

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jan/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.887	746.300	1) Gujrat	-8.629	-48.285
2) Hydro	11.845	52.146	2) Madhya Pradesh	4.845	15.323
3) Gas	3.632	24.610	3) Chattisgarh	5.530	27.490
Total MSPGCL	175.364	823.056	4) Maharashtra	137.426	647.325
B) 1) APLM	70.257	343.302	5) Goa (Amona)	-1.279	-7.026
2) JSWEL	13.357	64.894	Total	137.893	634.827
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.519	107.204
4) RPL(AMT)	26.938	132.422	b) Mumbai Drawl	26.296	117.945
5) SWPGPL	3.165	22.983	c) MSEDCL Bilateral *	47.770	251.942
6) Other IPP	38.632	197.050	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.519	107.204
C) 1) TPCL Thermal	10.702	50.846	Include PX	0.000	0.000
2) TPCL Hydro	5.660	20.531	Standby	0.000	0.000
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.311	48.199	1) MSEDCL	444.367	2142.073
D) STATE			2) Mumbai Discoms	52.969	246.861
1) Thermal	333.249	1605.996	3) Other Discoms	8.212	33.002
(A1+C1+C4+(B1-B6))			TOTAL STATE	505.548	2297.774
2) Hydro (A2+C2)	17.505	72.677			
3) Gas (A3+B7+C3)	3.632	33.950			
4) Wind	6.746	44.004			
6) SOLAR	6.523	30.482			
TOTAL STATE	367.655	1787.109			

* 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	7149	7224	7147	5573
MSPGCL Hydro	1558	897	352	267
MSPGCL Gas	158	156	145	159
MSPGCL Total Generation	8865	8277	7644	5999
Central Sector Receipt	6513	6641	6036	5075
WIND	314	146	60	301
CPP / IPP Thermal	6867	6766	6738	5372
CPP / IPP Gas	0	0	0	0
SOLAR	832	1002	2	0
Exchange with Mumbai	-1150	-1360	-1167	-886
MSEDCL DEMAND MET	21877	21119	18927	15558
Load Shedding	0	0	0	0
MSEDCL DEMAND	21877	21119	18927	15558
TPCL GENERATION	1082	844	914	439
AEML GENERATION	501	501	499	500
MUMBAI DEMAND	2733	2705	2580	1825
OTHER DISCOM DEMAND	364	353	386	303
STATE DEMAND MET	24974	24177	21893	17686
STATE DEMAND	24974	24177	21893	17686
Frequency (Hz)	49.97	49.97	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 06.10 Hrs	49.78 Hz at 16.33 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 05/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.49	16.88	175	120
Unit 7	0.00	0.00	0	0
Unit 8	13.87	65.51	622	476
Unit 9	13.13	34.24	578	480
Unit 10	12.29	54.53	535	455
Total	42.79	171.16		
Bhusawal				
Unit 3	3.50	16.43	175	125
Unit 4	8.73	43.08	445	280
Unit 5	9.11	43.22	495	275
Total	21.34	102.74		
Parli				
Unit 6	4.08	20.05	197	151
Unit 7	3.86	19.12	184	145
Unit 8	3.93	19.52	183	145
Total	11.87	58.69		
Chandrapur				
Unit 3	3.59	17.74	185	113
Unit 4	3.53	16.99	174	120
Unit 5	7.74	38.47	365	275
Unit 6	9.04	42.31	445	266
Unit 7	7.65	37.73	356	285
Unit 8	10.08	48.99	449	285
Unit 9	10.08	47.90	449	285
Total	51.71	250.13		
Paras				
Unit 3	4.29	21.82	228	138
Unit 4	4.39	21.27	236	142
Total	8.68	43.09		
Khaparkheda				
Unit 1	2.81	13.43	135	100
Unit 2	0.00	0.00	0	0
Unit 3	3.62	17.08	185	120
Unit 4	3.36	16.14	160	122
Unit 5	10.51	45.62	495	280
Total	20.31	92.26		
Nasik				
Unit 3	3.19	9.55	158	117
Unit 4	0.00	12.73	0	0
Unit 5	0.00	5.96	0	0
Total	3.19	28.24		
Uran				
All Units	3.63	24.61	161	143
Total	3.63	24.61		
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)	0.58	3.03	32	7
Total	0.58	3.03		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.82	12.71	470	35
Stage 4	1.71	4.10	688	0
Stage 3	1.34	4.11	160	0
Total	5.88	20.92		
Hydro				
KDPH	0.29	0.88	18	0
VTRNA	0.21	0.24	59	0
TILLARI	0.52	2.61	58	0
BHIRA T.R.	0.35	1.35	40	0
SMLHY_PTN	4.60	26.14	216	175
GHATGHAR	0.00	0.00	0	0
Total	5.97	31.22		
Wind				
Total	6.75	44.00	0	0
Total	6.75	44.00		
CPP				
APML(Mus)	70.26	343.30	0	0
JSWEL(Mus)	13.36	64.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.94	132.42	0	0
SWPGPL-Mus	3.16	22.98	0	0
Other(Mus)	38.63	197.05	0	0
Total	152.35	760.65		
SOLAR				
Total	6.52	30.48	0	0
Total	6.52	30.48		
Tata				
Trombay 5	6.86	32.76	441	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	3.84	18.08	229	135
TATA Hydro	5.66	20.53	439	37
Total	16.36	80.72		
AEMIL				
DTPS U-1&2	10.31	48.20	501	291
Total	10.31	48.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.89	746.30	MSPGCL Total	175.36	823.06
			MSPGCL Thml+Gas	163.52	770.91	Koyna 1,2 & 4 Total	4.54	16.81
			MSPGCL Hydro	11.84	52.15	State Total	367.66	1787.11

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5573	267	159	5999	301	5372	0	0	5303	5075	-886	15558	0	15558	1825	303	17686	50.01
2	5409	273	150	5832	264	5373	0	0	5199	5420	-761	15836	0	15836	1689	292	17817	50.03
3	5626	279	160	6065	261	5453	0	0	5030	5390	-829	16064	0	16064	1604	276	17944	49.96
4	6063	273	149	6485	266	5441	0	0	4898	5143	-823	16241	0	16241	1572	271	18084	49.94
5	6156	274	150	6580	298	5621	0	0	4943	5010	-826	16404	0	16404	1580	279	18263	49.99
6	6167	263	160	6590	470	6234	0	0	5044	5503	-908	17570	0	17570	1655	319	19544	50.03
7	6824	326	150	7300	557	6765	0	1	5052	5170	-835	18613	0	18613	1767	345	20725	50.03
8	7136	321	151	7608	622	6860	0	75	5575	5429	-764	19462	0	19462	1967	368	21797	49.98
9	7233	394	161	7788	506	6877	0	334	6023	6106	-922	20304	0	20304	2193	385	22882	49.98
10	7174	959	150	8283	407	6912	0	592	6388	6526	-1147	21197	0	21197	2511	376	24084	49.96
11	7149	1558	158	8865	314	6867	0	832	6217	6513	-1150	21877	0	21877	2733	364	24974	49.97
12	7268	1401	146	8815	208	6811	0	1017	6397	6419	-1195	21711	0	21711	2778	364	24853	49.92
13	7224	897	156	8277	146	6766	0	1002	6583	6641	-1360	21119	0	21119	2705	353	24177	49.97
14	7208	497	143	7848	119	6716	0	924	6568	6637	-1419	20477	0	20477	2557	348	23382	50.01
15	7139	437	145	7721	116	6758	0	841	7132	7188	-1428	20845	0	20845	2517	351	23713	49.95
16	7122	469	144	7735	92	6779	0	550	7078	6821	-1486	20138	0	20138	2583	353	23074	49.99
17	7189	714	156	8059	88	6734	0	291	6334	5912	-1240	19472	0	19472	2487	372	22331	49.92
18	7207	412	143	7762	87	6730	0	59	5871	5686	-1232	18716	0	18716	2564	376	21656	50.01
19	7147	352	145	7644	60	6738	0	2	5910	6036	-1167	18927	0	18927	2580	386	21893	50.03
20	7215	347	157	7719	115	6756	0	3	5585	5462	-1173	18507	0	18507	2504	375	21386	50.02
21	6712	258	147	7117	150	6599	0	0	5362	5199	-1273	17428	0	17428	2364	364	20156	50.00
22	6249	281	146	6676	340	6117	0	0	5683	5010	-1364	16443	0	16443	2213	336	18992	49.99
23	6000	288	147	6435	464	5569	0	0	5602	4797	-1148	15773	0	15773	2076	344	18193	50.00
24	5697	305	159	6161	495	5501	0	0	5271	4800	-960	15684	0	15684	1945	313	17942	49.97
MUs	159.89	11.85	3.63	175.36	6.75	152.35	0.00	6.52	139.05	137.89	-26.30	444.37	0.00	444.37	52.97	8.21	505.55	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 05/Jan/2022

Position as on 6.30 Hrs of 06/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 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	
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	
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	04/01/2022	22:06		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV TBC Outages/Trippings							
POLE-2 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	05/01/2022	23:35	06/01/2022	02:14	EO	1. To attend the hotspot having tempreature > 150 °C & between 100- 150 °C
400 KV MAINBAY Outages/Trippings							
MAIN BAY (404) OF TAPTITANDA CKT - 1 @ EKTUNI	IntraState	05/01/2022	11:35	05/01/2022	17:13	PO	"Daignostic Testing & Routine Maintainence "
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 quadraple 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 ."
NAGOTHANE - DABHOL CKT - 2	IntraState	04/01/2022	09:55	06/01/2022	00:56	HT	fire observed in wavetrap at Dabhol .
400 KV WALUJ (400 KV) - BABHALESHWAR CKT	IntraState	05/01/2022	08:55	05/01/2022	17:58	EO	Opportunity Outage
CHANDRAPUR 2 - WARORA CKT-1	IntraState	05/01/2022	09:22	05/01/2022	20:54	PO	Diagnostic Testing work carried out on Line CVT and Tie CB
AKOLA - KHADKA (BHUSAWAL)	IntraState	05/01/2022	10:14	05/01/2022	17:02	EO	400 KV Khadka-Akola Ckt heavy Sparking occurred on B phase line Isolator at 400kV Khadaka, hence emergency outage required for B ph line isolator corona ring replacement, line isolator jaw replacement work. This circuit ememrgency Hand tripped on Dt 05.01.2021 at 10:14 Hrs with LD permission.
LONIKAND I - KOYNA STAGE-IV	IntraState	05/01/2022	16:10	05/01/2022	20:43	EO	Attending the Hotspot on 29A Bus Isolator - B phase
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	05/01/2022	10:22	05/01/2022	12:59	PO	Replacement of faulty Trip coil (TC-1)
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	04/01/2022	22:57	05/01/2022	01:47		Attending Hot Spot at Loc no. 12 B-PH (PGCIL Side)
JEUR - SOLAPUR PG	InterState	05/01/2022	09:22	05/01/2022	17:20	PO	Outage is required for Quarterly Maintenance

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
PADGHE - TEMGHAR - 2	IntraState	02/01/2022	23:25			HT	conductor replacement work
BOISAR II - BOISAR (PG) CKT - 2	IntraState	04/01/2022	22:54	05/01/2022	01:44	EO	For Attending Red Hot Spot at Loc no. Boisar Gantry R-PH (PGCIL Side)
BABLESHWAR AHAMADNAGAR-II	IntraState	04/01/2022	23:59	05/01/2022	17:30	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
OSMANABAD - PARLY (PG)	IntraState	05/01/2022	08:44	05/01/2022	18:15	PO	LINE maintenance
KAMBA - KOLSHET	IntraState	05/01/2022	09:08	05/01/2022	20:48	PO	1) On dt. 05.01.2022 From 09:00 Hrs to 18:00 Hrs for stringing of new conductor from existing loc no. 113 to new loc no. 113A CTT tower for making Tapping arrangement on 220kV Kamba-Kolshet line. 2) EHV cable will keep on test charging for soak test. 3) 220kV Kamba-Kolshet line is charged with tapping arrangement at Kharbao TSS. 4) Outage for removal of tapping arrangement will be proposed on next outage. 5) Next outage will be proposed for LILO arrangement. 6) In this outage 220KY Kharbhav TSS GIS Substation will not be charged. 7) Caution permit on 100 KV Kharbao-Kolshet line (For safety purpose only).
VITA - HIWARWADI	IntraState	05/01/2022	09:19	05/01/2022	18:15	PO	1. Cold line washing work 2. Restraining of conductor Loc No.150-166
MAHALAXMI - AMONA	IntraState	05/01/2022	09:26	05/01/2022	17:29	PO	routine maintenance
PARANDA-BARSHI	IntraState	05/01/2022	09:30	05/01/2022	21:20	PO	Outage is required for Attending Major SAG TL 133-134-135, Y and B phase
GHATGHAR - BAPGAON	IntraState	05/01/2022	09:39	05/01/2022	18:28	PO	220KV Ghatghar bay for routine diagnostic testing & bay maintenance work.
RANJANGAON-LONIKAND	IntraState	05/01/2022	10:05			PO	1) Half yearly DT and Bay maintenance work. 2) Master trip relay retrofitting under MTAMC project

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
VILE BHAGAD - KANDHALGAON	IntraState	05/01/2022	10:05	05/01/2022	15:15	PO	Carrying out the diagnostic testing work & Bay maintenance work at 220 KV Kandalgaoon S/S
PETH- MUDSHINGI 1 LINE	IntraState	05/01/2022	10:12	05/01/2022	17:13	PO	Quarterly maintenance work
NAGAR BELWANDI CKT 2	IntraState	05/01/2022	10:50	05/01/2022	17:35	EO	Replacement of jumper and attending red hot on C.T
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	05/01/2022	23:07				29D and 29C isolator servicing and alignment
BABLESHWAR AHAMADNAGAR-II	IntraState	05/01/2022	23:07	06/01/2022	05:41	PO	29D and 29C isolator servicing and alignment
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
220/100 KV 100 MVA ICT 2 @ TAMBATI	IntraState	04/01/2022	10:22	05/01/2022	18:15	PO	CB Pole overhauling work by agency
220/132 KV 100 MVA ICT 1 @ SOUTH SOLAPUR	IntraState	05/01/2022	11:15	05/01/2022	17:05	PO	Outages is required Quarterly Maintenance

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