

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.994	389.084	1) Gujrat	-5.781	-18.467
2) Hydro	9.300	23.424	2) Madhya Pradesh	7.885	17.137
3) Gas	3.483	13.484	3) Chattisgarh	5.950	15.680
Total MSPGCL	137.777	425.992	4) Maharashtra	123.949	365.001
B) 1) APLM	51.739	151.802	5) Goa (Amona)	-1.813	-5.532
2) JSWEL	14.159	42.470	Total	130.190	373.819
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.183	72.412
4) RPL(AMT)	20.313	60.564	b) Mumbai Drawl	26.040	74.463
5) SWPGPL	7.042	21.690	c) MSEDCL Bilateral *	17.173	51.976
6) Other IPP	29.711	101.447	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.183	72.412
C) 1) TPCL Thermal	11.687	34.488	Include PX	0.000	1.590
2) TPCL Hydro	4.956	13.690	Standby	0.000	0.000
3) TPCL Gas	0.681	5.463	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.389	28.026	1) MSEDCL	364.422	1123.340
D) STATE			2) Mumbai Discoms	53.753	156.127
1) Thermal	270.034	829.571	3) Other Discoms	9.658	28.751
(A1+C1+C4+(B1-B6))			TOTAL STATE	427.833	1308.218
2) Hydro	14.256	37.114			
(A2+C2)					
3) Gas	4.164	18.947			
(A3+B7+C3)					
4) Wind	4.519	37.913			
6) SOLAR	4.670	10.857			
TOTAL STATE	297.643	934.402			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6038	5006	5906	4298
MSPGCL Hydro	439	273	1168	195
MSPGCL Gas	143	140	142	156
MSPGCL Total Generation	6620	5419	7216	4649
Central Sector Receipt	6299	6643	5095	4530
WIND	163	63	336	101
CPP / IPP Thermal	5904	5173	5504	4833
CPP / IPP Gas	0	0	0	0
SOLAR	467	737	0	0
Exchange with Mumbai	-1292	-1502	-1044	-824
MSEDCL DEMAND MET	5335	3768	3383	3195
Load Shedding	0	0	0	0
MSEDCL DEMAND	5335	3768	3383	3195
TPCL GENERATION	850	735	1088	446
AEML GENERATION	480	491	478	365
MUMBAI DEMAND	2622	2728	2610	1635
OTHER DISCOM DEMAND	356	355	381	280
STATE DEMAND MET	20783	19261	19717	14924
STATE DEMAND	20783	19261	19717	14924
Frequency (Hz)	50.03	50.00	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 07.11 Hrs	49.74 Hz at 07.11 Hrs	49.98	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 03/Dec/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.44	10.15	190	115
Unit 7	0.00	0.00	0	0
Unit 8	13.30	39.81	638	376
Unit 9	0.00	0.00	0	0
Unit 10	13.04	39.17	622	372
Total	29.78	89.12		
Bhusawal				
Unit 3	0.00	6.30	0	0
Unit 4	8.40	25.37	440	280
Unit 5	8.36	24.98	455	275
Total	16.76	56.65		
Parli				
Unit 6	0.00	3.90	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	4.43	0	0
Total	0.00	8.32		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	3.51	0	0
Unit 5	7.92	23.41	375	283
Unit 6	7.84	23.56	440	270
Unit 7	7.85	23.44	365	288
Unit 8	9.22	27.67	421	290
Unit 9	9.90	28.87	453	287
Total	42.74	130.46		
Paras				
Unit 3	3.97	11.83	229	137
Unit 4	4.00	11.82	222	128
Total	7.98	23.65		
Khaparkheda				
Unit 1	3.10	9.36	150	115
Unit 2	2.99	9.22	150	100
Unit 3	3.21	10.05	156	122
Unit 4	3.36	6.10	168	122
Unit 5	8.96	27.96	430	280
Total	21.62	62.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.01	8.95	145	118
Unit 5	3.10	9.22	179	116
Total	6.12	18.17		
Uran				
All Units	3.48	13.48	156	139
Total	3.48	13.48		
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)	0.01	0.26	11	0
Total	0.01	0.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.92	7.03	510	40
Stage 4	1.58	2.41	536	0
Stage 3	1.01	2.60	160	0
Total	5.52	12.04		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	0.76	80	0
SMLHY_PTN	3.54	10.63	161	136
GHATGHAR	0.00	0.00	0	0
Total	3.78	11.39		
Wind				
Total	4.52	37.91	0	0
Total	4.52	37.91		
CPP				
APML(Mus)	51.74	151.80	0	0
JSWEL(Mus)	14.16	42.47	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.31	60.56	0	0
SWPGPL-Mus	7.04	21.69	0	0
Other(Mus)	29.71	101.45	0	0
Total	122.96	377.97		
SOLAR				
Total	4.67	10.86	0	0
Total	4.67	10.86		
Tata				
Trombay 5	7.02	20.59	434	256
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.59	3.32	114	34
Trombay 7B	0.09	2.14	63	31
Trombay 8	4.66	13.90	217	158
TATA Hydro	4.96	13.69	420	0
Total	17.32	53.64		
AEMIL				
DTPS U-1&2	10.39	28.03	500	335
Total	10.39	28.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.99	389.08	MSPGCL Total	137.78	425.99
			MSPGCL Thml+Gas	128.48	402.57	Koyna 1,2 & 4 Total	4.50	9.44
			MSPGCL Hydro	9.30	23.42	State Total	297.64	934.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Dec/2021

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	4319	206	146	4671	178	4867	0	0	4822	4475	-970	12923	0	12923	1790	298	15011	50.00
2	4173	211	147	4531	147	4755	0	0	4731	4686	-831	13009	0	13009	1684	279	14972	49.93
3	4298	195	156	4649	101	4833	0	0	4655	4530	-824	13009	0	13009	1635	280	14924	50.00
4	4612	194	147	4953	151	4906	0	0	4596	4219	-802	13152	0	13152	1587	275	15014	49.96
5	4811	191	146	5148	139	4896	0	0	4708	4544	-819	13636	0	13636	1598	272	15506	49.99
6	5150	190	147	5487	186	4992	0	0	4845	5340	-907	14806	0	14806	1691	292	16789	49.99
7	5790	400	156	6346	220	5351	0	1	4921	5092	-866	15824	0	15824	1817	320	17961	49.92
8	5973	1105	146	7224	212	5646	0	69	5244	5134	-906	17037	0	17037	2036	342	19415	49.88
9	6099	738	147	6984	162	5958	0	224	5648	5729	-1082	17627	0	17627	2338	348	20313	50.01
10	6038	439	143	6620	163	5904	0	467	6293	6299	-1292	17805	0	17805	2622	356	20783	50.03
11	5844	312	142	6298	138	5966	0	574	6687	6306	-1486	17451	0	17451	2817	345	20613	50.03
12	5222	308	151	5681	93	5527	0	662	6796	6734	-1448	16887	0	16887	2751	362	20000	50.02
13	5006	273	140	5419	63	5173	0	737	6624	6643	-1502	16178	0	16178	2728	355	19261	50.00
14	4962	190	139	5291	62	4559	0	732	6603	6507	-1406	15395	0	15395	2585	350	18330	50.03
15	4966	193	139	5298	61	4590	0	587	6498	6556	-1445	15299	0	15299	2566	348	18213	49.99
16	5337	226	140	5703	70	4903	0	437	5928	5993	-1273	15488	0	15488	2574	345	18407	49.94
17	5556	359	139	6054	216	5011	0	164	5473	5517	-1102	15499	0	15499	2563	361	18423	50.02
18	5864	540	141	6545	233	5096	0	16	5131	5060	-993	15588	0	15588	2563	369	18520	49.94
19	5906	1168	142	7216	336	5504	0	0	5186	5095	-1044	16726	0	16726	2610	381	19717	49.95
20	5786	523	153	6462	353	5622	0	0	5163	5345	-1065	16342	0	16342	2543	375	19260	49.95
21	5084	443	144	5671	355	4946	0	0	5255	5491	-1021	15079	0	15079	2393	363	17835	50.01
22	5071	496	143	5710	275	4800	0	0	5085	5080	-1025	14473	0	14473	2241	367	17081	50.03
23	4757	206	144	5107	327	4592	0	0	5142	5073	-999	13762	0	13762	2076	338	16176	50.00
24	4370	194	145	4709	278	4567	0	0	5096	4742	-932	13038	0	13038	1945	326	15309	49.99
MUs	124.99	9.30	3.48	137.78	4.52	122.96	0.00	4.67	131.13	130.19	-26.04	366.03	0.00	366.03	53.75	8.05	427.83	49.98

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 03/Dec/2021

Position as on 6.30 Hrs of 04/Dec/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	10/12/2021
MSPGCL	Koyna STG-IV Unit-4	250	22/11/2021	09.55		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL 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.	
MSPGCL	Ghatghar Unit-2	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
IPP	RPL(AMT) U-4	270	13/11/2021	07:15	03/12/2021	23:59	BOTTOM ASH PROBLEM	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00	03/12/2021	23:59	Coal Shortage	
IPP	JSW (J) U2	300	19/11/2021	01:26		Continued.	No schedule.	
MSPGCL	Chandrapur Unit 3	210	23/11/2021	12:02		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 7	250	28/11/2021	23.57		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	02/12/2021	00:00		Continued.	ZERO SCHEDULE	
MSPGCL	Chandrapur Unit 4	210	02/12/2021	00:17	04/12/2021	11:29	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	02/12/2021	04:00		Continued.	ZERO SCHEDULE	07/12/2021
MSPGCL	Uran Unit 6	108	02/12/2021	07:45		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	02/12/2021	17:13	03/12/2021	22:03	Gas shortage	
TPC-G	Trombay 7A	120	02/12/2021	17:22	03/12/2021	18:13	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	02/12/2021	23:25		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	03/12/2021	18:37		Continued.	PA Fan problem	
MSPGCL	Chandrapur Unit 5	500	04/12/2021	12:41		Continued.	fd47 heavy gland leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2021

Statement-VII

Position as on 6.30 Hrs of 04/Dec/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 2	IntraState	02/12/2021	10:22	03/12/2021	01:00	T	AC BUS & TRANSFORMER OVERCURRENT PROTECTION
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/12/2021	09:04		Continued.	HT	OVER VOLTAGE
KARAD - TALANDGE CKT - 1	IntraState	01/12/2021	23:48	03/12/2021	10:14	HT	over voltage
JAIGAD - KARAD CKT - 1	IntraState	02/12/2021	22:21		Continued.	HT	HT FOR OVERVOLTAGE
LONIKAND I - KOYNA STAGE-IV	IntraState	02/12/2021	23:11	03/12/2021	08:54	HT	HT FOR OVERVOLTAGE
PADGHE - NAGOTHANE CKT - 2	IntraState	03/12/2021	00:05	03/12/2021	08:55	HT	HAND TRIPPED TO CONTROL OVER VOLTAGE
PARLI-SOLAPUR (LAMBOTI)	IntraState	03/12/2021	06:31	03/12/2021	15:58	T	DIST. PROTECTION
BUS - 1 @ AKOLA 2	IntraState	03/12/2021	09:43	03/12/2021	17:58	PO	Annual Maintenance of Bus Equipment
KARAD - TALANDGE CKT - 1	IntraState	03/12/2021	22:08	04/12/2021	09:26	HT	HT FOR OVERVOLTAGE
NEW KOYNA - STAGE IV CKT - 1	IntraState	04/12/2021	00:45	04/12/2021	09:35	HT	To control the over voltage at New koyna s/s which was 431 KV
PARLI-SOLAPUR (LAMBOTI)	IntraState	04/12/2021	17:53		Continued.	EO	400kV B phase WT of 400kV Solapur line is dislocated from insulator string rod & tilted. Needs to be attended.
KARAD - TALANDGE CKT - 2	IntraState	04/12/2021	22:05		Continued.	HT	h/t for o/v
PADGHE - NAGOTHANE CKT - 1	IntraState	04/12/2021	22:30		Continued.	HT	H/T FOR O/V
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 2 @ CHANDRAPUR	IntraState	01/12/2021	10:43		Continued.	PO	1) Replacement of 400KV HV Bushings of R & B-ph ICT units. 2) Servicing & Maintenance of CTR make NIFPS. Of R, Y & B-ph ICT units. 3) Inspection of GE make 400KV CB of ICT-2 HV bay. 4) Replacement of support structure of B-ph 400KV HV CT. 5) MTAMC project work.
220 KV TBC Outages/Trippings							
TBC @ AAREY	IntraState	03/12/2021	09:46	03/12/2021	17:51	PO	For Annual maintenance of 1089C side isolator during opportunity outage of Bay-10 i.e 220kV Aarey-TPC Borivali Line
220 KV LINE Outages/Trippings							
PADGHA - TEMGHAR - 1	IntraState	30/11/2021	10:51		Continued.	HT	line work
CHALISGAON - SAYNE	IntraState	03/12/2021	00:29	03/12/2021	01:39	T	DIST. PROT Z-1,B-PH, 2.619KA, 26.15KM FROM SAYNE
JEJURI - BARAMATI	IntraState	03/12/2021	04:49	03/12/2021	05:07	T	DIST. PROTECTION
PADGHE - NALASOPARA	IntraState	03/12/2021	11:20	03/12/2021	15:50	PO	For faulty relay replacement REL670 by Testing Team Kalwa.
KAMBA - KOLSHET	IntraState	03/12/2021	12:04	03/12/2021	17:18	EO	Breaker spring Not charging ,hence to check whether motor Jam or any other Electrical problem
BUS SECTIONIZER @ BIDRI	IntraState	03/12/2021	15:15	03/12/2021	18:10	PO	For Tan delta testing & Maintenance Work
CHALISGAON - SAYNE	IntraState	03/12/2021	17:05	03/12/2021	18:34	EO	replacement of flashovered Bph polymer insulator string at locn 8 of 220kV Chalisgaon - Sayane line
JEJURI - BARAMATI	IntraState	03/12/2021	18:08	03/12/2021	18:18	EO	Autoreclose trials on 220kV Jejuri-Baramati Line CB is required. This is in view of investigation of non-autoreclose of CB after transient fault at 04:49 hrs on 03.12.2021 at 400kV Jejuri S/s.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2021

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
LAMBOTI - KARKAMB	IntraState	03/12/2021	23:03	04/12/2021	09:26	T	DIST. PROTECTION , Z-1, R-PH, 2.6KA, 65KM FROM LAMBOTI
BIDRI - SAWANTWADI	IntraState	04/12/2021	00:38	04/12/2021	09:11	HT	HT FOR OVERVOLTAGE
KHARGHAR - NERUL	IntraState	04/12/2021	08:01	04/12/2021	12:25	PO	For Nut Bolt Tighting at Loc. No. 5B
BABLESHWAR AHAMADNAGAR-II	IntraState	04/12/2021	09:38	04/12/2021	12:42	PO	For providing and fixing insulation coating to the conductor of the line . AT LOC NO 4A, 4B,
BOISAR - VERSOVA	IntraState	04/12/2021	10:21	04/12/2021	19:03	HT	hand trip for line loading purpose
KANDALGAON - PIRANGUT	IntraState	04/12/2021	10:39	04/12/2021	19:05	PO	1)Restrining of conductor due to low ground clearance of Loc 82-83,87-88,96-97. 2) Earth cutting by JCB between Loc 49-50.
GHODBUNDER - MSETCL BOISAR	IntraState	04/12/2021	11:30	04/12/2021	19:09	HT	hand trip for line loading purpose
ADLABS - PEDAMBE	IntraState	04/12/2021	11:38	04/12/2021	16:40	T	tripped on DP
BOISAR II - BOISAR (PG) CKT - 1	IntraState	04/12/2021	11:50	04/12/2021	19:00	PO	For AMP works. Line outage is required.
PUSAD - WARDHA (PG)	IntraState	04/12/2021	12:01	04/12/2021	18:05	HT	EO For hot spot
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/10/2020	07:39			PO	FOR CRP PANEL REPLACEMENT
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/12/2021	14:32			PO	Replacement of existing 100 MVA ICT 02 by new 200 MVA ICT 02
220/33 KV 25 MVA PTR 3 @ BIDRI	IntraState	03/12/2021	09:40	03/12/2021	18:08	PO	For Tan delta Testing & Maintenance work
220/22-22 KV 50 MVA PTR 3 @ ANANDNAGAR	IntraState	03/12/2021	10:52	03/12/2021	12:50	PO	Diagnostic testing of Transformer, CT and LV CB
220/22 KV 50 MVA PTR 1 @ TEMGHAR	IntraState	03/12/2021	13:20	03/12/2021	15:55	PO	Diagnostic Testing and R&M Work.
220/33kV 50MVA TF-2 @ KOPARGAON	IntraState	04/12/2021	10:40	04/12/2021	13:46	PO	For main conservator tank oil top work
220/33kV 50MVA TF-1 @ KOPARGAON	IntraState	04/12/2021	10:40	04/12/2021	12:10	PO	For main conservator tank oil top work
220/22 KV 50 MVA PTR 2 @ MAHAPE	IntraState	04/12/2021	13:05	04/12/2021	13:33	EO	4 Nature of work to be carried out Red Hot spot attending work on R-PH LV Bushing nut bolts which will be replaced

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage