

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.858	114.858	1) Gujrat	-3.370	-3.370
2) Hydro	26.980	26.980	2) Madhya Pradesh	10.675	10.675
3) Gas	4.923	4.923	3) Chattisgarh	5.500	5.500
Total MSPGCL	146.761	146.761	4) Maharashtra	140.797	140.797
B) 1) APML	46.010	46.010	5) Goa (Amona)	-1.289	-1.289
2) JSWEL	17.495	17.495	Total	152.313	152.313
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.474	22.474
4) RPL(AMT)	16.953	16.953	b) Mumbai Drawl	24.626	24.626
5) SWPGPL	4.815	4.815	c) MSEDCL Bilateral *	43.528	43.528
6) Other IPP	4.621	4.621	Include PX	16.016	16.016
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.474	22.474
C) 1) TPCL Thermal	16.732	16.732	Include PX	4.485	4.485
2) TPCL Hydro	4.881	4.881	Standby	0.000	0.000
3) TPCL Gas	2.257	2.257	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.562	10.562	1) MSEDCL	376.398	376.398
D) STATE			2) Mumbai Discoms	59.058	59.058
1) Thermal	232.046	232.046	TOTAL STATE	435.456	435.456
(A1+C1+C4+(B1-B6))					
2) Hydro	31.861	31.861			
(A2+C2)					
3) Gas	7.180	7.180			
(A3+B7+C3)					
4) Wind	4.853	4.853			
6) SOLAR	7.203	7.203			
TOTAL STATE	283.143	283.143			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4689	4785	5056	4683
MSPGCL Hydro	956	553	2120	1095
MSPGCL Gas	219	245	238	139
MSPGCL Total Generation	5864	5583	7414	5917
Central Sector Receipt	7980	7393	5924	5083
WIND	48	39	458	135
CPP / IPP Thermal	3853	3427	3870	3939
CPP / IPP Gas	0	0	0	0
SOLAR	603	841	0	0
Exchange with Mumbai	-1197	-1681	-982	-557
MSEDCL DEMAND MET	17151	15602	16684	14517
Load Shedding	0	0	0	0
MSEDCL DEMAND	17151	15602	16684	14517
TPCL GENERATION	894	1000	1247	806
AEML GENERATION	350	286	501	502
MUMBAI DEMAND	2441	2967	2730	1865
STATE DEMAND MET	19592	18569	19414	16382
STATE DEMAND	19592	18569	19414	16382
Frequency (Hz)	50.06	49.96	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.63 Hz at 18.20 Hrs	49.99	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 01/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.44	3.44	180	115
Unit 7	0.00	0.00	0	0
Unit 8	12.38	12.38	555	476
Unit 9	11.96	11.96	530	467
Unit 10	0.00	0.00	0	0
Total	27.78	27.78		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.44	8.44	410	305
Unit 5	8.26	8.26	395	305
Total	16.70	16.70		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.50	4.50	248	162
Unit 8	4.07	4.07	189	135
Total	8.57	8.57		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	6.13	6.13	275	228
Unit 6	3.36	3.36	255	0
Unit 7	6.48	6.48	280	257
Unit 8	8.16	8.16	400	296
Unit 9	8.48	8.48	432	295
Total	32.61	32.61		
Paras				
Unit 3	3.72	3.72	215	88
Unit 4	0.00	0.00	0	0
Total	3.72	3.72		
Khaparkheda				
Unit 1	2.86	2.86	185	100
Unit 2	2.94	2.94	130	110
Unit 3	3.28	3.28	148	130
Unit 4	3.23	3.23	151	130
Unit 5	9.90	9.90	430	390
Total	22.20	22.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.27	3.27	147	119
Unit 5	0.00	0.00	0	0
Total	3.27	3.27		
Uran				
All Units	4.92	4.92	248	139
Total	4.92	4.92		
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)	0.21	0.21	26	0
Total	0.21	0.21		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.82	4.82	505	40
Stage 4	10.74	10.74	1000	0
Stage 3	3.59	3.59	276	0
Total	19.14	19.14		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.53	0.53	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.36	0.36	40	0
SMLHY_PTN	6.41	6.41	279	256
GHATGHAR	0.54	0.54	240	0
Total	7.84	7.84		
Wind				
Total	4.85	4.85	0	0
Total	4.85	4.85		
CPP				
APML(Mus)	46.01	46.01	0	0
JSWEL(Mus)	17.50	17.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	16.95	16.95	0	0
SWPGPL-Mus	4.82	4.82	0	0
Other(Mus)	4.62	4.62	0	0
Total	89.89	89.89		
SOLAR				
Total	7.20	7.20	0	0
Total	7.20	7.20		
Tata				
Trombay 5	11.42	11.42	482	450
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	1.23	62	48
Trombay 7B	1.02	1.02	51	40
Trombay 8	5.32	5.32	224	219
TATA Hydro	4.88	4.88	459	0
Total	23.87	23.87		
AEML				
DTPS U-1&2	10.56	10.56	502	285
Total	10.56	10.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.86	114.86	MSPGCL Total	146.76	146.76
			MSPGCL Thml+Gas	119.78	119.78	Koyna 1,2 & 4 Total	15.55	15.55
			MSPGCL Hydro	26.98	26.98	State Total	283.14	283.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4638	1200	142	5980	293	3886	0	0	5280	5247	-687	14719	0	14719	2117	16836	50.03
2	4651	1088	140	5879	173	3967	0	0	5203	5334	-618	14735	0	14735	1977	16712	50.04
3	4683	1095	139	5917	135	3939	0	0	5248	5083	-557	14517	0	14517	1865	16382	50.01
4	4691	1080	140	5911	109	3929	0	0	5278	5361	-493	14817	0	14817	1801	16618	50.01
5	4580	1037	150	5767	102	3936	0	0	5592	5880	-477	15208	0	15208	1783	16991	50.00
6	4560	1417	139	6116	75	4016	0	0	6141	6214	-558	15863	0	15863	1865	17728	50.03
7	4529	1872	148	6549	95	4027	0	54	6929	6891	-662	16954	0	16954	1947	18901	50.01
8	4540	1864	230	6634	65	3963	0	312	7288	7207	-818	17363	0	17363	2146	19509	50.04
9	4689	956	219	5864	48	3853	0	603	8013	7980	-1197	17151	0	17151	2441	19592	50.06
10	4776	623	238	5637	62	3697	0	889	7982	7944	-1514	16715	0	16715	2745	19460	50.03
11	4745	944	226	5915	68	3576	0	992	7849	7588	-1646	16493	0	16493	2955	19448	49.97
12	4896	625	225	5746	32	3654	0	949	7975	7657	-1687	16351	0	16351	3021	19372	49.95
13	4785	553	245	5583	39	3427	0	841	7881	7393	-1681	15602	0	15602	2967	18569	49.96
14	4673	498	225	5396	99	3335	0	824	7207	7046	-1611	15089	0	15089	2823	17912	50.05
15	4774	347	225	5346	198	3436	0	767	7141	7222	-1629	15340	0	15340	2841	18181	49.94
16	4794	370	225	5389	172	3509	0	524	6930	6872	-1230	15236	0	15236	2880	18116	50.02
17	4814	680	235	5729	300	3549	0	353	6712	6765	-1168	15528	0	15528	2852	18380	49.94
18	4706	1172	226	6104	367	3640	0	87	6310	6017	-1077	15138	0	15138	2799	17937	49.97
19	4971	1937	225	7133	407	3763	0	8	6359	6180	-1002	16489	0	16489	2749	19238	49.83
20	5056	2120	238	7414	458	3870	0	0	6302	5924	-982	16684	0	16684	2730	19414	49.97
21	5093	1691	228	7012	395	3898	0	0	5513	5467	-861	15911	0	15911	2581	18492	50.01
22	5016	1622	248	6886	371	3761	0	0	5209	5086	-839	15265	0	15265	2495	17760	50.00
23	5061	1329	229	6619	352	3679	0	0	5240	5104	-798	14956	0	14956	2357	17313	49.95
24	5137	860	238	6235	438	3584	0	0	5224	4851	-834	14274	0	14274	2321	16595	49.89
MUs	114.86	26.98	4.92	146.76	4.85	89.89	0.00	7.20	154.81	152.31	-24.63	376.40	0.00	376.40	59.06	435.46	49.99

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 01/Oct/2021

Position as on 6.30 Hrs of 02/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
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	
MSPGCL	Koradi Unit 10	660	28/09/2021	22.46		Continued.	Poor coal receipt	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	30/09/2021	20.11	02/10/2021	18.51	Gas shortage	
MSPGCL	Uran Unit 6	108	01/10/2021	00.06	01/10/2021	06.51	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	01/10/2021	05.38	01/10/2021	09.02	Loss of Reheat protection	
IPP	RPL(AMT) U-3	270	01/10/2021	09.45	01/10/2021	15.05	Turbine dynamics balancing work	
IPP	SWPGPL U-2	135	01/10/2021	15.30		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-3	270	02/10/2021	02.15	02/10/2021	17.04	Turbine dynamic balancing work.	
MSPGCL	Uran Unit 5	108	02/10/2021	20.45		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 02/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
Dhule Sar'Sarovar II	InterState	01/10/2021	08.17	01/10/2021	17.38	PO	Replacement of damaged Earth wire
Kolhapur Solapur (PG) II	InterState	01/10/2021	11.03	01/10/2021	16.46	T	Distance Protection
Dhule Sar'Sarovar I	InterState	01/10/2021	14.01	01/10/2021	15.39	T	Distance Protection
Kolhapur Solapur(PG) I	InterState	02/10/2021	10.53	02/10/2021	14.01	T	Distance Protection
Kolhapur Solapur(PG) I	InterState	02/10/2021	15.00		Continued.	EO	For CVT Replacement.
Koradi 2-IEPL	IntraState	26/09/2021	07.00		Continued.	PO	For for height raising work across.
koaradi II - Wardha(PG)	IntraState	26/09/2021	07.29		Continued.	PO	For for height raising work across Samruddhi highway at chainage No.23+650 (tower no 192 & 193)
Khadka-Aurangabad (Waluj)	IntraState	28/09/2021	20.36	02/10/2021	12.01	HT	Over Voltage
Padghe - Nagothane - II	IntraState	01/10/2021	11.47	02/10/2021	09.36	T	Distance Protection(RFC 20.55Hrs)
Koradi-Bhusawal	IntraState	02/10/2021	12.10	02/10/2021	17.26	EO	Isolator Alignment Work.
Padghe - Nagothane - II	IntraState	02/10/2021	14.39	02/10/2021	16.16	PO	Jumper replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	02/10/2021	20.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23	02/10/2021	00.35	T	Differential protection.
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	01/10/2021	09.08	01/10/2021	18.31	PO	Bay Maintenance and testing work
400 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	01/10/2021	09.54	02/10/2021	18.59	PO	400KV CGL make CB overhauling bye OEM Agency.
400/220 KV 500 MVA ICT- I @Warora	IntraState	01/10/2021	10.04	01/10/2021	16.43	PO	Routine Maintenance Work
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	01/10/2021	19.00	01/10/2021	23.34	T	Differential protection
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	02/10/2021	12.44	02/10/2021	23.52	PO	For Replacement Of Gantry Jumper.(While charging ckt tripped at 17.20 on NDR Alarm.)
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)
Mahalakshmi Amona	InterState	02/10/2021	20.20	02/10/2021	22.50	T	Distance Protection
Tata Borivli MSETCL Borivli 4	IntraState	26/09/2021	20.49		Continued.	PO	for shifting to Spare bay in GIS.
Borivali - Ghodbunder	IntraState	01/10/2021	09.15	01/10/2021	12.29	EO	To attend Hot Spot
Karad - Vita Ckt- I	IntraState	01/10/2021	09.45	01/10/2021	17.20	PO	Conversion of SSN to DSN
Chandrapur GCR - Sicom I	IntraState	01/10/2021	10.19	01/10/2021	19.55	PO	Routine Maintenance Work
Uran - Hoc 1	IntraState	01/10/2021	11.21	01/10/2021	14.19	EO	To attend Hot Spot
JEJURI (400 Kv) - GIS KONDHWA	IntraState	01/10/2021	12.07	01/10/2021	15.45	PO	To refill SF6 Gas in CB
Umred-Virangana 1	IntraState	01/10/2021	12.51	01/10/2021	13.58	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	01/10/2021	13.34	01/10/2021	18.50	PO	Insulator String replacement
Uran - Apta III	IntraState	01/10/2021	14.33	01/10/2021	16.51	EO	To attend Hot Spot
OSMANABAD PARANDA	IntraState	01/10/2021	15.26	02/10/2021	22.31	T	Distance Protection
Vita-Hiwarwadi	IntraState	02/10/2021	00.07	02/10/2021	07.30	T	Distance Protection
Phulambri-Bhokardan	IntraState	02/10/2021	05.25	02/10/2021	08.15	T	220KV bus bar protection OPTD.
Loteparshuram- Dasturi Line	IntraState	02/10/2021	11.17	02/10/2021	13.50	PO	Replacement Of Y-Phase Wave trap Bottom Damaged Jumper & Attending Red Hot R-Phase CT

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 01/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 02/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Of 220KV Dasturi-Lote Line At Dasturi s/s.
Pophali - Nerale	IntraState	02/10/2021	12.15	02/10/2021	14.40	T	Distance Protection
Sawantwadi-Bidri	IntraState	02/10/2021	13.30	02/10/2021	17.14	T	Distance Protection
TALEGAON - TALEGAON ambi (PG) -I	IntraState	02/10/2021	15.26	02/10/2021	17.30	PO	Half Yearly Maintenance Work.
Lamboti(solapur)-Karkamb	IntraState	02/10/2021	15.36	02/10/2021	16.43	T	Distance Protection
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	01/10/2021	11.25	01/10/2021	15.22	T	CB Overhauling work
220/33kV 125 MVA T/F-III @ Goregaon	IntraState	01/10/2021	12.35	01/10/2021	15.27	EO	Attending Oil Leakage

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