

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jan/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.507	4358.123	1) Gujrat	-7.329	-222.897
2) Hydro	15.095	376.008	2) Madhya Pradesh	4.473	145.601
3) Gas	6.911	155.885	3) Chattisgarh	5.740	186.760
Total MSPGCL	164.513	4890.016	4) Maharashtra	140.733	4136.994
B) 1) APLM	69.044	2102.448	5) Goa (Amona)	-1.737	-44.851
2) JSWEL	14.610	442.221	Total	141.880	4201.607
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.083	663.662
4) RPL(AMT)	28.514	774.557	b) Mumbai Drawl	22.922	718.932
5) SWPGPL	8.198	199.903	c) MSEDCL Bilateral *	62.383	1866.026
6) Other IPP	40.085	1202.281	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.083	663.451
C) 1) TPCL Thermal	4.391	300.440	Include PX	0.000	0.000
2) TPCL Hydro	5.613	116.963	Standby	0.000	0.211
3) TPCL Gas	4.113	25.286	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.683	257.558	1) MSEDCL	449.295	13328.994
D) STATE			2) Mumbai Discoms	46.722	1419.177
1) Thermal	317.032	9637.531	3) Other Discoms	8.302	291.947
(A1+C1+C4+(B1-B6))			TOTAL STATE	504.319	15040.118
2) Hydro (A2+C2)	20.708	492.971			
3) Gas (A3+B7+C3)	11.024	181.171			
4) Wind	4.769	306.974			
6) SOLAR	8.906	219.866			
TOTAL STATE	362.439	10838.513			

* 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 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6319	6266	6379	5199
MSPGCL Hydro	1863	747	508	276
MSPGCL Gas	284	281	295	277
MSPGCL Total Generation	8466	7294	7182	5752
Central Sector Receipt	7372	7432	5305	5117
WIND	90	92	408	156
CPP / IPP Thermal	7211	7096	7148	5691
CPP / IPP Gas	0	0	0	0
SOLAR	1082	1288	0	0
Exchange with Mumbai	-1116	-1150	-955	-750
MSEDCL DEMAND MET	22732	21695	18695	15674
Load Shedding	0	0	0	0
MSEDCL DEMAND	22732	21695	18695	15674
TPCL GENERATION	824	767	820	314
AEML GENERATION	500	491	500	320
MUMBAI DEMAND	2440	2408	2275	1384
OTHER DISCOM DEMAND	373	357	393	292
STATE DEMAND MET	25545	24460	21363	17350
STATE DEMAND	25545	24460	21363	17350
Frequency (Hz)	49.98	50.01	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 06.02 Hrs	49.76 Hz at 09.23 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 31/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	98.83	185	115
Unit 7	0.00	0.00	0	0
Unit 8	13.40	356.45	610	450
Unit 9	13.18	371.65	588	528
Unit 10	13.15	368.60	572	514
Total	43.41	1195.54		
Bhusawal				
Unit 3	3.42	90.26	175	120
Unit 4	0.00	100.73	0	0
Unit 5	3.79	245.91	410	0
Total	7.21	436.90		
Parli				
Unit 6	3.79	118.97	244	118
Unit 7	4.33	124.81	223	137
Unit 8	3.80	123.85	177	143
Total	11.92	367.63		
Chandrapur				
Unit 3	0.00	49.03	0	0
Unit 4	0.00	58.23	0	0
Unit 5	7.04	236.34	310	255
Unit 6	7.30	251.10	325	280
Unit 7	7.14	185.31	325	275
Unit 8	10.27	273.72	456	280
Unit 9	10.24	291.74	455	289
Total	41.98	1345.47		
Paras				
Unit 3	4.78	137.53	252	140
Unit 4	4.63	111.23	241	134
Total	9.41	248.76		
Khaparkheda				
Unit 1	3.32	85.62	150	120
Unit 2	0.00	0.00	0	0
Unit 3	3.82	100.05	198	126
Unit 4	3.85	86.90	188	127
Unit 5	11.14	303.81	500	286
Total	22.13	576.37		
Nasik				
Unit 3	0.00	78.02	0	0
Unit 4	3.51	34.18	182	119
Unit 5	2.93	75.25	139	109
Total	6.43	187.45		
Uran				
All Units	6.91	155.88	309	269
Total	6.91	155.88		
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)	0.07	6.64	31	0
Total	0.07	6.64		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.84	76.47	450	35
Stage 4	2.80	47.99	723	0
Stage 3	1.28	27.81	240	0
Total	6.92	152.27		
Hydro				
KDPH	0.67	10.54	37	18
VTRNA	0.82	19.08	59	0
TILLARI	0.52	16.18	58	0
BHIRA T.R.	0.16	6.58	40	0
SMLHY_PTN	5.38	166.05	242	214
GHATGHAR	0.62	5.30	125	0
Total	8.18	223.74		
Wind				
Total	4.77	306.97	0	0
Total	4.77	306.97		
CPP				
APML(Mus)	69.04	2102.45	0	0
JSWEL(Mus)	14.61	442.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.51	774.56	0	0
SWPGPL-Mus	8.20	199.90	0	0
Other(Mus)	40.08	1202.28	0	0
Total	160.45	4721.41		
SOLAR				
Total	8.91	219.87	0	0
Total	8.91	219.87		
Tata				
Trombay 5	0.00	185.91	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.57	15.04	117	75
Trombay 7B	1.54	10.25	67	55
Trombay 8	4.39	114.53	219	134
TATA Hydro	5.61	116.96	431	0
Total	14.12	442.69		
AEMIL				
DTPS U-1&2	9.68	257.56	501	314
Total	9.68	257.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.51	4358.12	MSPGCL Total	164.51	4890.02
			MSPGCL Thml+Gas	149.42	4514.01	Koyna 1,2 & 4 Total	5.64	124.46
			MSPGCL Hydro	15.10	376.01	State Total	362.44	10838.51

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 31/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	5083	280	286	5649	198	5649	0	0	5265	5254	-834	15609	0	15609	1473	307	17389	50.04
2	5199	276	277	5752	156	5691	0	0	5252	5117	-750	15674	0	15674	1384	292	17350	50.01
3	5311	273	297	5881	180	5808	0	0	5248	4977	-692	15885	0	15885	1328	269	17482	49.99
4	5360	279	289	5928	148	5984	0	0	5224	5095	-652	16228	0	16228	1294	275	17797	49.98
5	5407	275	288	5970	134	6184	0	0	5249	5180	-674	16510	0	16510	1312	284	18106	50.01
6	5579	289	289	6157	104	6548	0	0	5446	5300	-756	17039	0	17039	1415	314	18768	50.00
7	6026	450	289	6765	80	7145	0	3	5270	5451	-710	18404	0	18404	1575	330	20309	50.00
8	6206	966	309	7481	58	7213	0	104	5651	5679	-659	19530	0	19530	1792	346	21668	49.97
9	6273	1425	298	7996	65	7245	0	490	6135	6081	-801	20707	0	20707	2080	369	23156	49.99
10	6281	1747	295	8323	78	7235	0	822	6827	6712	-989	21817	0	21817	2303	364	24484	49.90
11	6319	1863	284	8466	90	7211	0	1082	7307	7372	-1116	22732	0	22732	2440	373	25545	49.98
12	6296	1368	291	7955	80	7139	0	1204	7474	7460	-1127	22355	0	22355	2450	356	25161	50.00
13	6266	747	281	7294	92	7096	0	1288	7816	7432	-1150	21695	0	21695	2408	357	24460	50.01
14	6139	577	269	6985	132	7051	0	1238	7480	7459	-1297	21215	0	21215	2261	353	23829	50.02
15	6223	572	278	7073	153	7091	0	1088	7493	7508	-1379	21173	0	21173	2259	361	23793	49.95
16	6300	454	279	7033	196	7060	0	899	7721	7424	-1363	20863	0	20863	2269	386	23518	49.93
17	6296	420	269	6985	219	7069	0	537	7029	6576	-1220	19789	0	19789	2261	377	22427	49.97
18	6353	405	281	7039	253	7098	0	151	6010	5575	-956	18770	0	18770	2257	390	21417	50.00
19	6098	492	282	6872	365	7072	0	0	5803	5483	-959	18432	0	18432	2288	401	21121	49.95
20	6379	508	295	7182	408	7148	0	0	5336	5305	-955	18695	0	18695	2275	393	21363	49.99
21	6357	371	294	7022	411	7040	0	0	4601	4503	-883	17713	0	17713	2157	380	20250	50.01
22	5951	374	296	6621	341	6550	0	0	5080	4639	-945	16850	0	16850	1990	356	19196	50.01
23	5491	361	298	6150	354	5878	0	0	5320	4966	-1094	15911	0	15911	1800	343	18054	50.00
24	5314	323	297	5934	474	5246	0	0	5206	5332	-961	15699	0	15699	1651	326	17676	50.00
MUs	142.51	15.10	6.91	164.51	4.77	160.45	0.00	8.91	145.24	141.88	-22.92	449.30	0.00	449.30	46.72	8.30	504.32	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 31/Jan/2022

Position as on 6.30 Hrs of 01/Feb/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	Bhusawal Unit 4	500	13/01/2022	00:00		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	28/01/2022	09:26		Continued.	BOILER RECERTIFICATION WORK.	
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	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Chandrapur Unit 4	210	18/01/2022	23:47		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	19/01/2022	00:00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 5	500	29/01/2022	00:00	31/01/2022	10:37	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	29/01/2022	22:19		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	29/01/2022	22:58		Continued.	Gas shortage	
CPP	SWPGL U-4	135	30/01/2022	14:23	31/01/2022	01:46	Transmission End Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 01/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT @ AKOLA 2	IntraState	31/01/2022	11:17	31/01/2022	19:46	PO	Annual Maintenance of ICT & Associated equipment
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 1	InterState	31/01/2022	08:47	31/01/2022	18:44	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work. 400kV SSNNL Ckt-2 A/R switch will be kept on non auto mode.
KOLHAPUR - SOLAPUR (PG) CKT - 2	InterState	31/01/2022	18:46	31/01/2022	23:10	EO	For attending Hot Spot
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	26/01/2022	10:04			EO	To attend 89C B-phase PG isolator Pad clamp Hot Spot
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	28/01/2022	14:31	31/01/2022	11:20	HT	H/T to control L/D of 400KC Talegaon PG -Chakan line.
JAIGAD - KARAD CKT - 2	IntraState	30/01/2022	22:03	31/01/2022	09:35	HT	HAND TRIPPED FOR OVER VOLTAGE
PADGHE - NAGOTHANE CKT - 2	IntraState	30/01/2022	23:45	31/01/2022	08:28	HT	H/T For O/V.
PARLI - KUMBHARGAON(NANDED) CKT - 2	IntraState	31/01/2022	16:12	31/01/2022	19:13	EO	TO ATTEND 02 HOTSPOTS AT, 1. 405 - 89B-B.PH-ISOLATOR IPS TUBE CONNECTION OF 107 DEGREES. 2. 406.89B-B.PH-ISO JAW OF 98.7 DEGREES.
JAIGAD - KARAD CKT - 1	IntraState	31/01/2022	22:49	01/02/2022	09:45	HT	OV
DHULE- - BABLESHWAR - II	IntraState	01/02/2022	09:13			PO	Y phase CT Replacement due to high ten delta values
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT - 5 @ PADGHA	IntraState	31/01/2022	20:16	01/02/2022	02:27	EO	for Replacement of R-Ph 33kV PT due to Oil leakage from stud.
220 KV MAINBAY Outages/Trippings							
TBC @ KHADKI	IntraState	31/01/2022	09:40	31/01/2022	18:02	PO	CB servicing and overhauling work
220 KV LINE Outages/Trippings							
CREEK SIDE BUS @ KALWA	IntraState	26/01/2022	13:33			PO	1) 220 KV Main Bus conductor replacement 2) Earthwire replacement
AAREY - MSETCL BORIVALI CKT - 1	IntraState	28/01/2022	12:38			T	TRIPPED ON DIST.PROTN
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
TALANDGE - MUDSHINGI CKT - 2	IntraState	31/01/2022	09:10	31/01/2022	16:38	PO	1. TC-2 wiring work 2. QM of bay
BUS A @ LONIKAND 2	IntraState	31/01/2022	09:20	31/01/2022	17:50	PO	Replacement work of Jumpers between Main Bus A and Iso 29 A of all 220kV Bays.
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
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
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	28/01/2022	12:10			PO	Dismantling of bus post insulator jump of 220kV Main bus by hot line unit for erection of new bus post isolator
220/100 KV 100 MVA ICT 1 @ TALOJA	IntraState	31/01/2022	10:08	31/01/2022	15:37	PO	Replacement of Y phase LV CT due to high tan delta value

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 01/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 1 @ WADKHAL (GIS)	IntraState	31/01/2022	10:58	31/01/2022	15:26	PO	Replacement of Buchholz Relay and oil to be filled in conservator tank
132 KV LINE Outages/Trippings							
TALEBAZAR - KANKAVLI LINE	IntraState	31/01/2022	16:35	31/01/2022	16:35	PO	Making LILO arrangement for 132KV Kankawali TSS
110 KV LINE Outages/Trippings							
TATA BORIVLI MSETCL BORIVLI 1	IntraState	31/01/2022	09:07	31/01/2022	18:32	PO	BMC END WORK/TREE TRIMMING

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