

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Nov/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.026	2843.587	1) Gujrat	-5.468	-126.406
2) Hydro	8.273	218.779	2) Madhya Pradesh	5.118	120.941
3) Gas	4.845	108.389	3) Chattisgarh	0.000	72.220
Total MSPGCL	151.144	3170.755	4) Maharashtra	160.465	3064.478
B) 1) APLM	52.525	1039.770	5) Goa (Amona)	-1.779	-31.630
2) JSWEL	13.136	273.573	Total	158.336	3099.603
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.413	560.080
4) RPL(AMT)	22.769	420.965	b) Mumbai Drawl	30.505	569.601
5) SWPGPL	7.087	142.861	c) MSEDCL Bilateral *	43.544	927.239
6) Other IPP	33.151	566.232	Include PX	7.255	201.934
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.381	560.048
C) 1) TPCL Thermal	13.022	243.269	Include PX	15.382	334.791
2) TPCL Hydro	5.220	76.085	Standby	0.032	0.032
3) TPCL Gas	2.232	68.213	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.392	194.798	1) MSEDCL	433.365	8559.572
D) STATE			2) Mumbai Discoms	61.371	1151.965
1) Thermal	290.108	5725.055	TOTAL STATE	494.736	9711.537
(A1+C1+C4+(B1-B6))					
2) Hydro	13.493	294.864			
(A2+C2)					
3) Gas	7.077	176.602			
(A3+B7+C3)					
4) Wind	20.570	283.595			
6) SOLAR	5.152	131.819			
TOTAL STATE	336.400	6611.935			

* 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 4 Hrs
MSPGCL Thermal	5731	5725	6308	5394
MSPGCL Hydro	531	333	520	240
MSPGCL Gas	198	196	198	202
MSPGCL Total Generation	6460	6254	7026	5836
Central Sector Receipt	7470	7324	6597	6130
WIND	970	810	550	834
CPP / IPP Thermal	5577	5565	5884	4783
CPP / IPP Gas	0	0	0	0
SOLAR	803	817	0	0
Exchange with Mumbai	-1208	-1225	-1212	-1159
MSEDCL DEMAND MET	20072	19545	18845	16424
Load Shedding	0	0	0	0
MSEDCL DEMAND	20072	19545	18845	16424
TPCL GENERATION	1205	1207	1157	527
AEML GENERATION	494	500	500	326
MUMBAI DEMAND	2907	2932	2869	2012
STATE DEMAND MET	22979	22477	21714	18436
STATE DEMAND	22979	22477	21714	18436
Frequency (Hz)	50.04	49.97	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 04.03 Hrs	49.81 Hz at 06.10 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 20/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.23	69.25	175	115
Unit 7	0.00	0.00	0	0
Unit 8	14.26	132.16	614	570
Unit 9	13.04	259.23	562	520
Unit 10	11.97	250.22	540	481
Total	42.50	710.85		
Bhusawal				
Unit 3	3.02	68.98	140	115
Unit 4	0.00	183.68	0	0
Unit 5	9.30	197.06	440	320
Total	12.31	449.72		
Parli				
Unit 6	0.00	53.06	0	0
Unit 7	3.83	81.07	191	130
Unit 8	3.94	83.52	202	149
Total	7.77	217.66		
Chandrapur				
Unit 3	3.08	48.36	144	120
Unit 4	3.04	63.18	140	120
Unit 5	7.40	163.38	330	290
Unit 6	0.00	0.00	0	0
Unit 7	7.15	160.03	315	286
Unit 8	9.30	186.23	420	310
Unit 9	9.52	193.24	428	348
Total	39.50	814.41		
Paras				
Unit 3	3.81	30.05	233	136
Unit 4	3.85	80.91	233	140
Total	7.66	110.96		
Khaparkheda				
Unit 1	3.02	53.30	150	110
Unit 2	3.12	64.66	170	115
Unit 3	3.23	64.88	145	125
Unit 4	3.21	69.46	166	124
Unit 5	9.49	185.72	475	280
Total	22.07	438.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.97	35.06	135	117
Unit 5	3.25	66.90	184	117
Total	6.22	101.96		
Uran				
All Units	4.84	108.39	220	187
Total	4.84	108.39		
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)	0.04	6.98	26	0
Total	0.04	6.98		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.84	61.94	355	35
Stage 4	0.24	31.44	127	0
Stage 3	1.15	20.96	160	0
Total	3.23	114.34		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	4.23	80	0
SMLHY_PTN	4.80	95.97	208	188
GHATGHAR	0.00	2.65	0	0
Total	5.04	104.44		
Wind				
Total	20.57	283.60	0	0
Total	20.57	283.60		
CPP				
APML(Mus)	52.52	1039.77	0	0
JSWEL(Mus)	13.14	273.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.77	420.96	0	0
SWPGPL-Mus	7.09	142.86	0	0
Other(Mus)	33.15	566.23	0	0
Total	128.67	2443.40		
SOLAR				
Total	5.15	131.82	0	0
Total	5.15	131.82		
Tata				
Trombay 5	8.16	149.52	468	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.35	41.06	89	48
Trombay 7B	0.88	27.15	55	0
Trombay 8	4.86	93.75	222	143
TATA Hydro	5.22	76.08	441	0
Total	20.47	387.57		
AEML				
DTPS U-1&2	10.39	194.80	500	326
Total	10.39	194.80		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	138.03	2843.59
MSPGCL Thml+Gas	142.87	2951.98
MSPGCL Hydro	8.27	218.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	151.14	3170.76
Koyna 1,2 & 4 Total	2.08	93.38
State Total	336.40	6611.94

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Nov/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5281	243	211	5735	695	4736	0	0	6805	6546	-1483	16229	0	16229	2431	18660	50.00
2	5239	239	211	5689	794	4797	0	0	6608	6443	-1354	16369	0	16369	2253	18622	49.98
3	5412	243	202	5857	840	4789	0	0	6557	6207	-1268	16425	0	16425	2112	18537	49.99
4	5394	240	202	5836	834	4783	0	0	6264	6130	-1159	16424	0	16424	2012	18436	50.02
5	5732	250	201	6183	898	5091	0	0	6178	5787	-1095	16864	0	16864	1976	18840	50.05
6	5718	240	212	6170	989	5380	0	0	6597	6316	-1130	17725	0	17725	2009	19734	50.01
7	5793	249	202	6244	1235	5482	0	9	7015	6524	-1145	18349	0	18349	2063	20412	50.00
8	6019	251	212	6482	1310	5730	0	121	6791	6412	-1073	18982	0	18982	2153	21135	50.01
9	5853	303	201	6357	1285	5502	0	390	6860	6550	-1231	18853	0	18853	2377	21230	49.99
10	5684	459	210	6353	1136	5559	0	665	6898	6993	-1200	19506	0	19506	2663	22169	50.02
11	5731	531	198	6460	970	5577	0	803	7354	7470	-1208	20072	0	20072	2907	22979	50.04
12	5796	403	187	6386	853	5723	0	824	7391	7277	-1277	19786	0	19786	2979	22765	50.03
13	5725	333	196	6254	810	5565	0	817	7565	7324	-1225	19545	0	19545	2932	22477	49.97
14	5674	325	195	6194	752	5398	0	664	7595	7544	-1343	19209	0	19209	2838	22047	50.01
15	5743	249	195	6187	647	5307	0	436	7980	7917	-1189	19305	0	19305	2871	22176	49.99
16	5812	232	203	6247	564	5514	0	281	7649	7671	-1220	19057	0	19057	2901	21958	49.93
17	5891	695	196	6782	508	5478	0	128	6970	6916	-1215	18597	0	18597	2880	21477	50.00
18	6317	532	196	7045	581	5734	0	14	6283	6232	-1165	18441	0	18441	2820	21261	50.02
19	6308	520	198	7026	550	5884	0	0	6556	6597	-1212	18845	0	18845	2869	21714	50.00
20	6352	401	199	6952	627	5799	0	0	6483	5995	-1214	18159	0	18159	2820	20979	50.03
21	5931	401	198	6530	695	5585	0	0	6009	5877	-1434	17253	0	17253	2707	19960	49.99
22	5642	416	220	6278	846	5273	0	0	6145	5867	-1552	16712	0	16712	2632	19344	50.00
23	5579	261	200	6040	961	5134	0	0	6173	5834	-1568	16401	0	16401	2583	18984	50.00
24	5400	257	200	5857	1190	4848	0	0	6303	5907	-1545	16257	0	16257	2583	18840	49.99
MUs	138.03	8.27	4.85	151.14	20.57	128.67	0.00	5.15	163.03	158.34	-30.51	433.37	0.00	433.37	61.37	494.74	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 20/Nov/2021

Position as on 6.30 Hrs of 21/Nov/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 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)	
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	
MSPGCL	Koyna Unit 3	70	18/11/2021	08.50	20/11/2021	20.50	To attend lower bearing guide cooler replacement work.	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
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)	
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	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Parli Unit 6	250	17/11/2021	14.37		Continued.	Clinker formation	
MSPGCL	Bhusawal Unit 4	500	19/11/2021	05.25	21/11/2021	09.15	Flame Failure	
TPC-G	Trombay 7B	60	19/11/2021	23.50	20/11/2021	02.53	Withdrawn for checking of HP control valve signal	
MSPGCL	Uran Unit 6	108	21/11/2021	00.13	21/11/2021	16.06	Filter Replacement.	
MSPGCL	Bhusawal Unit 3	210	21/11/2021	11.06		Continued.	Withdrawn due to Drum Pressure Sensing line leakage attending work.	
MSPGCL	Uran Unit 6	108	21/11/2021	18.45		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 21/Nov/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	13/11/2021	06.15	20/11/2021	20.36	PO	Annual Maintenance Work
HVDC Pole-I	IntraState	21/11/2021	18.25	21/11/2021	22.01	HT	Emergency Sparking at Padghe end in AC CKT Isolator.
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
Koradi Bhilai	InterState	13/11/2021	09.49		Continued.	PO	Work At Bhilai end.
Akola Wardha li	InterState	20/11/2021	09.15	20/11/2021	15.24	PO	CT Tan Delta.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	15/11/2021	10.18		Continued.	HT	To control Mumbai line loading.
Karad-Jaigad - I	IntraState	20/11/2021	02.19	20/11/2021	08.32	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	20/11/2021	08.47	20/11/2021	18.29	PO	RTV coating on Bay equipment's at JSWERL substation end.
Karad - Jaigad - II	IntraState	20/11/2021	22.00	21/11/2021	10.51	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	20/11/2021	23.00	21/11/2021	07.47	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	21/11/2021	09.50	21/11/2021	16.02	EO	To extend the CT secondary & to operationalize the LTS scheme on priority in view of Contingency situation due to outage on HVDC Pole-2.
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	21/11/2021	18.25	21/11/2021	21.58	HT	Emergency Sparking at Padghe end in AC CKT Isolator.
Warora -IEPL	IntraState	21/11/2021	19.17	21/11/2021	22.22	T	Tripped due to Protection Allow.
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)
REL Borivali Aarey Line	IntraState	18/11/2021	09.20		Continued.	PO	Under MMRC Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard.
Badnera Tss-li	IntraState	20/11/2021	09.43	20/11/2021	18.14	PO	Faulty disc insulator Replacement & measurement of CRM, Timing & IR OF CB AUX. Isolator Maintenance Work.
V Warora - Waroralytss1	IntraState	20/11/2021	10.32	20/11/2021	13.32	PO	For Diagnostic Testing Of Bay Equipment's.
Pegasus - Infosys	IntraState	20/11/2021	13.05	20/11/2021	18.10	PO	DT & Annual maintenance work.
Sawantwadi-Bidri	IntraState	20/11/2021	22.12	21/11/2021	09.10	HT	Over Voltage
Pophali - Pedambe II	IntraState	21/11/2021	07.15	21/11/2021	20.51	HT	main bus-2 outage at pedambe.
Pedambe-Pophali	IntraState	21/11/2021	07.15	21/11/2021	20.50	HT	main bus-2 outage at pedambe.
Pedhambe - Oni	IntraState	21/11/2021	07.23	21/11/2021	20.25	HT	main bus-2 outage at pedambe.
Pedambe-Nerle	IntraState	21/11/2021	07.25	21/11/2021	20.40	HT	main bus-2 outage at pedambe.
Adlabs - Pedambe	IntraState	21/11/2021	07.33	21/11/2021	20.20	HT	main bus-2 outage at pedambe.
Main bus section-II @ Pedambe	IntraState	21/11/2021	07.40	21/11/2021	20.40	HT	main bus-2 outage at pedambe.
Kandalgaon - Pirangut	IntraState	21/11/2021	10.41	21/11/2021	18.38	EO	Emergency restringing of conductor between loc:- 49-50, Loc 90-96 & Loc 101-102.
Boisar II - Boisar PG I	IntraState	21/11/2021	16.47	21/11/2021	20.26	EO	Pressing of T- clamp to TOP phase of 220kv Dead LINE at loc. No. 17.Attending red hot spot of R-PH conductor at PGCIL Gantry. Fixing of repair sleeve to R-PH damaged conductor.
Sawantwadi-Bidri	IntraState	21/11/2021	22.08		Continued.	HT	Over Voltage

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 20/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 21/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	20/11/2021	10.03	20/11/2021	18.03	PO	For Annual Diagnostic testing (Winding, Bushing, CT tan Delta) SFRA & Preventive maintenance & Healthiness of CTR make Protection Systems.
Dharavi : 220 / 110 / 33 250 MVA ICT 9	IntraState	21/11/2021	11.46	21/11/2021	14.02	EO	Attending Hot Spot