

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Oct/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.396	2512.549	1) Gujrat	-5.044	-188.526
2) Hydro	17.204	534.352	2) Madhya Pradesh	12.875	166.591
3) Gas	4.284	105.116	3) Chattisgarh	6.750	100.590
Total MSPGCL	148.884	3152.017	4) Maharashtra	151.609	3056.981
B) 1) APML	64.123	1197.891	5) Goa (Amona)	-1.081	-22.966
2) JSWEL	16.055	385.314	Total	165.109	3112.670
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.537	544.629
4) RPL(AMT)	19.340	327.691	b) Mumbai Drawl	31.725	566.476
5) SWPGPL	5.627	111.719	c) MSEDCL Bilateral *	40.395	825.308
6) Other IPP	8.813	121.859	Include PX	5.304	171.505
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.537	544.515
C) 1) TPCL Thermal	14.139	327.805	Include PX	7.246	69.520
2) TPCL Hydro	3.590	95.783	Standby	0.000	0.114
3) TPCL Gas	3.084	68.070	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.724	222.788	1) MSEDCL	413.648	8147.115
D) STATE			2) Mumbai Discoms	62.262	1280.924
1) Thermal	265.217	5207.616	TOTAL STATE	475.910	9428.039
(A1+C1+C4+(B1-B6))					
2) Hydro	20.794	630.135			
(A2+C2)					
3) Gas	7.368	173.186			
(A3+B7+C3)					
4) Wind	8.894	152.054			
6) SOLAR	8.528	152.376			
TOTAL STATE	310.801	6315.367			

* 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 3 Hrs
MSPGCL Thermal	5259	5087	5671	5146
MSPGCL Hydro	561	423	1778	253
MSPGCL Gas	230	207	180	144
MSPGCL Total Generation	6050	5717	7629	5543
Central Sector Receipt	8055	8089	7173	5902
WIND	382	121	303	549
CPP / IPP Thermal	4549	4560	4871	4924
CPP / IPP Gas	0	0	0	0
SOLAR	1078	1148	0	0
Exchange with Mumbai	-1777	-1813	-1337	-1069
MSEDCL DEMAND MET	18337	17822	18639	15849
Load Shedding	0	0	0	0
MSEDCL DEMAND	18337	17822	18639	15849
TPCL GENERATION	799	768	1175	657
AEML GENERATION	439	453	446	303
MUMBAI DEMAND	3015	3034	2958	2029
STATE DEMAND MET	21352	20856	21597	17878
STATE DEMAND	21352	20856	21597	17878
Frequency (Hz)	50.04	49.96	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 09.05 Hrs	49.68 Hz at 14.44 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 21/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.49	63.20	150	0
Unit 7	0.00	0.00	0	0
Unit 8	9.87	245.28	455	372
Unit 9	9.30	172.98	435	345
Unit 10	9.89	156.53	467	379
Total	31.56	637.98		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.42	177.50	415	305
Unit 5	8.37	122.18	410	300
Total	16.79	299.68		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.58	91.29	230	176
Unit 8	4.31	86.95	209	169
Total	8.90	178.24		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.08	49.66	165	110
Unit 5	8.04	105.24	380	310
Unit 6	0.00	98.28	0	0
Unit 7	8.66	155.93	380	320
Unit 8	9.89	185.29	436	362
Unit 9	9.94	182.53	435	390
Total	39.63	776.94		
Paras				
Unit 3	4.24	89.73	205	125
Unit 4	4.32	33.84	206	149
Total	8.56	123.57		
Khaparkheda				
Unit 1	0.00	44.83	0	0
Unit 2	3.40	65.00	165	125
Unit 3	3.75	72.22	175	130
Unit 4	3.89	73.67	180	144
Unit 5	7.62	163.24	345	290
Total	18.66	418.96		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.31	77.17	177	122
Unit 5	0.00	0.00	0	0
Total	3.31	77.17		
Uran				
All Units	4.28	105.12	242	138
Total	4.28	105.12		
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)	0.49	10.63	25	18
Total	0.49	10.63		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.74	112.35	525	40
Stage 4	5.38	212.77	841	0
Stage 3	1.83	70.08	240	0
Total	10.95	395.20		
Hydro				
KDPH	0.22	0.22	17	0
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	6.81	63	0
SMLHY_PTN	5.21	115.91	229	200
GHATGHAR	0.59	12.06	125	0
Total	6.25	139.15		
Wind				
Total	8.89	152.05	0	0
Total	8.89	152.05		
CPP				
APML(Mus)	64.12	1197.89	0	0
JSWEL(Mus)	16.06	385.31	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.34	327.69	0	0
SWPGPL-Mus	5.63	111.72	0	0
Other(Mus)	8.81	121.86	0	0
Total	113.96	2144.47		
SOLAR				
Total	8.53	152.38	0	0
Total	8.53	152.38		
Tata				
Trombay 5	9.46	220.78	467	324
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	40.80	113	48
Trombay 7B	1.27	27.27	66	40
Trombay 8	4.68	107.03	219	167
TATA Hydro	3.59	95.78	420	9
Total	20.81	491.66		
AEMIL				
DTPS U-1&2	9.72	222.79	500	303
Total	9.72	222.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.40	2512.55	MSPGCL Total	148.88	3152.02
			MSPGCL Thml+Gas	131.68	2617.66	Koyna 1,2 & 4 Total	9.12	325.12
			MSPGCL Hydro	17.20	534.35	State Total	310.80	6315.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	5031	259	142	5432	575	5179	0	0	5671	5593	-1211	15568	0	15568	2334	17902	50.04
2	5053	258	144	5455	538	4954	0	0	5932	6210	-1126	16031	0	16031	2167	18198	50.02
3	5146	253	144	5543	549	4924	0	0	5978	5902	-1069	15849	0	15849	2029	17878	49.99
4	5148	259	145	5552	582	4909	0	0	5923	5951	-985	16009	0	16009	1929	17938	50.01
5	5208	256	155	5619	614	4912	0	0	6197	6347	-955	16537	0	16537	1909	18446	50.01
6	5232	614	145	5991	668	4874	0	0	6297	6437	-917	17053	0	17053	1956	19009	49.97
7	5320	977	145	6442	604	4897	0	49	6469	6458	-830	17620	0	17620	2033	19653	50.00
8	5405	976	144	6525	451	4965	0	290	6421	6673	-847	18057	0	18057	2192	20249	50.02
9	5291	705	151	6147	381	4615	0	648	6854	7202	-1218	17775	0	17775	2489	20264	50.07
10	5348	651	242	6241	508	4576	0	917	7500	7613	-1663	18192	0	18192	2798	20990	50.08
11	5259	561	230	6050	382	4549	0	1078	8010	8055	-1777	18337	0	18337	3015	21352	50.04
12	5306	563	238	6107	178	4578	0	1182	7957	7941	-1775	18211	0	18211	3091	21302	50.01
13	5087	423	207	5717	121	4560	0	1148	7839	8089	-1813	17822	0	17822	3034	20856	49.96
14	5097	430	205	5732	43	4550	0	1138	7566	7736	-1657	17542	0	17542	2942	20484	49.97
15	5298	570	194	6062	42	4569	0	981	8064	7897	-1783	17768	0	17768	2997	20765	49.80
16	5366	898	197	6461	44	4676	0	669	7697	7528	-1633	17745	0	17745	3062	20807	50.02
17	5339	1265	147	6751	64	4632	0	363	7229	7196	-1417	17589	0	17589	3030	20619	49.99
18	5366	1268	138	6772	184	4845	0	65	6833	7031	-1303	17594	0	17594	2965	20559	50.00
19	5671	1778	180	7629	303	4871	0	0	6688	7173	-1337	18639	0	18639	2958	21597	50.02
20	5611	1600	230	7441	335	4872	0	0	6685	6768	-1323	18093	0	18093	2882	20975	50.04
21	5366	1033	241	6640	377	4879	0	0	6410	6544	-1254	17186	0	17186	2756	19942	50.01
22	5481	639	222	6342	316	4662	0	0	6207	6416	-1261	16475	0	16475	2618	19093	50.00
23	5488	399	144	6031	447	4654	0	0	6118	6168	-1263	16037	0	16037	2534	18571	50.00
24	5479	569	154	6202	588	4257	0	0	5889	6181	-1308	15920	0	15920	2542	18462	50.01
MUs	127.40	17.20	4.28	148.88	8.89	113.96	0.00	8.53	162.43	165.11	-31.72	413.65	0.00	413.65	62.26	475.91	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 21/Oct/2021

Position as on 6.30 Hrs of 22/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	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Boiler Tripped On Total Air Flow less than 30%.(Converted to AOH 00:00 hrs 18.10.2021)	
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	22/10/2021	03.20	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.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	20/10/2021	23.18	21/10/2021	01.43	Tripped On Failure.	
MSPGCL	Uran Unit 6	108	21/10/2021	16.32	21/10/2021	18.34	Gas shortage	
MSPGCL	Uran Unit 6	108	21/10/2021	22.03		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
Chakan Talegaon(Pg)	InterState	21/10/2021	00.58	21/10/2021	06.33	EO	Attending Hot Spot
Chakan Talegaon(Pg)	InterState	21/10/2021	16.20	21/10/2021	01.34	EO	To attend Hot Spot
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).
Padghe - Nagothane - I	IntraState	20/10/2021	09.31	21/10/2021	01.26	PO	jumper tightening work.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	20/10/2021	21.34	21/10/2021	00.54	HT	Hotspot at Waluj End.
Akola II - Akola I Ckt-II	IntraState	21/10/2021	09.10	21/10/2021	18.55	PO	Routine Maintenance Work
Padghe - Nagothane - II	IntraState	21/10/2021	11.30	21/10/2021	18.51	PO	Jumper Tightening work
Jejuri- Koynastage-IV	IntraState	22/10/2021	01.48	22/10/2021	05.38	PO	Chemical washing of Insulator
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 1 @Parali (Girwali)	IntraState	21/10/2021	09.02	21/10/2021	18.44	PO	Bay maintenance work
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	21/10/2021	12.04	21/10/2021	18.35	PO	Annual Maintenance Work
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	21/10/2021	17.04	22/10/2021	01.36	PO	Replacement of CB Isolator
400/220 KV 500MVA ICT II @ Nanded	IntraState	21/10/2021	22.00	22/10/2021	00.33	EO	To attend 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)
Boisar Tarapur	InterState	20/10/2021	09.14		Continued.	PO	Line Maintenance work
Borivali - Tarapur	InterState	21/10/2021	11.05	21/10/2021	18.08	PO	Line Maintenance work
WARDHA WARDHA (PG) (DEOLI)	InterState	22/10/2021	05.52	22/10/2021	06.15	HT	To Control Overdrawal
BADNERA - WARDHA (PG) (Deoli)	InterState	22/10/2021	05.54	22/10/2021	06.15	HT	To Control Overdrawal
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34		Continued.	EO	CB Compressor Overhauling Work.
Bableshtar Ahamadnagar-Ii	IntraState	20/10/2021	22.30	21/10/2021	01.40	EO	Attending Hot Spot
Khadka-Chalisgaon-1	IntraState	21/10/2021	09.40	21/10/2021	17.01	PO	Replacement of Nut Bolt
Shirsuphal-Kurkumbh	IntraState	21/10/2021	09.40	21/10/2021	18.06	PO	Line Maintenance work
Vankuswade - Kdph	IntraState	21/10/2021	10.05	21/10/2021	18.10	PO	Fixing of double jumpering
Wardha-Yeotmal	IntraState	21/10/2021	10.11	21/10/2021	14.28	PO	Replacement of Broken String
Kalwa - Mulund 2	IntraState	21/10/2021	10.15	21/10/2021	12.35	PO	CC replacement work
WARORA WANI-I	IntraState	21/10/2021	11.09	21/10/2021	15.19	PO	Routine Maintenance Work
Pedhambe - Oni	IntraState	21/10/2021	11.10	21/10/2021	12.10	T	Distance Protection
Nanded- Bhokar I	IntraState	21/10/2021	11.26	21/10/2021	13.30	PO	Bay Maintenance work
Padghe - Jambhul 1	IntraState	21/10/2021	14.55	21/10/2021	15.12	T	Distance Protection
Lonikand-VSNL	IntraState	21/10/2021	21.28	21/10/2021	22.34	T	B Phase CT Blast
Padghe - Jindal	IntraState	21/10/2021	23.27	22/10/2021	03.02	PO	To attend Hot Spot
Kandalgaon - Pirangut	IntraState	22/10/2021	01.48	22/10/2021	04.47	EO	To attend Hot Spot
Bhugaon-WardhaPG (Deoli)	IntraState	22/10/2021	05.49	22/10/2021	06.11	HT	To Control Overdrawal
220 KV ICT Outages/Trippings							
220/33kv 100MVA Transformer 1 @Versova R/S	IntraState	18/10/2021	09.53		Continued.	PO	220kv CB operating Mechanism Overhauling 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 21/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33KV 100MVA ICT II @ chakan	IntraState	21/10/2021	10.02	21/10/2021	17.45	PO	Testing Work
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	21/10/2021	11.30	21/10/2021	18.46	PO	Testing Work
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	21/10/2021	12.37	21/10/2021	17.58	EO	Attending Oil Leakage
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	21/10/2021	16.15	21/10/2021	19.45	EO	Y phase metering PT Burst