

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.484	227.342	1) Gujrat	-8.449	-11.819
2) Hydro	21.940	48.920	2) Madhya Pradesh	9.548	20.223
3) Gas	5.651	10.574	3) Chattisgarh	4.170	9.670
Total MSPGCL	140.075	286.836	4) Maharashtra	141.467	282.264
B) 1) APML	48.167	94.177	5) Goa (Amona)	-0.748	-2.037
2) JSWEL	17.193	34.688	Total	145.988	298.301
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.446	44.920
4) RPL(AMT)	13.702	30.655	b) Mumbai Drawl	23.798	48.424
5) SWPGPL	3.006	7.821	c) MSEDCL Bilateral *	43.960	87.489
6) Other IPP	4.604	9.225	Include PX	16.534	32.549
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.446	44.920
C) 1) TPCL Thermal	15.832	32.564	Include PX	5.206	9.690
2) TPCL Hydro	3.491	8.372	Standby	0.000	0.000
3) TPCL Gas	2.124	4.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.649	21.211	1) MSEDCL	359.123	735.521
D) STATE			2) Mumbai Discoms	55.894	114.952
1) Thermal	225.637	457.683	TOTAL STATE	415.017	850.473
(A1+C1+C4+(B1-B6))					
2) Hydro	25.431	57.292			
(A2+C2)					
3) Gas	7.775	14.955			
(A3+B7+C3)					
4) Wind	4.754	9.607			
6) SOLAR	5.432	12.635			
TOTAL STATE	269.029	552.172			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4636	4584	4748	4997
MSPGCL Hydro	436	1367	2073	330
MSPGCL Gas	228	225	239	239
MSPGCL Total Generation	5300	6176	7060	5566
Central Sector Receipt	7949	6116	6643	4582
WIND	200	132	142	382
CPP / IPP Thermal	3450	3867	4063	3529
CPP / IPP Gas	0	0	0	0
SOLAR	484	70	0	0
Exchange with Mumbai	-1548	-892	-909	-665
MSEDCL DEMAND MET	15835	15469	16999	13394
Load Shedding	0	0	0	0
MSEDCL DEMAND	15835	15469	16999	13394
TPCL GENERATION	554	1149	1188	770
AEML GENERATION	286	501	501	500
MUMBAI DEMAND	2388	2542	2598	1935
STATE DEMAND MET	18223	18011	19597	15329
STATE DEMAND	18223	18011	19597	15329
Frequency (Hz)	50.02	50.02	49.95	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.78 Hz at 01.44 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 02/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	6.52	160	95
Unit 7	0.00	0.00	0	0
Unit 8	12.31	24.69	579	372
Unit 9	12.02	23.97	555	368
Unit 10	0.00	0.00	0	0
Total	27.41	55.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.89	16.34	395	270
Unit 5	8.23	16.48	400	290
Total	16.12	32.82		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.30	8.80	238	162
Unit 8	4.14	8.20	186	152
Total	8.43	17.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	5.99	12.12	280	205
Unit 6	5.33	8.69	257	175
Unit 7	6.39	12.87	294	228
Unit 8	7.75	15.91	360	271
Unit 9	7.64	16.13	401	275
Total	33.11	65.72		
Paras				
Unit 3	4.18	7.90	210	147
Unit 4	0.00	0.00	0	0
Total	4.18	7.90		
Khaparkheda				
Unit 1	1.95	4.82	90	60
Unit 2	2.20	5.14	100	85
Unit 3	3.10	6.37	140	125
Unit 4	3.07	6.30	132	122
Unit 5	9.38	19.28	425	360
Total	19.71	41.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.52	6.79	165	120
Unit 5	0.00	0.00	0	0
Total	3.52	6.79		
Uran				
All Units	5.65	10.57	308	198
Total	5.65	10.57		
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)	0.41	0.62	41	0
Total	0.41	0.62		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.86	9.67	525	40
Stage 4	6.63	17.37	1018	0
Stage 3	2.43	6.02	320	0
Total	13.92	33.06		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.58	1.11	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.34	0.70	40	0
SMLHY_PTN	6.56	12.97	285	254
GHATGHAR	0.54	1.07	125	0
Total	8.02	15.86		
Wind				
Total	4.75	9.61	0	0
Total	4.75	9.61		
CPP				
APML(Mus)	48.17	94.18	0	0
JSWEL(Mus)	17.19	34.69	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	13.70	30.66	0	0
SWPGPL-Mus	3.01	7.82	0	0
Other(Mus)	4.60	9.22	0	0
Total	86.67	176.57		
SOLAR				
Total	5.43	12.64	0	0
Total	5.43	12.64		
Tata				
Trombay 5	10.75	22.17	484	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.15	2.39	49	48
Trombay 7B	0.97	2.00	41	40
Trombay 8	5.08	10.40	223	134
TATA Hydro	3.49	8.37	456	0
Total	21.45	45.32		
AEML				
DTPS U-1&2	10.65	21.21	503	284
Total	10.65	21.21		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.48	227.34	MSPGCL Total	140.08	286.84
			MSPGCL Thml+Gas	118.14	237.92	Koyna 1,2 & 4 Total	11.49	27.04
			MSPGCL Hydro	21.94	48.92	State Total	269.03	552.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5008	415	239	5662	665	3665	0	0	5153	4794	-765	14021	0	14021	2194	16215	49.99
2	5009	325	239	5573	518	3636	0	0	5033	4770	-644	13853	0	13853	2042	15895	49.93
3	4997	330	239	5566	382	3529	0	0	4881	4582	-665	13394	0	13394	1935	15329	49.92
4	4903	615	250	5768	278	3541	0	0	4674	4812	-594	13805	0	13805	1856	15661	49.98
5	4892	594	229	5715	223	3478	0	0	4989	4817	-571	13662	0	13662	1835	15497	50.00
6	4875	392	240	5507	157	3547	0	0	5649	5587	-636	14162	0	14162	1901	16063	50.01
7	4833	331	230	5394	190	3596	0	38	6481	6265	-641	14842	0	14842	1935	16778	50.03
8	4825	394	230	5449	185	3646	0	161	6742	6370	-657	15154	0	15154	2016	17170	50.04
9	4653	400	240	5293	133	3445	0	317	7606	7751	-1095	15844	0	15844	2188	18032	50.06
10	4636	436	228	5300	200	3450	0	484	7795	7949	-1548	15835	0	15835	2388	18223	50.02
11	4640	434	237	5311	339	3533	0	651	7736	7161	-1714	15281	0	15281	2566	17847	50.03
12	4450	445	225	5120	189	3167	0	697	7889	7417	-1634	14956	0	14956	2649	17605	50.03
13	4016	435	225	4676	55	2950	0	787	7451	7448	-1551	14365	0	14365	2633	16998	50.00
14	4018	442	234	4694	47	2932	0	758	7127	7155	-1424	14162	0	14162	2520	16682	50.04
15	4243	521	223	4987	54	3110	0	726	7085	7059	-1421	14515	0	14515	2549	17064	49.98
16	4510	593	224	5327	65	3597	0	458	6589	6577	-1160	14864	0	14864	2562	17426	49.99
17	4559	919	225	5703	104	3770	0	285	6339	6236	-990	15108	0	15108	2561	17669	50.01
18	4584	1367	225	6176	132	3867	0	70	6196	6116	-892	15469	0	15469	2542	18011	50.02
19	4748	2073	239	7060	142	4063	0	0	6305	6643	-909	16999	0	16999	2598	19597	49.95
20	4871	2288	308	7467	159	4193	0	0	6139	5983	-905	16897	0	16897	2652	19549	50.01
21	4807	2204	288	7299	140	4156	0	0	5473	5549	-890	16254	0	16254	2597	18850	50.02
22	4814	2323	227	7364	97	3992	0	0	5080	5024	-848	15629	0	15629	2475	18104	50.03
23	4802	1949	209	6960	130	3891	0	0	5113	4998	-811	15168	0	15168	2374	17542	50.03
24	4791	1715	198	6704	170	3917	0	0	5104	4925	-833	14883	0	14883	2326	17209	50.02
MUs	112.48	21.94	5.65	140.07	4.75	86.67	0.00	5.43	148.63	145.99	-23.80	359.12	0.00	359.12	55.89	415.02	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 02/Oct/2021

Position as on 6.30 Hrs of 03/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	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	
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	
IPP	RPL(AMT) U-3	270	03/10/2021	01.15	03/10/2021	17.15	Turbine dynamic balancing work.	
MSPGCL	Khaparkheda Unit 3	210	03/10/2021	12.37	03/10/2021	16.46	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 5	500	03/10/2021	15.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 03/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
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	03/10/2021	04.07	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
Kala Kudus Ckt-II	IntraState	03/10/2021	10.44	03/10/2021	18.14	EO	For attending hot-spots on line isolator of main bay 401 by replacing isolator blades of B phase.
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 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	01/10/2021	09.54	02/10/2021	18.59	PO	400KV CGL make CB overhauling by OEM Agency.
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.)
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	03/10/2021	22.18		Continued.	PO	Y-Phase Jumper Replacement.
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.
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 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.
Main Bus Section-I@ Pedambe	IntraState	03/10/2021	09.15	03/10/2021	19.30	PO	Section I side isolator to Main Bus R, Y & B phase jumper replacement
Padghe - Wada	IntraState	03/10/2021	11.08	03/10/2021	20.44	T	Loc No 92 insulator Decapping Attended.
Bableshtar Ahamadnagar-Ii	IntraState	03/10/2021	13.35	03/10/2021	15.03	PO	Replacement of Faulty R ph string at loc no 26.
Pedambe-Nerle	IntraState	03/10/2021	13.37	03/10/2021	13.53	T	Distance Protection

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 02/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 03/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pandarpur-Khanapur	IntraState	03/10/2021	13.49	03/10/2021	18.38	T	Distance Protection
Raymond - Washala	IntraState	03/10/2021	13.51	03/10/2021	14.42	T	Washala Side CB Problem charged.