

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jan/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.597	425.023	1) Gujrat	-9.750	-28.911
2) Hydro	11.447	29.150	2) Madhya Pradesh	3.280	7.401
3) Gas	5.782	17.331	3) Chattisgarh	5.150	16.740
Total MSPGCL	165.826	471.504	4) Maharashtra	128.840	378.736
B) 1) APLM	70.518	202.297	5) Goa (Amona)	-1.619	-4.285
2) JSWEL	13.159	38.660	Total	125.901	369.681
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.254	59.633
4) RPL(AMT)	27.304	78.353	b) Mumbai Drawl	24.907	66.977
5) SWPGPL	5.284	16.739	c) MSEDCL Bilateral *	52.581	156.415
6) Other IPP	39.925	119.102	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.254	59.633
C) 1) TPCL Thermal	9.904	29.205	Include PX	0.000	0.000
2) TPCL Hydro	4.506	9.772	Standby	0.000	0.000
3) TPCL Gas	2.329	7.487	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.931	27.889	1) MSEDCL	430.203	1258.219
D) STATE			2) Mumbai Discoms	51.577	141.330
1) Thermal	324.622	937.268	3) Other Discoms	8.276	16.537
(A1+C1+C4+(B1-B6))			TOTAL STATE	490.056	1359.174
2) Hydro	15.953	38.922			
(A2+C2)					
3) Gas	8.111	24.818			
(A3+B7+C3)					
4) Wind	9.125	28.255			
6) SOLAR	6.344	17.142			
TOTAL STATE	364.155	1046.405			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6716	6821	7189	4580
MSPGCL Hydro	729	448	762	260
MSPGCL Gas	232	241	246	241
MSPGCL Total Generation	7677	7510	8197	5081
Central Sector Receipt	6956	6618	4533	4538
WIND	222	152	254	516
CPP / IPP Thermal	6924	6986	6942	5551
CPP / IPP Gas	0	0	0	0
SOLAR	1014	994	0	0
Exchange with Mumbai	-1361	-1429	-971	-787
MSEDCL DEMAND MET	21073	20463	18562	14617
Load Shedding	0	0	0	0
MSEDCL DEMAND	21073	20463	18562	14617
TPCL GENERATION	848	753	1067	493
AEML GENERATION	471	453	489	313
MUMBAI DEMAND	2680	2635	2527	1593
OTHER DISCOM DEMAND	359	368	393	282
STATE DEMAND MET	24112	23466	21482	16492
STATE DEMAND	24112	23466	21482	16492
Frequency (Hz)	50.02	49.93	49.91	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 19.20 Hrs	49.74 Hz at 00.00 Hrs	49.97	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/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.50	10.00	170	120
Unit 7	0.00	0.00	0	0
Unit 8	13.07	38.09	599	426
Unit 9	7.05	7.05	605	0
Unit 10	7.71	29.35	544	0
Total	31.34	84.49		
Bhusawal				
Unit 3	3.39	9.58	170	120
Unit 4	8.97	25.54	460	280
Unit 5	8.64	25.20	430	280
Total	21.00	60.33		
Parli				
Unit 6	4.03	11.91	200	144
Unit 7	3.86	11.42	180	148
Unit 8	3.90	11.62	178	150
Total	11.79	34.95		
Chandrapur				
Unit 3	3.71	10.40	179	123
Unit 4	3.38	9.82	166	125
Unit 5	7.45	23.09	365	293
Unit 6	8.13	24.79	435	274
Unit 7	7.63	22.51	345	285
Unit 8	10.23	29.36	460	296
Unit 9	9.48	28.00	428	283
Total	50.01	147.96		
Paras				
Unit 3	4.76	12.83	254	140
Unit 4	4.64	12.54	244	139
Total	9.40	25.37		
Khaparkheda				
Unit 1	2.65	7.66	140	90
Unit 2	0.00	0.00	0	0
Unit 3	4.03	10.32	205	133
Unit 4	3.33	9.59	162	124
Unit 5	8.59	25.78	440	280
Total	18.60	53.35		
Nasik				
Unit 3	2.91	2.91	190	0
Unit 4	3.54	9.70	182	119
Unit 5	0.00	5.96	0	0
Total	6.45	18.58		
Uran				
All Units	5.78	17.33	252	227
Total	5.78	17.33		
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)	0.63	1.87	53	13
Total	0.63	1.87		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.30	7.40	410	35
Stage 4	0.86	1.00	255	0
Stage 3	1.32	2.26	160	0
Total	5.48	10.66		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.52	1.57	58	0
BHIRA T.R.	0.20	0.72	40	0
SMLHY_PTN	5.24	16.21	228	185
GHATGHAR	0.00	0.00	0	0
Total	5.97	18.49		
Wind				
Total	9.12	28.26	0	0
Total	9.12	28.26		
CPP				
APML(Mus)	70.52	202.30	0	0
JSWEL(Mus)	13.16	38.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.30	78.35	0	0
SWPGPL-Mus	5.28	16.74	0	0
Other(Mus)	39.92	119.10	0	0
Total	156.19	455.15		
SOLAR				
Total	6.34	17.14	0	0
Total	6.34	17.14		
Tata				
Trombay 5	6.38	18.93	362	251
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	4.16	65	50
Trombay 7B	1.05	3.33	51	41
Trombay 8	3.53	10.27	220	129
TATA Hydro	4.51	9.77	430	0
Total	16.74	46.46		
AEML				
DTPS U-1&2	9.93	27.89	501	313
Total	9.93	27.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.60	425.02	MSPGCL Total	165.83	471.50
			MSPGCL Thml+Gas	154.38	442.35	Koyna 1,2 & 4 Total	4.16	8.40
			MSPGCL Hydro	11.45	29.15	State Total	364.16	1046.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4490	268	250	5008	531	5537	0	0	4781	4756	-861	14657	0	14657	1684	314	16655	49.99
2	4580	260	241	5081	516	5551	0	0	4708	4538	-787	14617	0	14617	1593	282	16492	50.00
3	4856	275	251	5382	501	5533	0	0	4639	4668	-698	15135	0	15135	1524	251	16910	49.99
4	5010	265	242	5517	630	5611	0	0	4616	4471	-676	15287	0	15287	1493	266	17046	49.97
5	5076	268	251	5595	675	6039	0	0	4720	4386	-687	15719	0	15719	1496	289	17504	49.97
6	5309	267	242	5818	753	6754	0	0	4762	4606	-781	16836	0	16836	1595	314	18745	49.99
7	5954	264	252	6470	754	6975	0	0	4832	4717	-774	17812	0	17812	1715	330	19857	49.94
8	6432	516	243	7191	714	7028	0	62	5159	5283	-834	19089	0	19089	1917	355	21361	49.98
9	6551	618	241	7410	509	7033	0	320	5427	5665	-955	19611	0	19611	2218	371	22200	50.00
10	6583	903	247	7733	485	6995	0	602	5968	6188	-1141	20495	0	20495	2487	367	23349	49.99
11	6768	1083	234	8085	361	6938	0	858	6622	6466	-1291	21046	0	21046	2646	371	24063	49.99
12	6716	729	232	7677	222	6924	0	1014	7032	6956	-1361	21073	0	21073	2680	359	24112	50.02
13	6821	448	241	7510	152	6986	0	994	6899	6618	-1429	20463	0	20463	2635	368	23466	49.93
14	6779	450	228	7457	111	6974	0	893	6541	6520	-1397	20206	0	20206	2485	352	23043	49.98
15	6838	519	227	7584	70	6981	0	801	6527	6546	-1379	20237	0	20237	2497	366	23100	49.95
16	7179	740	241	8160	60	7014	0	521	6260	6105	-1346	20140	0	20140	2511	374	23025	49.92
17	7059	719	233	8011	74	6980	0	235	5702	5536	-1141	19319	0	19319	2501	376	22196	49.94
18	7168	433	234	7835	126	7011	0	44	5214	4886	-1028	18489	0	18489	2478	385	21352	49.92
19	7189	762	246	8197	254	6942	0	0	4961	4533	-971	18562	0	18562	2527	393	21482	49.91
20	7175	577	236	7988	346	6892	0	0	4658	4128	-938	18036	0	18036	2459	380	20875	49.96
21	6404	284	243	6931	393	6682	0	0	5104	4355	-1120	16873	0	16873	2329	368	19570	50.02
22	6110	265	240	6615	336	5932	0	0	4993	4576	-1179	15919	0	15919	2173	361	18453	49.99
23	6080	267	247	6594	303	5453	0	0	4959	4542	-1109	15425	0	15425	2035	358	17818	50.01
24	5470	267	240	5977	249	5425	0	0	4961	4856	-1024	15157	0	15157	1899	326	17382	49.99
MUs	148.60	11.45	5.78	165.83	9.13	156.19	0.00	6.34	130.04	125.90	-24.91	430.20	0.00	430.20	51.58	8.28	490.06	49.97

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/Jan/2022

Position as on 6.30 Hrs of 04/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	
IPP	SWPGL U-2	135	25/12/2021	00:09		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
MSPGCL	Ghatghar Unit-2	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	
MSPGCL	Nasik Unit 3	210	27/12/2021	20:30	03/01/2022	05:05	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	27/12/2021	23:45	03/01/2022	09:13	Boiler Tube Leakage	
MSPGCL	Koradi Unit-10	660	02/01/2022	18:28	03/01/2022	04:10	11 KV UNIT SWITCH GEAR 1 EARTH FAULT	
MSPGCL	Nasik Unit 5	210	02/01/2022	23:25		Continued.	Boiler Validity Renevoation	
CPP	SWPGL U-4	135	03/01/2022	18:28		Continued.	TRIPPED DUE TO P.A FAN PROBLEM	
MSPGCL	Uran Unit 5	108	04/01/2022	00:15		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 03/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 04/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Tripping							
MAIN BAY (704) OF ICT - 2 @ KORADI 3	IntraState	03/01/2022	09:28	03/01/2022	18:49	PO	Annual maintenance of Bay equipments
400 KV LINE Outages/Tripping							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	08/12/2021	10:46			HT	H/T TO CONTROL MUMBAI LINE LOADING
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
TBC @ KORADI-1	IntraState	24/12/2021	13:40			EO	"Heavy air leakage in ABB make 400 kV CB R pole observed and CB got lockout due to 0 bar air pressure in CB. To attend the heavy air leakage of ABB make 400 kV CB R pole emergency outage is required on 400 kV TBC Bay ."
THAPTI TANDA - WALUJ	IntraState	01/01/2022	07:22			T	TRIPPED ON DIST.PRTN
JAIGAD - KARAD CKT - 2	IntraState	02/01/2022	21:39	03/01/2022	09:30	HT	over voltage
KHADKA-AURANGABAD	IntraState	02/01/2022	21:46	03/01/2022	08:33	HT	over voltage
LONIKAND I - KOYNA STAGE-IV	IntraState	02/01/2022	21:47	03/01/2022	08:30	HT	over voltage
JAIGAD - KARAD CKT - 1	IntraState	03/01/2022	22:07			HT	HT for overvoltage
220 KV LINE Outages/Tripping							
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.
LOTEPARSHURAM- DASTURI LINE	IntraState	25/12/2021	16:00			PO	For C & Tan delta testing of Line CTs at 220kV Dasturi S/s.
NEW KOYNA - POPHALI	IntraState	26/12/2021		26/12/2021		PO	For diagnostic testing, relay testing and routine maintenance work
WAGHIVALI - DHARAVI 7	IntraState	27/12/2021	08:16			PO	FOR NMIA WORK
ONI KHAREPATAN LINE	IntraState	02/01/2022	15:40	03/01/2022	00:13	T	DISTANCE PROTECTION OPTD
PADGHE - TEMGHAR - 2	IntraState	02/01/2022	23:25			HT	conductor replacement work
TEMGHAR - KALWA	IntraState	02/01/2022	23:28	03/01/2022	00:08	HT	bus couplar crossing at temghar

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 04/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 - 3	IntraState	02/01/2022	23:43	03/01/2022	09:49	EO	1) For replacement of R-phase 800-400/1A CT by 1600-800/1A CT. 2) On 12.12.2021, R-phase 1600-800/1A CT of 220KV Boisar-II- PGCIL Line no.3 got damaged due to falling of Wave Trap on the R-phase CT during the Bay strengthening work at 220KV Boisar-II ss and same was replaced by 800-400/1A CT in emergency. 3) Due to this, there is constraint in loading capacity of the line which is having Twin Conductor. 4) Therefore, it is necessary to upgrade the R-phase CT to 1600-800/1A along with its jumper to avoid any untoward incidence/ cascading tripping on PGCIL lines at 220KV Boisar-II S/stn due to overloading.
PADGHE - JAMBHUL 2	IntraState	03/01/2022	08:42	03/01/2022	18:44	PO	Online stringing of OPGW cable on below line 1)220kV Padgha-Jambhul Line
VITA - HIWARWADI	IntraState	03/01/2022	09:10	03/01/2022	17:43	PO	1. Cold line washing work 2. Restraining of conductor Loc No.150-166
TOPWORTH - Vile - bhagad	IntraState	03/01/2022	11:22	03/01/2022	19:28	PO	Emergency tree cutting work and other line maintenance work
NAGAR BELWANDI CKT 2	IntraState	03/01/2022	12:23	03/01/2022	15:03		For Integration of Bay into New SCADA System
NERLE- POPHALI	IntraState	03/01/2022	14:30	03/01/2022	14:50	HT	for filling of SF6 gas in R ph CB
BABLESHWAR -BHENDA	IntraState	03/01/2022	20:10			PO	29A, 29B isolator servicing and alignment . Jump opening and reconnection for Main bus I and Main bus II by Hot line Unit,Nasik
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 dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/33KV 25MVA PTR 1	IntraState	01/01/2022	19:40			HT	heavy oil leakage is observed from the main tank of HV Y - Phase CT
220/33KV 25MVA PTR 1	IntraState	03/01/2022	09:40	03/01/2022	22:13	PO	Replacement of LV side CB of T/F
220/33-22 KV 50 MVA PTR 1 @ NERUL	IntraState	03/01/2022	10:02	03/01/2022	16:23	PO	After T/F No. 1 is charge through TBC bay following work to be carried out: 1) Nut bolt of T Clamp on main bus of T/f no. 1 by Hot line maintenance dept. 2) Bus isolator maintenance work by Agency
220/33 kV 50 MVA CGL PTR 1 @ MUDSHINGI	IntraState	03/01/2022	10:02	03/01/2022	17:45	PO	PRV Replacement work & Quarterly maintenance work .
220/100 KV 100 MVA ICT 2 @ KANDALGAON	IntraState	03/01/2022	10:20	03/01/2022	17:35	PO	ALLUMINA REPLACEMENT WORK, HALF YEARLY MAINTENANCE, TESTING OF TAMS etc.
132 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 04/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KANHAN-PENCH	IntraState	03/01/2022	10:11			PO	For CVT Replacement Work at pench end

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