

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jan/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.387	1627.774	1) Gujrat	-2.916	-78.555
2) Hydro	11.772	120.963	2) Madhya Pradesh	7.778	62.388
3) Gas	3.630	45.885	3) Chattisgarh	6.790	64.170
Total MSPGCL	154.789	1794.622	4) Maharashtra	123.562	1403.178
B) 1) APLM	67.860	758.395	5) Goa (Amona)	-1.488	-16.086
2) JSWEL	14.095	150.722	Total	133.726	1435.095
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.838	241.898
4) RPL(AMT)	25.346	289.924	b) Mumbai Drawl	21.868	258.573
5) SWPGPL	6.106	50.942	c) MSEDCL Bilateral *	58.642	589.931
6) Other IPP	38.441	427.823	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.838	241.802
C) 1) TPCL Thermal	9.474	110.555	Include PX	0.000	0.000
2) TPCL Hydro	4.102	45.022	Standby	0.000	0.096
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.266	101.671	1) MSEDCL	426.906	4715.358
D) STATE			2) Mumbai Discoms	43.710	525.162
1) Thermal	308.975	3517.806	3) Other Discoms	8.170	97.527
(A1+C1+C4+(B1-B6))			TOTAL STATE	478.786	5338.047
2) Hydro	15.874	165.985			
(A2+C2)					
3) Gas	3.630	55.225			
(A3+B7+C3)					
4) Wind	10.851	95.425			
6) SOLAR	5.730	68.510			
TOTAL STATE	345.060	3902.951			

* 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 24 Hrs
MSPGCL Thermal	6390	6364	6226	4737
MSPGCL Hydro	1139	438	391	286
MSPGCL Gas	147	144	148	150
MSPGCL Total Generation	7676	6946	6765	5173
Central Sector Receipt	7559	6669	5244	4841
WIND	158	616	462	363
CPP / IPP Thermal	6915	6771	6938	5362
CPP / IPP Gas	0	0	0	0
SOLAR	597	933	0	0
Exchange with Mumbai	-1187	-1241	-991	-807
MSEDCL DEMAND MET	21358	20336	18026	14595
Load Shedding	0	0	0	0
MSEDCL DEMAND	21358	20336	18026	14595
TPCL GENERATION	735	662	741	391
AEML GENERATION	384	352	449	338
MUMBAI DEMAND	2306	2255	2181	1536
OTHER DISCOM DEMAND	360	358	392	337
STATE DEMAND MET	24024	22949	20599	16468
STATE DEMAND	24024	22949	20599	16468
Frequency (Hz)	50.02	50.04	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 13.05 Hrs	49.79 Hz at 14.14 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 11/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	30.59	0	0
Unit 7	0.00	0.00	0	0
Unit 8	13.59	149.10	605	376
Unit 9	12.56	114.19	565	372
Unit 10	11.77	126.66	520	375
Total	37.92	420.54		
Bhusawal				
Unit 3	3.28	25.72	170	120
Unit 4	8.32	92.50	420	280
Unit 5	8.44	92.51	450	280
Total	20.04	210.73		
Parli				
Unit 6	1.76	40.48	187	0
Unit 7	3.83	42.09	187	137
Unit 8	4.14	43.76	219	143
Total	9.74	126.34		
Chandrapur				
Unit 3	0.00	29.65	0	0
Unit 4	2.96	36.67	137	118
Unit 5	7.57	85.74	375	265
Unit 6	8.56	95.31	435	273
Unit 7	0.00	54.01	0	0
Unit 8	9.63	108.43	448	278
Unit 9	8.95	105.11	422	280
Total	37.67	514.94		
Paras				
Unit 3	4.28	47.42	250	138
Unit 4	4.24	45.73	233	140
Total	8.52	93.15		
Khaparkheda				
Unit 1	2.65	23.14	130	40
Unit 2	0.00	0.00	0	0
Unit 3	3.48	38.44	175	123
Unit 4	3.48	36.83	165	130
Unit 5	9.26	104.87	460	280
Total	18.86	203.29		
Nasik				
Unit 3	3.38	29.37	185	118
Unit 4	0.00	18.28	0	0
Unit 5	3.26	11.14	175	112
Total	6.64	58.80		
Uran				
All Units	3.63	45.88	164	141
Total	3.63	45.88		
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)	0.06	3.83	23	0
Total	0.06	3.83		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.44	25.85	340	35
Stage 4	1.31	14.19	429	0
Stage 3	0.79	8.86	160	0
Total	4.54	48.90		
Hydro				
KDPH	0.23	1.12	18	0
VTRNA	0.76	4.56	59	0
TILLARI	0.52	5.74	58	0
BHIRA T.R.	0.28	2.79	70	0
SMLHY_PTN	5.43	57.86	232	221
GHATGHAR	0.00	0.00	0	0
Total	7.23	72.06		
Wind				
Total	10.85	95.42	0	0
Total	10.85	95.42		
CPP				
APML(Mus)	67.86	758.40	0	0
JSWEL(Mus)	14.10	150.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.35	289.92	0	0
SWPGPL-Mus	6.11	50.94	0	0
Other(Mus)	38.44	427.82	0	0
Total	151.85	1677.81		
SOLAR				
Total	5.73	68.51	0	0
Total	5.73	68.51		
Tata				
Trombay 5	6.33	72.11	287	255
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	3.14	38.45	132	128
TATA Hydro	4.10	45.02	358	0
Total	13.58	164.92		
AEMIL				
DTPS U-1&2	8.27	101.67	449	286
Total	8.27	101.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.39	1627.77	MSPGCL Total	154.79	1794.62
			MSPGCL Thml+Gas	143.02	1673.66	Koyna 1,2 & 4 Total	3.75	40.04
			MSPGCL Hydro	11.77	120.96	State Total	345.06	3902.95

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	4712	275	153	5140	501	5608	0	0	4852	4789	-667	15066	0	15066	1381	305	16752	49.97
2	4740	264	155	5159	477	5623	0	0	4812	4646	-583	15035	0	15035	1281	287	16603	49.96
3	5001	264	164	5429	486	5618	0	0	4769	4559	-528	15301	0	15301	1233	262	16797	49.98
4	5000	271	150	5421	568	5599	0	0	4863	4598	-507	15406	0	15406	1211	273	16890	50.01
5	5416	265	153	5834	527	5614	0	0	4881	4606	-517	15778	0	15778	1223	286	17287	49.98
6	5594	268	161	6023	422	6189	0	0	5027	5036	-609	16765	0	16765	1314	296	18375	50.00
7	6013	336	151	6500	265	6852	0	1	5058	5421	-658	18049	0	18049	1452	332	19833	50.02
8	6428	679	152	7259	266	6988	0	65	5436	5315	-723	18815	0	18815	1675	355	20845	50.01
9	6506	1073	151	7730	162	6978	0	248	6083	6295	-894	20153	0	20153	1956	366	22475	50.03
10	6514	1263	150	7927	128	7060	0	420	6845	6891	-1051	21019	0	21019	2188	356	23563	50.02
11	6390	1139	147	7676	158	6915	0	597	7859	7559	-1187	21358	0	21358	2306	360	24024	50.02
12	6426	788	146	7360	448	6877	0	798	7738	7427	-1258	21299	0	21299	2326	353	23978	50.03
13	6364	438	144	6946	616	6771	0	933	7784	6669	-1241	20336	0	20336	2255	358	22949	50.04
14	6167	456	141	6764	905	6553	0	881	6924	6123	-1138	19750	0	19750	2108	338	22196	50.06
15	5675	513	156	6344	812	5740	0	803	6870	6457	-1153	18663	0	18663	2076	340	21079	49.92
16	5825	698	146	6669	662	6051	0	564	6549	6989	-1149	19429	0	19429	2072	357	21858	49.98
17	6331	392	145	6868	508	6838	0	350	5709	5295	-1028	18455	0	18455	2068	376	20899	49.96
18	6426	413	148	6987	462	6909	0	70	5305	4820	-1020	17843	0	17843	2091	385	20319	49.98
19	6226	391	148	6765	462	6938	0	0	5408	5244	-991	18026	0	18026	2181	392	20599	49.94
20	6420	343	159	6922	433	6997	0	0	5107	5085	-1060	17994	0	17994	2157	383	20534	49.98
21	5755	321	149	6225	399	6531	0	0	5050	5049	-983	16849	0	16849	2045	372	19266	49.99
22	5587	323	150	6060	416	5715	0	0	5395	5321	-1124	16021	0	16021	1882	367	18270	50.00
23	5134	313	161	5608	405	5522	0	0	5175	4691	-992	14899	0	14899	1693	335	16927	50.01
24	4737	286	150	5173	363	5362	0	0	4967	4841	-807	14595	0	14595	1536	337	16468	49.97
MUs	139.39	11.77	3.63	154.79	10.85	151.85	0.00	5.73	138.47	133.73	-21.87	426.91	0.00	426.91	43.71	8.17	478.79	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 11/Jan/2022

Position as on 6.30 Hrs of 12/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		Continued.	Condenser tube checking, Inspection of Emergency Governer.	
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	
CPP	SWPGL U-4	135	03/01/2022	18:28	11/01/2022	14:20	TRIPPED DUE TO P.A FAN PROBLEM	
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		Continued.	Hydrogen Leakage	
MSPGCL	Koradi Unit 6	210	10/01/2022	05:07		Continued.	Flame Failure.	
MSPGCL	Parli Unit 6	250	10/01/2022	17:46	11/01/2022	12:20	tripped on electrical fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 12/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 Dia-4 i.e. Koradi 1 - Station Transformer-2	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.
400 KV LINE Outages/Trippings							
TBC 2 @ CHANDRAPUR	IntraState	20/12/2021	08:58			PO	1) For replacement of 400KV old overaged PG Isolators (Bus-1 & Aux. Bus Isolators.) 2) Servicing and overhauling of 400KV BHEL make quadruple CB. 3) Measurement of Timing, DCRM and CRM of CB.
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
PARLI - LONIKAND 2 CKT - 1	IntraState	09/01/2022	09:10	11/01/2022	20:54	PO	Completion of jumpering at LILO point for charging of 400kV Karjat SS
KORADI - KHAPERKHEDA CKT - 1	IntraState	10/01/2022	10:38			PO	Retrofitting of Distance Relay I & II under MTAMC Project
JAIGAD - KARAD CKT - 2	IntraState	10/01/2022	22:48	11/01/2022	09:25	HT	Over voltage
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			HT	H/T For Over Voltage.
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 1 @ PADGHE	IntraState	07/01/2022	09:56	11/01/2022	23:59	PO	1) Diagnostic testing work 2) Bay maintenance work 3) MTAMC work (project work)
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	11/01/2022	09:18			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
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
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 12/Jan/2022

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	10/01/2022	09:51			PO	REPLACEMENT OF old CONDUCTOR by HTLS CONDUCTOR
BABLESHWAR -BHENDA	IntraState	10/01/2022	22:53			PO	29A, 29B isolator servicing and alignment and mechanism box replacement . Jump opening and reconnection for Main bus I and Main bus II by Hot line Unit,Nasik
BIDRI - SAWANTWADI	IntraState	11/01/2022	09:43	11/01/2022	17:57	PO	for conversion of SSN to DSN
OSMANABAD - SOLAPUR (BALE)	IntraState	11/01/2022	10:22	11/01/2022	13:29	PO	Outages is required for Quarterly Maintenace
KANDALGAON - ONGC PANVEL	IntraState	11/01/2022	11:50	11/01/2022	18:45	PO	R&Y phase CT Oil leakage attending work & Other maintenance work.
VARKUTI- HIWARWADI	IntraState	11/01/2022	14:10	11/01/2022	20:08	PO	For routine testing of Hiwarwadi bay at Varkute S/s
BABLESHWAR -BHENDA	IntraState	11/01/2022	17:52			PO	29D and 29C isolator servicing and alignment
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
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
220/22 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
220/33 KV 50 MVA PTR 2 @ KHARGHAR	IntraState	11/01/2022	08:54	11/01/2022	18:02	PO	For SFRA testing work
220/132KV 200MVA PTR 2 @ LONAND	IntraState	11/01/2022	10:15	11/01/2022	18:02	PO	Nitrogen injection system servicing work

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