

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Oct/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.202	1251.045	1) Gujrat	-13.008	-98.623
2) Hydro	29.802	353.156	2) Madhya Pradesh	4.760	88.881
3) Gas	5.030	51.626	3) Chattisgarh	3.650	52.050
Total MSPGCL	161.034	1655.827	4) Maharashtra	142.951	1564.834
B) 1) APML	53.162	573.670	5) Goa (Amona)	-1.117	-12.331
2) JSWEL	20.006	213.717	Total	137.236	1594.811
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.573	255.743
4) RPL(AMT)	13.026	153.443	b) Mumbai Drawl	26.496	276.838
5) SWPGPL	6.128	53.330	c) MSEDCL Bilateral *	36.913	434.785
6) Other IPP	6.212	58.411	Include PX	4.459	111.158
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.573	255.743
C) 1) TPCL Thermal	15.677	179.238	Include PX	1.413	21.324
2) TPCL Hydro	5.139	55.441	Standby	0.000	0.000
3) TPCL Gas	3.156	30.635	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.275	122.948	1) MSEDCL	380.954	4164.078
D) STATE			2) Mumbai Discoms	60.745	665.102
1) Thermal	250.688	2605.802	TOTAL STATE	441.699	4829.180
(A1+C1+C4+(B1-B6))					
2) Hydro	34.941	408.597			
(A2+C2)					
3) Gas	8.186	82.261			
(A3+B7+C3)					
4) Wind	3.262	62.538			
6) SOLAR	7.384	75.169			
TOTAL STATE	304.461	3234.367			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5180	5362	5771	5007
MSPGCL Hydro	1506	747	2240	583
MSPGCL Gas	229	195	234	202
MSPGCL Total Generation	6915	6304	8245	5792
Central Sector Receipt	6146	6187	6126	4940
WIND	60	175	128	176
CPP / IPP Thermal	4130	4046	4138	4099
CPP / IPP Gas	0	0	0	0
SOLAR	791	614	0	0
Exchange with Mumbai	-1362	-1325	-1129	-702
MSEDCL DEMAND MET	16680	16001	17508	14305
Load Shedding	0	0	0	0
MSEDCL DEMAND	16680	16001	17508	14305
TPCL GENERATION	1026	1226	1237	807
AEML GENERATION	392	500	381	435
MUMBAI DEMAND	2780	3051	2747	1944
STATE DEMAND MET	19460	19052	20255	16249
STATE DEMAND	19460	19052	20255	16249
Frequency (Hz)	50.02	49.92	49.99	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.68 Hz at 17.43 Hrs	49.95	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 11/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.17	30.04	190	160
Unit 7	0.00	0.00	0	0
Unit 8	11.56	135.89	594	438
Unit 9	10.64	125.15	540	403
Unit 10	11.40	48.82	530	420
Total	37.77	339.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.92	94.20	470	420
Unit 5	0.00	43.71	0	0
Total	10.92	137.91		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.27	47.20	227	169
Unit 8	4.31	46.38	202	163
Total	8.58	93.57		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.59	13.99	160	110
Unit 5	0.00	40.51	0	0
Unit 6	7.34	58.40	370	250
Unit 7	8.03	77.88	362	293
Unit 8	8.45	91.05	380	312
Unit 9	7.78	90.66	359	304
Total	35.20	372.49		
Paras				
Unit 3	4.80	49.06	215	170
Unit 4	0.00	0.00	0	0
Total	4.80	49.06		
Khaparkheda				
Unit 1	2.88	29.94	140	105
Unit 2	3.61	35.90	165	130
Unit 3	4.08	37.77	187	154
Unit 4	3.71	39.34	167	140
Unit 5	10.60	76.38	480	420
Total	24.87	219.34		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.06	38.75	183	136
Unit 5	0.00	0.00	0	0
Total	4.06	38.75		
Uran				
All Units	5.03	51.63	253	142
Total	5.03	51.63		
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)	0.40	5.53	24	0
Total	0.40	5.53		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.06	71.22	480	40
Stage 4	13.60	153.78	1020	0
Stage 3	4.19	48.15	320	0
Total	22.84	273.14		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.32	3.72	59	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.41	4.13	60	0
SMLHY_PTN	5.82	65.46	253	226
GHATGHAR	0.41	6.70	250	0
Total	6.96	80.02		
Wind				
Total	3.26	62.54	0	0
Total	3.26	62.54		
CPP				
APML(Mus)	53.16	573.67	0	0
JSWEL(Mus)	20.01	213.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	13.03	153.44	0	0
SWPGPL-Mus	6.13	53.33	0	0
Other(Mus)	6.21	58.41	0	0
Total	98.53	1052.57		
SOLAR				
Total	7.38	75.17	0	0
Total	7.38	75.17		
Tata				
Trombay 5	10.46	121.62	482	252
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.86	17.83	92	56
Trombay 7B	1.30	12.80	59	46
Trombay 8	5.22	57.62	219	207
TATA Hydro	5.14	55.44	445	0
Total	23.97	265.31		
AEML				
DTPS U-1&2	10.28	122.95	502	328
Total	10.28	122.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.20	1251.04	MSPGCL Total	161.03	1655.83
			MSPGCL Thml+Gas	131.23	1302.67	Koyna 1,2 & 4 Total	18.65	224.99
			MSPGCL Hydro	29.80	353.16	State Total	304.46	3234.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4956	1268	200	6424	220	4000	0	0	5177	5038	-965	14716	0	14716	2308	17024	49.91
2	4977	992	212	6181	200	4032	0	0	5083	4691	-838	14266	0	14266	2145	16412	49.94
3	5007	843	191	6041	166	4034	0	0	5038	4788	-785	14244	0	14244	2037	16280	49.98
4	5007	583	202	5792	176	4099	0	0	4961	4940	-702	14305	0	14305	1944	16249	49.94
5	5042	910	202	6154	180	4131	0	0	4945	5219	-696	14988	0	14988	1922	16910	49.91
6	5009	1470	202	6681	166	4174	0	0	5178	5476	-706	15791	0	15791	1978	17769	49.99
7	5053	1725	211	6989	172	4173	0	23	5953	5812	-712	16457	0	16457	2033	18490	49.96
8	5158	1605	232	6995	114	4143	0	224	6467	6315	-931	16860	0	16860	2174	19034	49.96
9	5166	1574	232	6972	87	4160	0	508	6007	6215	-1160	16782	0	16782	2471	19252	49.99
10	5180	1506	229	6915	60	4130	0	791	6225	6146	-1362	16680	0	16680	2780	19460	50.02
11	5242	1012	228	6482	40	4118	0	948	6599	6270	-1535	16323	0	16323	2974	19297	49.98
12	5311	540	226	6077	33	4113	0	1062	6787	6128	-1525	15888	0	15888	3030	18918	49.98
13	5332	314	216	5862	40	4064	0	1018	6680	6198	-1606	15576	0	15576	3004	18580	49.99
14	5275	313	195	5783	59	4000	0	966	6352	6177	-1459	15526	0	15526	2919	18445	50.01
15	5270	306	194	5770	110	4007	0	871	6443	6302	-1346	15714	0	15714	2997	18711	50.00
16	5362	747	195	6304	175	4046	0	614	6271	6187	-1325	16001	0	16001	3051	19052	49.92
17	5394	1083	206	6683	185	4087	0	292	6161	5854	-1241	15860	0	15860	3000	18860	49.87
18	5474	1195	209	6878	173	4166	0	67	5992	5810	-1126	15968	0	15968	2896	18864	49.82
19	5763	1838	232	7833	135	4246	0	0	6336	6298	-1125	17387	0	17387	2795	20182	49.85
20	5771	2240	234	8245	128	4138	0	0	6338	6126	-1129	17508	0	17508	2747	20255	49.99
21	5720	1917	253	7890	178	4195	0	0	5606	5658	-1060	16861	0	16861	2618	19479	49.99
22	5334	1951	233	7518	144	4122	0	0	5483	5333	-1039	16078	0	16078	2505	18583	50.01
23	5211	2036	154	7401	179	4010	0	0	5323	5226	-1054	15762	0	15762	2224	17986	49.88
24	5188	1834	142	7164	142	4146	0	0	5310	5029	-1069	15412	0	15412	2191	17603	49.92
MUs	126.20	29.80	5.03	161.03	3.26	98.53	0.00	7.38	140.71	137.24	-26.50	380.95	0.00	380.95	60.74	441.70	49.95

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 11/Oct/2021

Position as on 6.30 Hrs of 12/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-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,28.09.2021)	
MSPGCL	Paras Unit 4	250	26/09/2021	07.47		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	02/10/2021	20.45		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 5	500	06/10/2021	21.05		Continued.	Poor coal receipt.	
MSPGCL	Chandrapur Unit 5	500	07/10/2021	21.26		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	07/10/2021	22.09		Continued.	Gas shortage	
IPP	Adani U-3	660	08/10/2021	21.12		Continued.	APH-B hot PA below leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 12/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
Alkud-Solapur(PG)	InterState	11/10/2021	11.44	11/10/2021	18.35	PO	Annual Maintenance Work
Wardha (Pg) Warora I	InterState	11/10/2021	11.52	11/10/2021	19.42	PO	Attending isolator problem of 89LB of Bay no 420 and Line/Bus/Tie CT TAN DELTA,IR and isolater maintenance work etc.
Bhusawal-Aurangabad	IntraState	06/10/2021	22.31	11/10/2021	12.33	HT	Over Voltage
Girwali- Lonikand 2	IntraState	10/10/2021	11.02	11/10/2021	06.34	PO	Reactor Backup Relay Retrofitting Work. Bay Maintenance Work.
Karad-Jaigad - I	IntraState	10/10/2021	21.16		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	11/10/2021	08.27	11/10/2021	17.35	PO	Live line installation of OPGW by MTCIL, and PID Testing Auto-Reclose function to be out of servic.
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).
Koradi-Bhusawal	IntraState	11/10/2021	15.22	11/10/2021	16.03	EO	400kV Koradi-Bhusawal Ckt at 400kV Koradi-1 S/S. To attend DC leakage from PRV-1 of 400kV Bhusawal Line Reactor.
N.Koyna-Karad -Ckt II	IntraState	11/10/2021	15.34	11/10/2021	17.47	EO	Attending Hot Spot
Jaigad-New Koyna Ckt-I	IntraState	11/10/2021	22.12		Continued.	EO	Attending Hot Spot (RFC 04.00)
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)
PARLY (PG) - OLD GCR PARLI	InterState	12/10/2021	06.03		Continued.	HT	CONTROL OD
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
Badnera-Akola I	IntraState	10/10/2021	12.42	11/10/2021	00.06	T	BB1 Protection Operated.
Padghe - Kambha	IntraState	10/10/2021	17.28	11/10/2021	20.00	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	11/10/2021	09.56	11/10/2021	18.51	PO	For replacement of polymer insulator strings by long rod porcelain or conductor restringing work.
Karad-Nerle	IntraState	11/10/2021	10.38	11/10/2021	16.35	PO	extension of new PT to main and back up protection circuit.
Talandage - Sawantwadi I	IntraState	11/10/2021	13.42	11/10/2021	15.17	T	Distance Protection
Padghe-Kamba II	IntraState	11/10/2021	14.45	11/10/2021	20.08	PO	For safety purpose, to attend the Bph (Top) broken insulator string of 220kV Padgha Kamba 1 line on Top ckt on M/C tower at Loc no. 36.
Uran - Kharghar I	IntraState	11/10/2021	17.37	11/10/2021	18.36	T	Distance Protection
Pedhambe - Oni	IntraState	11/10/2021	18.01	11/10/2021	18.40	T	Distance Protection
New Koyna - Niwali	IntraState	11/10/2021	18.01	11/10/2021	18.15	T	Distance Protection
Oni Kharepatan Line	IntraState	11/10/2021	18.01	11/10/2021	18.30	T	Due To Heavy Rain.
Padghe - Nalasopara	IntraState	11/10/2021	22.12		Continued.	EO	Attending Hot Spot
Bhugaon-WardhaPG (Deoli)	IntraState	12/10/2021	05.30		Continued.	HT	CONTROL OD
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	09/10/2021	10.20		Continued.	PO	Diagnostic Testing 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 11/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 12/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kV 125 MVA T/F-III @ Goregaon	IntraState	11/10/2021	10.20	11/10/2021	16.57	PO	Attending minor oil leakage from LV Disconnecting chamber.