

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Dec/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.292	517.376	1) Gujrat	-9.013	-27.480
2) Hydro	8.246	31.670	2) Madhya Pradesh	5.193	22.330
3) Gas	3.502	16.986	3) Chattisgarh	5.510	21.190
Total MSPGCL	140.040	566.032	4) Maharashtra	130.168	495.169
B) 1) APLM	54.854	206.656	5) Goa (Amona)	-1.743	-7.275
2) JSWEL	14.428	56.898	Total	130.115	503.934
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.574	91.986
4) RPL(AMT)	26.712	87.276	b) Mumbai Drawl	23.499	97.962
5) SWPGPL	5.833	27.523	c) MSEDCL Bilateral *	52.405	104.381
6) Other IPP	27.945	129.392	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.574	91.986
C) 1) TPCL Thermal	10.920	45.408	Include PX	0.000	1.590
2) TPCL Hydro	4.026	17.716	Standby	0.000	0.000
3) TPCL Gas	3.440	8.903	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.443	38.469	1) MSEDCL	375.748	1499.088
D) STATE			2) Mumbai Discoms	52.328	208.455
1) Thermal	279.427	1108.998	3) Other Discoms	9.841	38.592
(A1+C1+C4+(B1-B6))			TOTAL STATE	437.917	1746.135
2) Hydro	12.272	49.386			
(A2+C2)					
3) Gas	6.942	25.889			
(A3+B7+C3)					
4) Wind	4.036	41.949			
6) SOLAR	5.125	15.982			
TOTAL STATE	307.802	1242.204			

* 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 3 Hrs
MSPGCL Thermal	6079	5165	5668	4235
MSPGCL Hydro	292	513	1288	208
MSPGCL Gas	142	140	143	146
MSPGCL Total Generation	6513	5818	7099	4589
Central Sector Receipt	6447	6548	5486	4577
WIND	170	78	132	242
CPP / IPP Thermal	5903	5321	6002	4742
CPP / IPP Gas	0	0	0	0
SOLAR	673	795	0	0
Exchange with Mumbai	-1323	-1386	-927	-635
MSEDCL DEMAND MET	6010	5109	4433	3969
Load Shedding	0	0	0	0
MSEDCL DEMAND	6010	5109	4433	3969
TPCL GENERATION	813	737	1150	587
AEML GENERATION	473	500	502	391
MUMBAI DEMAND	2609	2623	2579	1613
OTHER DISCOM DEMAND	354	345	382	273
STATE DEMAND MET	20992	19797	20371	15128
STATE DEMAND	20992	19797	20371	15128
Frequency (Hz)	50.03	50.00	49.99	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 13.02 Hrs	49.77 Hz at 08.14 Hrs	49.99	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 04/Dec/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.73	13.88	190	115
Unit 7	0.00	0.00	0	0
Unit 8	13.90	53.71	661	378
Unit 9	0.00	0.00	0	0
Unit 10	13.49	52.66	630	370
Total	31.13	120.25		
Bhusawal				
Unit 3	0.00	6.30	0	0
Unit 4	9.42	34.79	470	285
Unit 5	9.33	34.30	480	280
Total	18.75	75.40		
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	1.53	5.04	160	0
Unit 5	4.09	27.50	370	0
Unit 6	7.44	31.01	355	280
Unit 7	8.16	31.60	375	290
Unit 8	9.35	37.03	425	285
Unit 9	9.28	38.14	421	285
Total	39.85	170.32		
Paras				
Unit 3	4.25	16.08	224	140
Unit 4	4.40	16.22	226	143
Total	8.65	32.30		
Khaparkheda				
Unit 1	3.41	12.77	165	125
Unit 2	3.54	12.76	165	120
Unit 3	3.33	13.38	169	115
Unit 4	3.40	9.50	167	127
Unit 5	9.82	37.78	470	285
Total	23.49	86.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.09	12.04	145	119
Unit 5	3.32	12.55	185	116
Total	6.42	24.59		
Uran				
All Units	3.50	16.99	156	139
Total	3.50	16.99		
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)	0.00	0.26	0	0
Total	0.00	0.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.20	9.23	510	40
Stage 4	1.27	3.68	498	0
Stage 3	0.61	3.21	160	0
Total	4.09	16.12		
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.	0.32	1.08	80	0
SMLHY_PTN	3.84	14.47	169	150
GHATGHAR	0.00	0.00	0	0
Total	4.16	15.55		
Wind				
Total	4.04	41.95	0	0
Total	4.04	41.95		
CPP				
APML(Mus)	54.85	206.66	0	0
JSWEL(Mus)	14.43	56.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.71	87.28	0	0
SWPGPL-Mus	5.83	27.52	0	0
Other(Mus)	27.94	129.39	0	0
Total	129.77	507.74		
SOLAR				
Total	5.12	15.98	0	0
Total	5.12	15.98		
Tata				
Trombay 5	6.77	27.36	420	257
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.06	5.38	117	61
Trombay 7B	1.38	3.52	68	49
Trombay 8	4.15	18.05	218	136
TATA Hydro	4.03	17.72	414	0
Total	18.39	72.03		
AEMIL				
DTPS U-1&2	10.44	38.47	502	365
Total	10.44	38.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.29	517.38	MSPGCL Total	140.04	566.03
			MSPGCL Thml+Gas	131.79	534.36	Koyna 1,2 & 4 Total	3.47	12.91
			MSPGCL Hydro	8.25	31.67	State Total	307.80	1242.20

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	4276	240	156	4672	328	4470	0	0	4885	5052	-784	13436	0	13436	1815	302	15553	50.01
2	4185	190	145	4520	276	4671	0	0	4825	4701	-711	13174	0	13174	1690	283	15147	49.94
3	4235	208	146	4589	242	4742	0	0	4741	4577	-635	13242	0	13242	1613	273	15128	49.90
4	4414	208	156	4778	219	4755	0	0	4671	4561	-589	13462	0	13462	1559	262	15283	49.95
5	4750	205	146	5101	233	4720	0	0	4743	4741	-618	13905	0	13905	1570	272	15747	50.01
6	5444	196	145	5785	290	4932	0	0	4794	5028	-622	15123	0	15123	1646	290	17059	50.01
7	5918	212	145	6275	291	5551	0	2	5013	4701	-653	15831	0	15831	1745	336	17912	49.98
8	6001	204	155	6360	292	5970	0	53	5436	5325	-752	16905	0	16905	1872	343	19120	49.94
9	6096	275	146	6517	239	5982	0	268	5896	5963	-957	17658	0	17658	2123	354	20135	49.92
10	6101	291	144	6536	181	5968	0	504	6444	6422	-1229	18017	0	18017	2410	365	20792	50.03
11	6079	292	142	6513	170	5903	0	673	6778	6447	-1323	18029	0	18029	2609	354	20992	50.03
12	5839	287	141	6267	117	5842	0	820	6691	6061	-1423	17339	0	17339	2662	345	20346	50.04
13	5165	513	140	5818	78	5321	0	795	6683	6548	-1386	16829	0	16829	2623	345	19797	50.00
14	5383	371	139	5893	60	5010	0	731	6557	6436	-1256	16527	0	16527	2490	347	19364	50.00
15	5526	206	150	5882	45	5223	0	673	6506	6097	-1260	16314	0	16314	2484	346	19144	49.97
16	5517	208	139	5864	78	5305	0	416	6213	6153	-1149	16288	0	16288	2506	379	19173	49.97
17	5592	214	140	5946	137	5672	0	176	5689	5730	-1051	16238	0	16238	2492	372	19102	50.01
18	5622	317	141	6080	181	5958	0	14	5335	5323	-871	16299	0	16299	2489	386	19174	49.99
19	5668	1288	143	7099	132	6002	0	0	5428	5486	-927	17410	0	17410	2579	382	20371	49.99
20	5627	1002	153	6782	84	6061	0	0	5235	5334	-982	16907	0	16907	2523	372	19802	50.00
21	5626	546	144	6316	64	6014	0	0	4766	4666	-1044	15640	0	15640	2409	376	18425	49.99
22	5369	310	145	5824	100	5725	0	0	5019	4790	-1130	14945	0	14945	2277	364	17586	50.00
23	4941	260	145	5346	97	5126	0	0	5227	5074	-1114	14166	0	14166	2124	363	16653	50.00
24	4918	203	156	5277	102	4849	0	0	5153	4899	-1033	13768	0	13768	2018	326	16112	49.99
MUs	128.29	8.25	3.50	140.04	4.04	129.77	0.00	5.13	132.73	130.11	-23.50	377.45	0.00	377.45	52.33	8.14	437.92	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 04/Dec/2021

Position as on 6.30 Hrs of 05/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	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	
MSPGCL	Bhusawal Unit 3	210	02/12/2021	23:25		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	03/12/2021	18:37	05/12/2021	08:45	PA Fan problem	
MSPGCL	Chandrapur Unit 5	500	04/12/2021	12:41		Continued.	fd47 heavy gland leakage	
MSPGCL	Chandrapur Unit 6	500	05/12/2021	10:08		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	05/12/2021	20:46		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Dec/2021

Statement-VII

Position as on 6.30 Hrs of 05/Dec/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							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/12/2021	09:04	05/12/2021	17:38	HT	OVER VOLTAGE
JAIGAD - KARAD CKT - 1	IntraState	02/12/2021	22:21		Continued.	HT	HT FOR OVERVOLTAGE
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	05/12/2021	01:05	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	05/12/2021	15:48	HT	H/T FOR O/V
PADGHE - KALWA CKT - 1	IntraState	05/12/2021	15:50	05/12/2021	18:40	EO	Hot Spot attending work at loc. no. 1129 at B-Phase & R-Phase, Loc. No. 1126 R-Phase
PADGHE - NAGOTHANE CKT - 2	IntraState	05/12/2021	23:40		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	05/12/2021	19:05	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 LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	05/12/2021	08:10	05/12/2021	19:06	PO	For safety purpose for the scheme of replacement of conductor with HTLS conductor of 220KV BOISAR-PGCIL LINE. NO. 02 following arrangement to be done: 1. Bunching of 220KV BOISAR-PGCIL LINE. NO. 02 WITH existing dead line at loc. No. 17 & 01. 2. Replacement of TOP phase conductor of 220kv Boisar - PGCIL line no.02 at loc. No. 09 - 10 & 10-12
NALASOPARA - BOISAR PG	InterState	05/12/2021	08:10	05/12/2021	19:06	PO	POST MANSOON MAINTENANCE & REPLACEMENT OF PID FAULTY INSULATOR STRINGS and Bay Maintainance work.
PADGHA - TEMGHAR - 1	IntraState	30/11/2021	10:51		Continued.	HT	line work
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)Restranging 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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Dec/2021

Statement-VII

Position as on 6.30 Hrs of 05/Dec/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
BOISAR II - BOISAR (PG) CKT - 2	IntraState	05/12/2021	07:19	05/12/2021	18:16	PO	For scheme of replacement of conductor with HTLS conductor of following arrangement to be done: - 1. Bunching of 220KV BOISAR-PGCIL LINE. NO. 02 WITH existing dead line at loc. No. 17 & 01. 2. Replacement of TOP phase conductor of 220kv Boisar - PGCIL line no.02 at loc. No. 09 - 10 & 10-12.
BOISAR - VERSOVA	IntraState	05/12/2021	07:30	05/12/2021	18:24	HT	TO CONTROL LINE LOADING OF 220KV BOISAR PG-1 AND 3 CKT
BIDRI - SAWANTWADI	IntraState	05/12/2021	22:06		Continued.	HT	over voltage
GOREGAON - VERSOVA CKT - 2	IntraState	05/12/2021	23:11		Continued.	EO	To attend HOTSPOT ON YPh CB Pad. Hotspot Temperature - 127 deg C
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
220/33kv 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