12	4684	386	226	5296	862	4014	0	1157	8105	8156	-1631	17854	0	17854	3195	21049	50.01
13	4603	390	237	5230	770	4003	0	1084	7927	7743	-1595	17235	0	17235	3166	20401	50.01
14	4607	273	226	5106	673	4104	0	1000	7772	7764	-1565	17082	0	17082	3044	20126	50.03
15	4753	227	225	5205	667	4128	0	871	8173	8249	-1672	17448	0	17448	3087	20535	49.87
16	4966	214	227	5407	861	4199	0	633	8539	8191	-1758	17533	0	17533	3098	20631	50.01
17	4861	258	236	5355	868	4086	0	329	8354	8287	-1668	17257	0	17257	3031	20288	49.97
18	4888	527	239	5654	983	4286	0	57	7684	7637	-1554	17063	0	17063	2925	19988	50.01
19	5150	1151	229	6530	996	4925	0	0	7336	7459	-1337	18573	0	18573	2898	21471	49.99
20	5160	437	230	5827	1113	4981	0	0	7353	7460	-1339	18042	0	18042	2820	20862	50.06
21	4958	541	231	5730	1199	4573	0	0	6729	7012	-1358	17156	0	17156	2667	19823	50.00
22	4902	368	242	5512	1084	4429	0	0	6710	6401	-1373	16053	0	16053	2559	18612	49.99
23	4880	309	242	5431	1042	4379	0	0	6612	6850	-1400	16302	0	16302	2505	18807	49.94
24	4759	224	242	5225	908	4185	0	0	6671	6229	-1121	15426	0	15426	2509	17935	50.03
MUs	114.42	8.39	5.67	128.48	25.89	100.91	0.00	7.91	173.78	170.38	-32.55	401.02	0.00	401.02	63.12	464.14	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 18/Oct/2021

Position as on 6.30 Hrs of 19/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	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	18/10/2021	14.23	due to PA Fan Tripped.	
IPP	Adani U-4	660	18/10/2021	08.10	18/10/2021	12.54	Due To Main Fuel Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 19/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	17/10/2021	15.28	18/10/2021	03.52	T	Due To Base filter Tripped.
Chandrapur - Padghe Hvdc Pole 1	IntraState	18/10/2021	23.08	19/10/2021	05.16	EO	Blocked Emergency outage availed.
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	18/10/2021	15.37	HT	To control line loading of 400KV Kalwa-Talegaon PG
Padghe - Nagothane - I	IntraState	18/10/2021	07.05	18/10/2021	16.34	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	19/10/2021	00.19	19/10/2021	05.02	PO	Availed chemical washing on disc insulator.
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT III @Karad	IntraState	18/10/2021	09.04	18/10/2021	18.51	PO	For Bushing & CT Tan Delta work & for replacement of 220 KV Bus-II to 29 B jumper by Hot line Method.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	18/10/2021	11.34	18/10/2021	19.21	PO	Diagnostic testing & Relay testing work & Isolator replacement work
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)
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34		Continued.	EO	CB Compressor Overhauling Work.
Vita-Wayphale	IntraState	18/10/2021	10.45	18/10/2021	16.13	PO	C & Tan Delta Testing.
Pargaon(Kathapur)-Lonikand	IntraState	18/10/2021	11.45		Continued.	PO	245KV CB Poles overhauling work And General maintenance work.
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	18/10/2021	12.17		Continued.	PO	Breaker Overhauling.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	18/10/2021	14.37	18/10/2021	19.35	PO	For New PT Extension Work.
Karad(400kv) -Nigade	IntraState	18/10/2021	14.52	18/10/2021	19.17	PO	For New PT Extension Work.
Dhule-Chalisagaon	IntraState	18/10/2021	16.01	18/10/2021	16.43	T	Bus bar protection operated.
Ranjangaon-Lonikand	IntraState	18/10/2021	16.44	18/10/2021	16.56	T	Distance Protection
Aurangabad (Waluj)-Bhenda	IntraState	18/10/2021	17.45	18/10/2021	19.34	EO	Availed to attend CT oil leakage.
220 KV ICT Outages/Trippings							
220/33 Kv 50 Mva Imp Ptr 2 @Sonkar	IntraState	18/10/2021	07.45	18/10/2021	18.08	PO	T/F Balance painting work.
220/33kv 100MVA Transformer 1 @Versova R/S	IntraState	18/10/2021	09.53		Continued.	PO	220kv Circuit Breaker (652) Operating Mechanism Overhauling work of 100 MVA TR- 1 along with Annual Maintenance Work.
220/132 Kv 200 MVA ICT I @Dhule	IntraState	18/10/2021	16.01	18/10/2021	16.32	T	Bus bar protection operated.
220/132 Kv 200MVA ICT II @Dhule	IntraState	18/10/2021	16.01	18/10/2021	16.41	T	Bus bar protection operated.

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