

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.648	440.769	1) Gujrat	-9.770	-28.818
2) Hydro	10.269	38.069	2) Madhya Pradesh	7.171	18.805
3) Gas	6.794	20.926	3) Chattisgarh	6.350	17.260
Total MSPGCL	157.711	499.764	4) Maharashtra	134.734	420.152
B) 1) APML	62.982	201.684	5) Goa (Amona)	-1.747	-4.704
2) JSWEL	14.632	42.889	Total	136.738	422.695
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.839	58.920
4) RPL(AMT)	25.159	79.198	b) Mumbai Drawl	20.353	67.593
5) SWPGPL	7.049	23.526	c) MSEDCL Bilateral *	75.874	207.963
6) Other IPP	39.416	119.037	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.839	58.700
C) 1) TPCL Thermal	9.835	19.201	Include PX	0.000	0.000
2) TPCL Hydro	3.465	14.342	Standby	0.000	0.220
3) TPCL Gas	3.919	11.631	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.379	30.332	1) MSEDCL	454.698	1364.080
D) STATE			2) Mumbai Discoms	47.951	143.099
1) Thermal	310.100	956.636	3) Other Discoms	8.222	28.199
(A1+C1+C4+(B1-B6))			TOTAL STATE	510.871	1535.378
2) Hydro	13.734	52.411			
(A2+C2)					
3) Gas	10.713	32.557			
(A3+B7+C3)					
4) Wind	31.751	45.315			
6) SOLAR	7.835	25.764			
TOTAL STATE	374.133	1112.683			

* 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	6629	6191	5953	5117
MSPGCL Hydro	752	518	564	418
MSPGCL Gas	294	281	243	312
MSPGCL Total Generation	7675	6990	6760	5847
Central Sector Receipt	7476	7106	5097	4800
WIND	1025	1143	1748	1388
CPP / IPP Thermal	7007	6708	6358	5251
CPP / IPP Gas	0	0	0	0
SOLAR	935	1111	0	0
Exchange with Mumbai	-1120	-1093	-926	-805
MSEDCL DEMAND MET	22757	21716	18769	16265
Load Shedding	0	0	0	0
MSEDCL DEMAND	22757	21716	18769	16265
TPCL GENERATION	851	823	914	561
AEML GENERATION	497	493	496	368
MUMBAI DEMAND	2468	2409	2336	1734
OTHER DISCOM DEMAND	371	373	364	307
STATE DEMAND MET	25596	24498	21469	18306
STATE DEMAND	25596	24498	21469	18306
Frequency (Hz)	50.03	49.98	50.06	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 06:03 Hrs	49.74 Hz at 15:24 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 03/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.38	10.70	180	115
Unit 7	0.00	0.00	0	0
Unit 8	13.45	41.44	601	502
Unit 9	13.34	40.23	584	512
Unit 10	12.42	38.11	565	495
Total	42.60	130.49		
Bhusawal				
Unit 3	3.04	9.54	160	120
Unit 4	0.00	0.00	0	0
Unit 5	8.38	27.09	450	280
Total	11.42	36.63		
Parli				
Unit 6	3.90	12.83	193	147
Unit 7	3.79	12.52	194	140
Unit 8	3.71	11.50	191	142
Total	11.40	36.85		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.77	23.89	400	279
Unit 6	7.26	22.55	380	272
Unit 7	7.23	22.67	340	267
Unit 8	9.62	30.61	442	294
Unit 9	9.56	30.09	423	300
Total	41.45	129.80		
Paras				
Unit 3	3.93	13.33	238	140
Unit 4	3.90	12.87	222	140
Total	7.83	26.20		
Khaparkheda				
Unit 1	3.10	9.57	155	115
Unit 2	0.00	0.00	0	0
Unit 3	3.58	11.05	198	128
Unit 4	3.28	9.32	180	125
Unit 5	10.17	32.06	500	282
Total	20.13	62.00		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.06	9.84	160	120
Unit 5	2.76	8.95	152	0
Total	5.82	18.79		
Uran				
All Units	6.79	20.93	312	212
Total	6.79	20.93		
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	0.36	34	0
Total	0.06	0.36		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.89	7.26	205	35
Stage 4	0.12	4.46	64	0
Stage 3	0.40	2.34	80	0
Total	2.40	14.05		
Hydro				
KDPH	0.63	2.36	36	18
VTRNA	0.64	2.07	60	0
TILLARI	0.52	1.51	58	0
BHIRA T.R.	0.28	0.90	80	0
SMLHY_PTN	5.26	15.44	272	179
GHATGHAR	0.54	1.74	125	0
Total	7.86	24.02		
Wind				
Total	31.75	45.32	0	0
Total	31.75	45.32		
CPP				
APML(Mus)	62.98	201.68	0	0
JSWEL(Mus)	14.63	42.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.16	79.20	0	0
SWPGPL-Mus	7.05	23.53	0	0
Other(Mus)	39.42	119.04	0	0
Total	149.24	466.33		
SOLAR				
Total	7.84	25.76	0	0
Total	7.84	25.76		
Tata				
Trombay 5	6.41	6.93	368	198
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	7.17	116	63
Trombay 7B	1.50	4.46	67	50
TATA Hydro	3.46	14.34	346	0
Trombay 8	3.42	12.27	220	130
Total	17.22	45.17		
AEML				
DTPS U-1&2	10.38	30.33	501	353
Total	10.38	30.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.65	440.77	MSPGCL Total	157.71	499.76
			MSPGCL Thml+Gas	147.44	461.70	Koyna 1,2 & 4 Total	2.01	11.71
			MSPGCL Hydro	10.27	38.07	State Total	374.13	1112.68

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Feb/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	5378	258	297	5933	1090	5566	0	0	5210	5068	-707	16651	0	16651	1553	299	18503	50.04
2	5294	254	298	5846	934	5524	0	0	5361	5277	-595	16705	0	16705	1453	281	18439	50.04
3	5366	255	297	5918	1055	5580	0	0	5349	5068	-517	16841	0	16841	1382	263	18486	50.02
4	5354	252	308	5914	1040	5618	0	0	5300	5196	-485	17006	0	17006	1358	277	18641	50.00
5	5548	261	308	6117	1044	5638	0	0	5391	5404	-510	17408	0	17408	1379	285	19072	50.00
6	5877	274	299	6450	1067	5948	0	0	5495	5598	-588	18171	0	18171	1478	304	19953	50.06
7	6272	285	308	6865	1073	6663	0	3	5329	5050	-513	18814	0	18814	1635	327	20776	50.05
8	6571	415	309	7295	1008	7063	0	90	5979	5753	-606	20256	0	20256	1828	347	22431	49.99
9	6629	530	299	7458	762	7151	0	412	6404	6507	-797	21129	0	21129	2099	364	23592	50.02
10	6741	717	306	7764	795	7159	0	741	6897	6787	-986	21892	0	21892	2314	368	24574	49.93
11	6629	752	294	7675	1025	7137	0	935	7401	7476	-1120	22757	0	22757	2468	371	25596	50.03
12	6596	582	293	7471	1011	7118	0	1102	7199	6880	-1144	22064	0	22064	2495	374	24933	50.03
13	6191	518	281	6990	1143	6832	0	1111	7058	7106	-1093	21716	0	21716	2409	373	24498	49.98
14	5818	487	281	6586	1311	6254	0	1097	7164	6685	-1120	20455	0	20455	2303	358	23116	49.97
15	5739	447	295	6481	1592	6138	0	944	7225	6989	-1191	20577	0	20577	2296	376	23249	49.95
16	5738	443	285	6466	1874	6138	0	777	6972	6544	-1155	20279	0	20279	2307	365	22951	49.92
17	5795	435	271	6501	2159	6087	0	488	6177	5494	-1030	19318	0	19318	2322	381	22021	49.96
18	5629	463	212	6304	2056	5837	0	135	5416	4968	-883	18036	0	18036	2305	381	20722	50.02
19	5658	617	224	6499	1887	5890	0	0	5206	5465	-939	18410	0	18410	2349	392	21151	50.03
20	5953	564	243	6760	1748	6454	0	0	5220	5097	-926	18769	0	18769	2336	364	21469	50.06
21	5950	322	215	6487	1676	6602	0	0	4277	4083	-857	17626	0	17626	2206	365	20197	50.03
22	5581	294	258	6133	1503	5899	0	0	4868	4701	-891	16984	0	16984	2056	361	19401	50.01
23	5224	426	301	5951	1510	5600	0	0	4987	4742	-895	16568	0	16568	1886	340	18794	49.92
24	5117	418	312	5847	1388	5342	0	0	4902	4800	-805	16265	0	16265	1734	307	18306	50.02
MUs	140.65	10.27	6.79	157.71	31.75	149.24	0.00	7.84	140.79	136.74	-20.35	454.70	0.00	454.70	47.95	8.22	510.87	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 03/Feb/2022

Position as on 6.30 Hrs of 04/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	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	
FORCED OUTAGE								
IPP	SWPGPL 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	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	
MSPGCL	Nasik Unit 5	210	03/02/2022	22:25		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LR Outages/Tripping							
Pole-2 Non base AC filter Z4 (80 MVAR) @ Chandrapur HVDC	IntraState	03/02/2022	16:50			PO	Tan Delta of 245 kV CT which is under Monitoring due to rising trend of Tan delta
400 KV LINE Outages/Tripping							
THAPTI TANDA - WALUJ	IntraState	01/02/2022	13:01			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
DEEPNAGAR - THAPTI TANDA	IntraState	01/02/2022	13:11			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
BABHALESHWAR - PADGHE CKT-1	IntraState	02/02/2022	21:06	03/02/2022	01:58	EO	Replacement of R-Phase Wave Trap due to red hot on clamp and nut bolt replacement of clamps not possible.
MAIN BUS - 2 @ LONIKAND 2	IntraState	03/02/2022	09:25	03/02/2022	16:06	PO	Diagnostic testing and Maintenance.
NEW KOYNA-KARAD CKT - 1	IntraState	03/02/2022	11:34	03/02/2022	19:34	EO	Attending 400KV R Phase CT leakage from tank Gasket
BUS - C @ KHARGHAR	IntraState	04/02/2022	00:23	04/02/2022	02:22	EO	For attending hot spot
400 KV ICT Outages/Tripping							
400/220/20 KV 300 MVA ICT - 1 @ KORADI	IntraState	02/02/2022	09:44	04/02/2022	00:41	PO	For retrofitting of 4 nos. of trip relay under MTAMC project
400/11kV STN-4B @ DEEPNAGAR	IntraState	03/02/2022	12:57			PO	Oil Filtration and other allied works of STN - 4B at 2 x 500MW , BTPS, Deepnagar, MSPGCL
220 KV LINE Outages/Tripping							
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
BOISAR II - BOISAR (PG) CKT - 1	IntraState	02/02/2022	10:47			PO	Replacement of existing 0.4ACSR Zebra Conductor of BSR-PGCIL line no. 01 at loc. No. 07-08,06-07,05-06,04-05,03-04,02-03,01-02, 01-Boisar Gantry
PEDAMBE-KALAMBANI(TSS)	IntraState	03/02/2022	05:58	03/02/2022	12:30	T	TRIPPED ON DIST. PROTN
BORIVALI - TARAPUR	IntraState	03/02/2022	06:52	03/02/2022	12:56	T	TRIPPED ON DIST. PROTN
MUMEWADI -HALKARNI 2 LINE	IntraState	03/02/2022	10:10	03/02/2022	16:49	PO	Dignostic testing and meggering of CB,CT and QM of the bay.
HINJAWADI I- CHINCHWAD	IntraState	03/02/2022	11:03	03/02/2022	19:40	PO	220KV R,Y&B phase CT replacement work & Bus post insulator replacement work
BUS SECTION - 1 @ TROMBAY	IntraState	03/02/2022	11:45	03/02/2022	20:27	PO	Erection of BPI structure after Bus Isolator (B phase) of 220 kv Trombay Kalwa Line.
SAHARA-URSE	IntraState	03/02/2022	11:50	03/02/2022	18:00	HT	LINE H/T TO AVAIL OUTAGE ON 220KV URSE- AMBI-1
URSE - TALEGAON (AMBI) CKT 1	IntraState	03/02/2022	12:37	03/02/2022	17:59	PO	Half Yearly Maintenance & Diagnostic Testing work at Urse & Talegaon (Ambi) end.

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

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BAPGAON - KALWA	IntraState	03/02/2022	15:24	03/02/2022	18:40	PO	For removing the Bunching of 220KV Kalwa-Bapgaon line with 220KV Kalwa-AKP Line at Loc no.406.
BUS - 2 @ TROMBAY	IntraState	04/02/2022	01:12			PO	ATTENDING HOT SPOT
CHAKAN - CHINCHWAD 2	IntraState	04/02/2022	03:29	04/02/2022	04:45	T	Problem with own brkr.
BABLESHWAR -BHENDA	IntraState	04/02/2022	04:18			T	Distance Protection.
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
220/100 KV 100 MVA ICT 2 @ KANDALGAON	IntraState	01/02/2022	11:50			PO	Attending of oil leakage of ICT-2 by M/s Trafocare
220/132 KV 200 MVA PTR NO 3 @ PHURSUNGI	IntraState	03/02/2022	09:10	03/02/2022	18:36	PO	ICT diagnostic testing work and CTR work
220/33kV 100 MVA TF 4 @ AAREY	IntraState	03/02/2022	10:00	03/02/2022	17:51	EO	Attaining low Air Pressure alarm
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	03/02/2022	10:33	03/02/2022	19:09	PO	Y phase bushing replace work.
220/132 KV 100 MVA ICT 1 @ BELWANDI	IntraState	03/02/2022	10:38	03/02/2022	13:46	PO	Diagnostic Testing work of ICT and CTs.
220/100 KV 100 MVA ICT 1 @ KANDALGAON	IntraState	03/02/2022	13:45	03/02/2022	18:35	PO	To Carry Out SFRA & DFR By TCC Panel
220/132 KV 100 MVA ICT 2 @ BELWANDI	IntraState	03/02/2022	13:49	03/02/2022	16:49	PO	Diagnostic Testing work of ICT and CTs.
132 KV LINE Outages/Trippings							
WAGHDARI - AKKALKOT	IntraState	02/02/2022	16:25			PO	An outage is required for Quarterly Maintenance

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