

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jan/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.291	1770.065	1) Gujrat	-3.670	-82.225
2) Hydro	11.235	132.198	2) Madhya Pradesh	6.692	69.080
3) Gas	3.633	49.518	3) Chattisgarh	6.150	70.320
Total MSPGCL	157.159	1951.781	4) Maharashtra	126.549	1529.727
B) 1) APMIL	69.000	827.395	5) Goa (Amona)	-1.249	-17.335
2) JSWEL	14.206	164.928	Total	134.472	1569.567
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.082	260.980
4) RPL(AMT)	26.290	316.214	b) Mumbai Drawl	21.406	279.979
5) SWPGPL	7.404	58.346	c) MSEDCL Bilateral *	58.783	648.714
6) Other IPP	37.923	465.746	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.082	260.884
C) 1) TPCL Thermal	9.625	120.180	Include PX	0.000	0.000
2) TPCL Hydro	4.205	49.227	Standby	0.000	0.096
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.612	110.283	1) MSEDCL	429.974	5143.712
D) STATE			2) Mumbai Discoms	43.846	569.008
1) Thermal	315.351	3833.157	3) Other Discoms	8.224	107.371
(A1+C1+C4+(B1-B6))			TOTAL STATE	482.044	5820.091
2) Hydro	15.440	181.425			
(A2+C2)					
3) Gas	3.633	58.858			
(A3+B7+C3)					
4) Wind	7.368	102.793			
6) SOLAR	5.782	74.292			
TOTAL STATE	347.574	4250.525			

* 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 1 Hrs
MSPGCL Thermal	6634	6237	6637	4928
MSPGCL Hydro	1408	460	493	281
MSPGCL Gas	149	145	148	151
MSPGCL Total Generation	8191	6842	7278	5360
Central Sector Receipt	7350	7189	5011	4755
WIND	234	103	234	375
CPP / IPP Thermal	7100	6996	7005	5369
CPP / IPP Gas	0	0	0	0
SOLAR	585	918	1	0
Exchange with Mumbai	-1173	-1269	-866	-691
MSEDCL DEMAND MET	21917	20424	18284	14861
Load Shedding	0	0	0	0
MSEDCL DEMAND	21917	20424	18284	14861
TPCL GENERATION	737	639	854	391
AEML GENERATION	393	335	490	306
MUMBAI DEMAND	2303	2243	2210	1388
OTHER DISCOM DEMAND	370	355	379	307
STATE DEMAND MET	24590	23022	20873	16556
STATE DEMAND	24590	23022	20873	16556
Frequency (Hz)	50.02	50.00	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 09.03 Hrs	49.78 Hz at 19.33 Hrs	50.01	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 12/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.93	31.52	140	0
Unit 7	0.00	0.00	0	0
Unit 8	13.22	162.32	601	381
Unit 9	12.87	127.06	589	395
Unit 10	12.12	138.78	543	350
Total	39.14	459.68		
Bhusawal				
Unit 3	3.24	28.96	170	115
Unit 4	8.24	100.73	415	275
Unit 5	8.16	100.68	405	275
Total	19.64	230.36		
Parli				
Unit 6	4.00	44.49	207	151
Unit 7	3.83	45.92	209	133
Unit 8	3.73	47.49	183	144
Total	11.56	137.90		
Chandrapur				
Unit 3	0.30	29.96	89	0
Unit 4	3.05	39.72	133	122
Unit 5	7.69	93.43	385	288
Unit 6	8.07	103.38	400	278
Unit 7	0.00	54.01	0	0
Unit 8	9.06	117.49	435	278
Unit 9	9.07	114.18	432	279
Total	37.24	552.17		
Paras				
Unit 3	4.27	51.69	245	132
Unit 4	4.15	49.88	233	141
Total	8.42	101.57		
Khaparkheda				
Unit 1	3.07	26.22	140	115
Unit 2	0.00	0.00	0	0
Unit 3	3.32	41.76	154	125
Unit 4	3.29	40.12	161	124
Unit 5	10.07	114.95	495	280
Total	19.76	223.04		
Nasik				
Unit 3	3.28	32.65	188	117
Unit 4	0.00	18.28	0	0
Unit 5	3.26	14.40	184	116
Total	6.54	65.33		
Uran				
All Units	3.63	49.52	163	144
Total	3.63	49.52		
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)	0.12	3.95	25	0
Total	0.12	3.95		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.14	28.00	390	35
Stage 4	1.04	15.24	500	0
Stage 3	0.78	9.64	160	0
Total	3.97	52.88		
Hydro				
KDPH	0.43	1.55	18	18
VTRNA	0.63	5.18	59	0
TILLARI	0.52	6.26	58	0
BHIRA T.R.	0.22	3.01	67	0
SMLHY_PTN	5.46	63.31	239	210
GHATGHAR	0.00	0.00	0	0
Total	7.26	79.32		
Wind				
Total	7.37	102.79	0	0
Total	7.37	102.79		
CPP				
APML(Mus)	69.00	827.40	0	0
JSWEL(Mus)	14.21	164.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.29	316.21	0	0
SWPGPL-Mus	7.40	58.35	0	0
Other(Mus)	37.92	465.75	0	0
Total	154.82	1832.63		
SOLAR				
Total	5.78	74.29	0	0
Total	5.78	74.29		
Tata				
Trombay 5	6.42	78.53	362	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	5.17	0	0
Trombay 7B	0.00	4.17	0	0
Trombay 8	3.20	41.65	155	129
TATA Hydro	4.20	49.23	370	0
Total	13.83	178.75		
AEML				
DTPS U-1&2	8.61	110.28	490	306
Total	8.61	110.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.29	1770.06	MSPGCL Total	157.16	1951.78
			MSPGCL Thml+Gas	145.92	1819.58	Koyna 1,2 & 4 Total	3.19	43.24
			MSPGCL Hydro	11.24	132.20	State Total	347.57	4250.52

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Jan/2022

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	4928	281	151	5360	375	5369	0	0	4849	4755	-691	14861	0	14861	1388	307	16556	49.99
2	5126	279	161	5566	374	5436	0	0	4822	4570	-597	15059	0	15059	1293	290	16642	50.00
3	5181	267	151	5599	438	5447	0	0	4801	4421	-535	15095	0	15095	1238	275	16608	49.99
4	5020	293	152	5465	484	5561	0	0	4962	4457	-508	15195	0	15195	1208	264	16667	49.97
5	5258	291	163	5712	563	5604	0	0	4959	4755	-523	15825	0	15825	1223	286	17334	49.98
6	5641	296	152	6089	503	6234	0	0	5004	4848	-632	16718	0	16718	1333	324	18375	50.00
7	5883	292	152	6327	489	6871	0	2	5081	5216	-637	17931	0	17931	1459	337	19727	50.03
8	6513	378	149	7040	415	6989	0	42	5411	5564	-686	19011	0	19011	1666	353	21030	50.02
9	6549	833	162	7544	294	7087	0	184	6074	6328	-859	20206	0	20206	1956	372	22534	50.02
10	6633	1229	151	8013	308	7104	0	353	7032	6633	-1026	21003	0	21003	2180	382	23565	49.92
11	6634	1408	149	8191	234	7100	0	585	7441	7350	-1173	21917	0	21917	2303	370	24590	50.02
12	6625	791	146	7562	151	7070	0	831	7602	7366	-1245	21385	0	21385	2295	350	24030	50.08
13	6237	460	145	6842	103	6996	0	918	7697	7189	-1269	20424	0	20424	2243	355	23022	50.00
14	5775	398	144	6317	117	6817	0	939	7162	6920	-1162	19594	0	19594	2101	354	22049	50.02
15	5931	398	154	6483	142	6853	0	848	6954	6828	-1135	19680	0	19680	2082	339	22101	50.01
16	6212	380	145	6737	157	6841	0	658	6789	6720	-1125	19637	0	19637	2070	351	22058	50.02
17	6338	392	145	6875	182	6924	0	349	5999	5571	-1010	18523	0	18523	2081	368	20972	50.03
18	6279	375	145	6799	201	6896	0	72	5362	5294	-943	17944	0	17944	2105	375	20424	50.01
19	6637	493	148	7278	234	7005	0	1	5214	5011	-866	18284	0	18284	2210	379	20873	49.98
20	6585	509	158	7252	177	6966	0	0	5186	4961	-977	17997	0	17997	2178	382	20557	49.98
21	6045	317	150	6512	315	6701	0	0	5124	4943	-961	17138	0	17138	2066	372	19576	50.01
22	5919	290	149	6358	355	5779	0	0	5290	4934	-1044	16025	0	16025	1898	357	18280	50.03
23	5438	294	160	5892	370	5570	0	0	5169	4885	-972	15396	0	15396	1718	349	17463	50.01
24	4904	291	151	5346	387	5603	0	0	5085	4953	-830	15125	0	15125	1554	334	17013	50.01
MUs	142.29	11.24	3.63	157.16	7.37	154.82	0.00	5.78	139.07	134.47	-21.41	429.97	0.00	429.97	43.85	8.22	482.05	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 12/Jan/2022

Position as on 6.30 Hrs of 13/Jan/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-4	250	22/11/2021	09:55		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	09/12/2021	01:49		Continued.	CHP coal feeding problem(Converted to Annual Overhaul 00:00Hrs Dt. 18.12.2021)	
MSPGCL	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	07/01/2022	23:55	13/01/2022	07:58	Condenser tube checking, Inspection of Emergency Governer.	
MSPGCL	Bhusawal Unit 4	500	13/01/2022	00:00		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)	
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	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	Uran Unit 6	108	02/12/2021	07:45		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	04/01/2022	19:40		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	04/01/2022	20:00		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	07/01/2022	22:00		Continued.	CONDENSER TUBE LEAKAGE	
MSPGCL	Chandrapur Unit 3	210	09/01/2022	06:10	12/01/2022	18:55	Hydrogen Leakage	
MSPGCL	Koradi Unit 6	210	10/01/2022	05:08	12/01/2022	15:20	Condenser tube cleaning work.	
MSPGCL	Koyna Unit 6	80	13/01/2022	05:40		Continued.	heavy oil leakage at bypass valve of spherical valve	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 13/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BREAKER (411) OF KORADI CKT 1 AND STATION TF-2 @ NANDGAONPETH	InterState	12/01/2022	05:54			PO	Circuit Breaker SF6 gas pressure getting low in 'B' phase of Tie breaker (411). Leakage point is identified. Hence, rectification of issue is essential. Trials shall be taken after NRV replacement and gas filling work.
TIE BAY (408) OF DHARIWAL CKT - 1 & GCR CKT-2 @ CHANDRAPUR - 2	IntraState	12/01/2022	15:40	12/01/2022	18:41		attending Hot spot at Y ph 89A isolator female contacts line dropper side of 400KV Dhariwal Ckt. I and R ph 89B isolator female contacts line dropper side of 400KV GCR ckt. II
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	21/12/2021	12:35			HT	HAND TRIPPED TO CONTROL LINE LOADING OF 400KV TALEGAON-KALWA AND 400KV TALEGAON - KHARGHAR CKT
KORADI - KHAPERKHEDA CKT - 1	IntraState	10/01/2022	10:38			PO	Retrofitting of Distance Relay I & II under MTAMC Project
NAGOTHANE - DABHOL CKT - 1	IntraState	11/01/2022	08:52			PO	Earthwire replacement Work & cold washing work
JAIGAD - KARAD CKT - 1	IntraState	11/01/2022	20:21	12/01/2022	09:22	HT	H/T For Over Voltage.
LONIKAND II - LONIKAND I (INTERCONNECTOR) - 1	IntraState	12/01/2022	09:08	13/01/2022	00:57	PO	03 Nos of master trip relay replacement work under MTAMC Project.
PARLI-SOLAPUR (LAMBOTI)	IntraState	12/01/2022	09:31	12/01/2022	19:09	PO	Hardware Tightening and Fitting Work.
NAGOTHANE - DABHOL CKT - 1	IntraState	12/01/2022	11:48			PO	Earthwire replacement Work & cold washing work
BABHALESHWAR - PADGHE CKT-1	IntraState	12/01/2022	21:46	13/01/2022	00:48	T	padghe-z-1,R,2.4kA,153 km BBLR-z-1,R,9.38kA,20.7 km
400 KV ICT Outages/Trippings							
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	11/01/2022	09:18	12/01/2022	18:44	PO	for MTAMC Relay retrofitting work and routine bay maintenance activities including CB DCRM, Bushing, wdg tan Delta, HV CT tan delta testing
400/220/20 KV 500MVA ICT - 3 @ KALWA	IntraState	11/01/2022	22:18	12/01/2022	00:56	EO	Hot spot attending work
500 MVA 400/220 KV ICT - I @ CHANDRAPUR 2	IntraState	12/01/2022	08:33	12/01/2022	17:11	PO	Diagnostic Testing work carried out on Line CT and 220KV CB.
400/220KV 315 MVA ICT - 2 @ NEW KOYNA	IntraState	12/01/2022	09:47	12/01/2022	18:54	PO	Diagnostic testing & Relay testing work & Routine maint. Work
220 KV LINE Outages/Trippings							
BORIVALI - BOISAR (PG)	IntraState	19/12/2021	09:18			PO	1) 220kV PGCIL (Boisar)- Borivali line tapping will be done to 220kV Kamba-Vasai line at loc no. 204. After that 220KV PGCIL-Vasai Line will be charged at 18:00 Hrs on 19.12.2021 & it will be in service till 30.01.2022 for 43 days. 2) This work is required for DFCCIL work of Temporary shifting of existing of 100kV D/C padgha -Vasai Line between loc no. 85-93 on existing line corridor of D/C 220kV PadghaNalasopara-Vasai Tap line and 220kV Kamba Vasai Line between location no 8 to 14.
PADGHE - TEMGHAR - 2	IntraState	02/01/2022	23:25			HT	conductor replacement work
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	07/01/2022	11:25			PO	For shifting to New GIS at Tata Borivali

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 12/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 13/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
AAREY - MSETCL BORIVALI CKT - 1	IntraState	07/01/2022	11:59			T	differential prot optd,Y=33.29 kA,dist-3.2 km from Borivali
KALWA - COLOURCHEM	IntraState	07/01/2022	15:22			PO	To carry out stringing work between Location no. 17 to 19 at Lodha Paradise Thane
BOISAR II - BOISAR (PG) CKT - 1	IntraState	10/01/2022	09:51			PO	REPLACEMENT OF old CONDUCTOR by HTLS CONDUCTOR
TROMBAY - SALSETTE CKT - 1	IntraState	11/01/2022	23:42	12/01/2022	03:02	PO	METRO-4 WORK
TROMBAY SALSETTE LINE-2	IntraState	11/01/2022	23:54	12/01/2022	03:22	PO	METRO-4 WORK
BABHALESHWAR - DEOGAON RANGARI	IntraState	12/01/2022	00:03			PO	29A, 29B islaotr servicing and alignment and mchanism box replacment jump opening and reconnection for main bus I and main bus II by hot line unit
THEUR-PHURSUNGI CKT I	IntraState	12/01/2022	09:36	12/01/2022	17:41	PO	R,Y B PH CT replacement work due to high tan delta and bay maintenance work
KARAD -MUDSHINGI CKT 2-TAK	IntraState	12/01/2022	09:40	12/01/2022	18:09	PO	Quarterly maint work
TALANDGE - SAWANTWADI	IntraState	12/01/2022	09:43	12/01/2022	18:08	PO	conversion of SSN to DSN & Conversion of STN To DTN
MAIN BUS - 1 @ SOUTH SOLAPUR	IntraState	12/01/2022	11:05	12/01/2022	16:32	PO	Outage is required for Quarterly Maintenance
NAGOTHANE - ACCIL	IntraState	12/01/2022	11:11	12/01/2022	17:41	PO	1) Damaged insulator string replacement at Loc.No.40A-B ph, Loc.No.39B-B ph, 43B-Y ph and other line maintenance work.
220KV TULJAPUR-LAMBOTI(400KV)CKT 1	IntraState	12/01/2022	13:11	12/01/2022	15:55	PO	Quarterly Maint. work.
220KV TULJAPUR - LAMBOTI(400KV) CKT 2	IntraState	12/01/2022	16:06	12/01/2022	17:06	PO	Quarterly Maint.work.
220 KV ICT Outages/Trippings							
132 KV KANHAN (220 KV) - PENCH CKT	InterState	12/01/2022	17:08	12/01/2022	18:06	PO	Routine Maintenance work.
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
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220/22 KV 50 MVA PTR 2 @ KALWA	IntraState	12/01/2022	09:17			PO	CB MECHANISM & POLE OUERHAVLING
220/33 KV 50 MVA PTR NO 3 @ ALEPHATA	IntraState	12/01/2022	09:35	12/01/2022	11:08	EO	LV cable termination got damaged & charting sound appears. For making out from service emergency outage taken.
220/132KV 200MVA PTR 1 @ LONAND	IntraState	12/01/2022	10:14	12/01/2022	17:12	PO	Nitrogen injection system servicing work
220/22-22 KV 100 MVA PTR 1 @ COLOURCHEM	IntraState	12/01/2022	12:35	12/01/2022	15:30	EO	For emergency work of attending oil leakage from transformer LV Y ph bushing and oil top up by agency.
220/22 KV 50 MVA PTR 4 @ COLOURCHEM	IntraState	12/01/2022	16:20	12/01/2022	16:55	EO	For emergency oil top up work by agency.

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