

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jan/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.587	4215.616	1) Gujrat	-9.050	-215.568
2) Hydro	12.305	360.913	2) Madhya Pradesh	4.632	141.128
3) Gas	6.917	148.974	3) Chattisgarh	6.210	181.020
Total MSPGCL	153.809	4725.503	4) Maharashtra	145.291	3996.261
B) 1) APML	69.452	2033.404	5) Goa (Amona)	-1.344	-43.114
2) JSWEL	14.397	427.611	Total	145.739	4059.727
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.835	643.579
4) RPL(AMT)	26.764	746.043	b) Mumbai Drawl	19.522	696.010
5) SWPGPL	5.440	191.705	c) MSEDCL Bilateral *	63.730	1803.643
6) Other IPP	40.042	1162.196	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.765	643.368
C) 1) TPCL Thermal	4.353	296.049	Include PX	0.000	0.000
2) TPCL Hydro	2.708	111.350	Standby	0.070	0.211
3) TPCL Gas	3.898	21.173	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.068	247.875	1) MSEDCL	440.885	12883.052
D) STATE			2) Mumbai Discoms	40.549	1372.455
1) Thermal	305.103	9320.499	3) Other Discoms	7.924	280.292
(A1+C1+C4+(B1-B6))			TOTAL STATE	489.358	14535.799
2) Hydro (A2+C2)	15.013	472.263			
3) Gas (A3+B7+C3)	10.815	170.147			
4) Wind	3.566	302.205			
6) SOLAR	9.122	210.960			
TOTAL STATE	343.619	10476.074			

* 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 24 Hrs
MSPGCL Thermal	5838	5994	5951	5172
MSPGCL Hydro	1242	546	461	279
MSPGCL Gas	294	289	283	277
MSPGCL Total Generation	7374	6829	6695	5728
Central Sector Receipt	7857	7596	5284	5322
WIND	99	94	258	122
CPP / IPP Thermal	7133	7012	6830	5630
CPP / IPP Gas	0	0	0	0
SOLAR	1091	1275	0	0
Exchange with Mumbai	-873	-981	-681	-940
MSEDCL DEMAND MET	22345	21498	18017	15534
Load Shedding	0	0	0	0
MSEDCL DEMAND	22345	21498	18017	15534
TPCL GENERATION	594	547	826	318
AEML GENERATION	498	440	471	334
MUMBAI DEMAND	1965	1968	1978	1592
OTHER DISCOM DEMAND	336	327	369	328
STATE DEMAND MET	24646	23793	20364	17454
STATE DEMAND	24646	23793	20364	17454
Frequency (Hz)	50.02	50.01	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 18.02 Hrs	49.77 Hz at 21.04 Hrs	50	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 30/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	95.14	180	115
Unit 7	0.00	0.00	0	0
Unit 8	13.37	343.05	592	469
Unit 9	12.55	358.47	565	480
Unit 10	11.83	355.46	515	438
Total	41.57	1152.12		
Bhusawal				
Unit 3	3.45	86.85	170	120
Unit 4	0.00	100.73	0	0
Unit 5	0.00	242.12	0	0
Total	3.45	429.70		
Parli				
Unit 6	4.93	115.18	250	150
Unit 7	4.19	120.48	209	140
Unit 8	3.90	120.05	195	141
Total	13.02	355.71		
Chandrapur				
Unit 3	0.00	49.03	0	0
Unit 4	0.00	58.23	0	0
Unit 5	7.51	229.30	345	295
Unit 6	7.05	243.79	330	245
Unit 7	7.30	178.17	348	285
Unit 8	10.26	263.45	468	360
Unit 9	9.90	281.50	441	380
Total	42.02	1303.49		
Paras				
Unit 3	4.78	132.74	241	140
Unit 4	2.38	106.60	218	0
Total	7.16	239.34		
Khaparkheda				
Unit 1	2.81	82.29	135	100
Unit 2	0.00	0.00	0	0
Unit 3	3.33	96.23	171	111
Unit 4	3.29	83.05	177	110
Unit 5	11.20	292.68	500	321
Total	20.62	554.24		
Nasik				
Unit 3	0.00	78.02	0	0
Unit 4	3.42	30.68	172	120
Unit 5	3.32	72.33	173	114
Total	6.74	181.02		
Uran				
All Units	6.92	148.97	309	268
Total	6.92	148.97		
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)	0.05	6.57	23	0
Total	0.05	6.57		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.67	73.64	420	35
Stage 4	1.48	45.19	390	0
Stage 3	0.94	26.53	160	0
Total	5.09	145.35		
Hydro				
KDPH	0.43	9.86	18	18
VTRNA	0.72	18.26	60	0
TILLARI	0.52	15.66	58	0
BHIRA T.R.	0.20	6.42	40	0
SMLHY_PTN	5.34	160.67	226	216
GHATGHAR	0.00	4.69	0	0
Total	7.22	215.56		
Wind				
Total	3.57	302.20	0	0
Total	3.57	302.20		
CPP				
APML(Mus)	69.45	2033.40	0	0
JSWEL(Mus)	14.40	427.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.76	746.04	0	0
SWPGPL-Mus	5.44	191.70	0	0
Other(Mus)	40.04	1162.20	0	0
Total	156.10	4560.96		
SOLAR				
Total	9.12	210.96	0	0
Total	9.12	210.96		
Tata				
Trombay 5	0.00	185.91	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	12.47	117	72
Trombay 7B	1.49	8.71	68	53
Trombay 8	4.35	110.14	223	132
TATA Hydro	2.71	111.35	436	0
Total	10.96	428.57		
AEMIL				
DTPS U-1&2	10.07	247.88	500	320
Total	10.07	247.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.59	4215.62	MSPGCL Total	153.81	4725.50
			MSPGCL Thml+Gas	141.50	4364.59	Koyna 1,2 & 4 Total	4.15	118.83
			MSPGCL Hydro	12.30	360.91	State Total	343.62	10476.07

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	5077	331	307	5715	184	5757	0	0	5326	5065	-648	15767	0	15767	1481	306	17554	50.00
2	4827	277	298	5402	173	5666	0	0	5282	5384	-536	15801	0	15801	1388	288	17477	49.99
3	5177	281	308	5766	194	5824	0	0	5363	4851	-477	15879	0	15879	1327	279	17485	50.00
4	5172	278	309	5759	158	5705	0	0	5369	5654	-436	16574	0	16574	1287	266	18127	50.00
5	5277	282	299	5858	119	6001	0	0	5278	5343	-666	16363	0	16363	1289	292	17944	49.99
6	5369	311	309	5989	154	6489	0	0	5406	5367	-759	16919	0	16919	1371	321	18611	49.98
7	5845	297	298	6440	189	7052	0	2	5307	5400	-773	17979	0	17979	1439	331	19749	49.98
8	5852	789	299	6940	163	7134	0	113	5648	5567	-680	18875	0	18875	1535	362	20772	50.00
9	5889	1071	309	7269	131	7181	0	506	5879	6308	-613	20440	0	20440	1691	342	22473	50.00
10	5858	1190	287	7335	99	7145	0	908	7137	7060	-762	21437	0	21437	1857	348	23642	49.98
11	5838	1242	294	7374	99	7133	0	1091	7874	7857	-873	22345	0	22345	1965	336	24646	50.02
12	5923	1055	271	7249	86	7054	0	1267	7952	7729	-911	22141	0	22141	1998	333	24472	49.97
13	5994	546	289	6829	94	7012	0	1275	7992	7596	-981	21498	0	21498	1968	327	23793	50.01
14	5881	476	269	6626	97	6963	0	1251	7513	7294	-1113	20793	0	20793	1886	325	23004	50.04
15	5753	469	268	6490	90	6691	0	1134	7330	7404	-1130	20353	0	20353	1803	326	22482	50.05
16	5771	564	278	6613	85	6603	0	874	7235	7297	-1052	20099	0	20099	1765	321	22185	50.02
17	5810	437	269	6516	112	6615	0	529	7083	6476	-946	18951	0	18951	1754	351	21056	50.01
18	5828	377	270	6475	126	6677	0	171	6046	5679	-718	18058	0	18058	1782	352	20192	50.01
19	5881	334	272	6487	147	6754	0	1	5644	5485	-594	17904	0	17904	1903	376	20183	50.02
20	5951	461	283	6695	258	6830	0	0	5496	5284	-681	18017	0	18017	1978	369	20364	49.98
21	5720	328	274	6322	263	6604	0	0	5470	5305	-979	17150	0	17150	1928	365	19443	49.95
22	5382	353	295	6030	229	5918	0	0	5596	5670	-1180	16321	0	16321	1851	346	18518	50.00
23	5340	277	285	5902	194	5657	0	0	5445	5342	-1074	15689	0	15689	1711	332	17732	50.01
24	5172	279	277	5728	122	5630	0	0	5227	5322	-940	15534	0	15534	1592	328	17454	50.02
MUs	134.59	12.30	6.92	153.81	3.57	156.09	0.00	9.12	147.90	145.74	-19.52	440.89	0.00	440.89	40.55	7.92	489.36	50.00

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 30/Jan/2022

Position as on 6.30 Hrs of 31/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	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	Paras Unit 4	250	28/01/2022	04:13	30/01/2022	09:52	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	29/01/2022	00:00		Continued.	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-3	135	30/01/2022	14:23	30/01/2022	18:08	Transmission end Fault	
IPP	SWPGL U-2	135	30/01/2022	14:23	30/01/2022	22:30	Transmission end fault.	
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 30/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 31/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
MAIN BUS - 1 @ AKOLA 2	IntraState	30/01/2022	09:44	30/01/2022	17:22	PO	Annual Maintenance of Bus Equipment
400 KV LINE Outages/Trippings							
KALWA - TALEGAON (PG)	InterState	29/01/2022	23:59	30/01/2022	03:59	EO	To attend hot spot at tower loc. 142 Kalwa side B phase having spot temp. 85 deg centi. by agency, taking line out of service.
DHULE - SSNNL CKT - 1	InterState	31/01/2022	08:47			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.
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			HT	H/T to control L/D of 400KC Talegaon PG -Chakan line.
DHULE- - BABLESHWAR - I	IntraState	29/01/2022	09:35	30/01/2022	03:16	PO	Replacement of faulty Main 1 protection of 400 kV Dhule-Babhaleshwar-1 line
NEW KOYNA-KARAD CKT - 1	IntraState	29/01/2022	11:42	30/01/2022	09:50	EO	Attending oil leakage from CT (R ph.) tank gasket.
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.
400 KV ICT Outages/Trippings							
400/220/20 KV 500MVA ICT - 1 @ KALWA	IntraState	30/01/2022	09:04	30/01/2022	17:22	PO	All diagnostic testing work, Bay maintenance 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
PADGHE - PAL DOMBIVALI	IntraState	30/01/2022	10:24	30/01/2022	18:04	PO	Work of replacement of flashover insulator at loc no 75 & other R&M work
PADGHE - NALASOPARA - VASAI (T)	IntraState	30/01/2022	11:40	30/01/2022	16:24	PO	1) Stringing of 100kV Padghe Vasai line from Loc no 85 to newly constructed M/C tower at Loc no. 8A (Bottom Ckt). 2) Top circuit is 220KV Padghe Nalasopara -Vasai Tap line. Outage is required for safety purpose.
SALSETTE - SAKI -7	IntraState	30/01/2022	13:15	30/01/2022	15:00	PO	FOR CONNECTION OF LA
KAMBA - VASAI	IntraState	30/01/2022	16:34	30/01/2022	19:42	PO	1) Stringing of 100kV Padghe Vasai line from Loc no 85 to newly constructed M/C tower at Loc no. 8A (Bottom Ckt). 2) Top circuit is 220KV Kamba - Vasai line. Outage is required for safety purpose.
ALEPHATA-PARGAON(KATHAPUR)	IntraState	30/01/2022	18:08	30/01/2022	18:57	T	220KV PT BURST AT ALEPHATA S/S
BABLESHWAR- ALEPHATA CKT - 1	IntraState	30/01/2022	18:08	30/01/2022	18:56	T	220KV PT BURST AT ALEPHATA S/S
TALANDGE - MUDSHINGI CKT - 2	IntraState	31/01/2022	09:10			PO	1. TC-2 wiring work 2. QM of bay

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 31/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BUS A @ LONIKAND 2	IntraState	31/01/2022	09:20			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 dismantailing 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
220/132 KV 100 MVA ICT - 1 @ ALEPHATA	IntraState	30/01/2022	18:08	30/01/2022	18:59	T	220KV PT BURST AT ALEPHATA S/S
220/132 KV 100 MVA ICT - 2 @ ALEPHATA	IntraState	30/01/2022	18:08	30/01/2022	19:03	T	220KV PT BURST AT ALEPHATA S/S
110 KV LINE Outages/Trippings							
KALYAN KALWA SALSETTE 2	IntraState	30/01/2022	09:11	30/01/2022	14:47	PO	ATTENDING HOT SPOT
TATA BORIVLI MSETCL BORIVLI 1	IntraState	31/01/2022	09:07			PO	BMC END WORK/TREE TRIMMING

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