

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Feb/2022 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.988	584.757	1) Gujrat	-9.430	-38.248
2) Hydro	12.130	50.199	2) Madhya Pradesh	6.713	25.518
3) Gas	7.158	28.084	3) Chattisgarh	7.670	24.930
Total MSPGCL	163.276	663.040	4) Maharashtra	142.628	562.780
B) 1) APML	68.875	270.559	5) Goa (Amona)	-1.704	-6.408
2) JSWEL	14.103	56.992	Total	145.877	568.572
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.135	77.055
4) RPL(AMT)	27.937	107.135	b) Mumbai Drawl	20.426	88.019
5) SWPGPL	8.077	31.603	c) MSEDCL Bilateral *	67.507	275.470
6) Other IPP	40.366	159.403	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.135	76.835
C) 1) TPCL Thermal	10.198	29.399	Include PX	0.000	0.000
2) TPCL Hydro	4.128	18.470	Standby	0.000	0.220
3) TPCL Gas	2.898	14.529	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.280	40.612	1) MSEDCL	458.481	1820.861
D) STATE			2) Mumbai Discoms	47.930	191.029
1) Thermal	323.824	1280.460	3) Other Discoms	8.369	38.268
(A1+C1+C4+(B1-B6))			TOTAL STATE	514.780	2050.158
2) Hydro (A2+C2)	16.258	68.669			
3) Gas (A3+B7+C3)	10.056	42.613			
4) Wind	9.810	55.125			
6) SOLAR	8.955	34.719			
TOTAL STATE	368.903	1481.586			

* 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	6488	6399	5911	5452
MSPGCL Hydro	896	485	753	356
MSPGCL Gas	290	288	281	311
MSPGCL Total Generation	7674	7172	6945	6119
Central Sector Receipt	8112	7517	5772	5480
WIND	163	167	183	152
CPP / IPP Thermal	7015	7010	6922	5738
CPP / IPP Gas	0	0	0	0
SOLAR	1084	1241	0	0
Exchange with Mumbai	-1019	-1181	-844	-831
MSEDCL DEMAND MET	22777	21671	18718	16411
Load Shedding	0	0	0	0
MSEDCL DEMAND	22777	21671	18718	16411
TPCL GENERATION	1011	824	943	479
AEML GENERATION	491	466	499	363
MUMBAI DEMAND	2521	2471	2286	1673
OTHER DISCOM DEMAND	373	372	385	335
STATE DEMAND MET	25671	24515	21388	18420
STATE DEMAND	25671	24515	21388	18420
Frequency (Hz)	50.06	50.02	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 16.04 Hrs	49.81 Hz at 21.09 Hrs	50.02	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 04/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.48	14.19	175	115
Unit 7	0.00	0.00	0	0
Unit 8	13.88	55.33	598	540
Unit 9	12.92	53.16	570	498
Unit 10	12.30	50.42	540	456
Total	42.60	173.09		
Bhusawal				
Unit 3	3.19	12.73	150	120
Unit 4	0.00	0.00	0	0
Unit 5	9.10	36.19	450	285
Total	12.29	48.92		
Parli				
Unit 6	4.04	16.87	192	150
Unit 7	3.90	16.41	187	144
Unit 8	3.89	15.39	180	143
Total	11.83	48.68		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.92	31.81	375	285
Unit 6	8.35	30.90	395	276
Unit 7	7.56	30.23	348	294
Unit 8	10.48	41.09	468	288
Unit 9	9.71	39.80	441	285
Total	44.01	173.82		
Paras				
Unit 3	4.73	18.06	246	140
Unit 4	4.44	17.31	226	142
Total	9.17	35.37		
Khaparkheda				
Unit 1	3.33	12.90	150	120
Unit 2	0.00	0.00	0	0
Unit 3	3.98	15.03	194	128
Unit 4	2.86	12.18	163	0
Unit 5	10.58	42.65	500	285
Total	20.76	82.76		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.33	13.17	163	120
Unit 5	0.00	8.95	0	0
Total	3.33	22.13		
Uran				
All Units	7.16	28.08	313	279
Total	7.16	28.08		
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)	0.00	0.36	0	0
Total	0.00	0.36		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.34	9.59	375	35
Stage 4	0.99	5.45	210	0
Stage 3	1.02	3.35	160	0
Total	4.34	18.39		
Hydro				
KDPH	0.43	2.79	18	18
VTRNA	0.78	2.85	60	0
TILLARI	0.52	2.03	58	0
BHIRA T.R.	0.16	1.06	80	0
SMLHY_PTN	5.55	20.99	249	215
GHATGHAR	0.34	2.08	125	0
Total	7.79	31.80		
Wind				
Total	9.81	55.12	0	0
Total	9.81	55.12		
CPP				
APML(Mus)	68.88	270.56	0	0
JSWEL(Mus)	14.10	56.99	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.94	107.14	0	0
SWPGPL-Mus	8.08	31.60	0	0
Other(Mus)	40.37	159.40	0	0
Total	159.36	625.69		
SOLAR				
Total	8.96	34.72	0	0
Total	8.96	34.72		
Tata				
Trombay 5	6.62	13.55	448	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.71	8.88	115	45
Trombay 7B	1.19	5.65	67	38
TATA Hydro	4.13	18.47	427	0
Trombay 8	3.58	15.85	215	130
Total	17.22	62.40		
AEML				
DTPS U-1&2	10.28	40.61	499	346
Total	10.28	40.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.99	584.76	MSPGCL Total	163.28	663.04
			MSPGCL Thml+Gas	151.15	612.84	Koyna 1,2 & 4 Total	3.33	15.04
			MSPGCL Hydro	12.13	50.20	State Total	368.90	1481.59

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5154	322	291	5767	1432	5315	0	0	5297	5225	-723	16728	0	16728	1594	288	18610	50.02
2	5166	342	312	5820	1392	5272	0	0	5254	5171	-599	16770	0	16770	1492	286	18548	50.00
3	5300	303	302	5905	1285	5484	0	0	5199	4993	-516	16866	0	16866	1422	285	18574	50.02
4	5407	292	302	6001	962	5600	0	0	5164	5303	-503	17071	0	17071	1394	292	18758	50.02
5	5680	430	313	6423	753	5808	0	0	5339	5434	-513	17618	0	17618	1401	287	19306	50.03
6	6062	359	312	6733	568	6601	0	0	5428	5181	-583	18179	0	18179	1516	321	20016	50.02
7	6388	373	293	7054	527	7109	0	2	5532	5474	-481	19345	0	19345	1672	340	21357	50.03
8	6453	771	313	7537	360	7185	0	118	6111	6198	-614	20426	0	20426	1880	358	22664	50.02
9	6475	934	293	7702	271	7152	0	464	6735	6319	-906	20619	0	20619	2168	383	23170	50.10
10	6458	1063	301	7822	203	7143	0	818	7298	7172	-1024	21745	0	21745	2396	389	24530	50.04
11	6488	896	290	7674	163	7136	0	1084	7952	8112	-1019	22777	0	22777	2521	373	25671	50.06
12	6487	752	299	7538	195	7152	0	1290	7980	7630	-1092	22344	0	22344	2525	370	25238	50.02
13	6399	485	288	7172	167	7128	0	1241	7828	7517	-1181	21671	0	21671	2471	372	24515	50.02
14	6355	422	298	7075	154	7092	0	1213	7292	6921	-1165	20923	0	20923	2292	367	23582	50.02
15	6258	413	288	6959	133	7096	0	1127	7357	7306	-1169	21099	0	21099	2253	353	23705	50.04
16	6318	470	288	7076	106	7096	0	901	7141	6986	-1174	20616	0	20616	2239	375	23230	50.00
17	6362	394	298	7054	109	7124	0	527	6474	6353	-1021	19782	0	19782	2245	365	22392	50.07
18	6301	380	279	6960	108	7118	0	170	5841	5727	-850	18857	0	18857	2239	376	21472	50.05
19	6197	331	300	6828	147	7106	0	0	5762	5730	-826	18602	0	18602	2275	383	21260	50.05
20	5911	753	281	6945	183	7046	0	0	5854	5772	-844	18718	0	18718	2286	385	21388	50.02
21	5963	408	301	6672	153	7090	0	0	5312	5003	-902	17651	0	17651	2142	365	20158	49.97
22	5527	473	302	6302	127	6657	0	0	5489	5500	-937	17278	0	17278	2002	371	19651	49.94
23	5427	408	303	6138	160	6018	0	0	5601	5370	-953	16384	0	16384	1832	349	18565	49.97
24	5452	356	311	6119	152	5826	0	0	5472	5480	-831	16411	0	16411	1673	335	18420	50.01
MUs	143.99	12.13	7.16	163.28	9.81	159.36	0.00	8.96	148.71	145.88	-20.43	458.48	0.00	458.48	47.93	8.37	514.78	50.02

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 04/Feb/2022

Position as on 6.30 Hrs of 05/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 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	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 5	108	03/02/2022	16:54		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	03/02/2022	22:25	05/02/2022	08:10	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	04/02/2022	18:47		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 05/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY (702) OF ICT-1 & FUTURE BAY @ KORADI 3	IntraState	04/02/2022	09:44	04/02/2022	18:19	PO	Annual Maintenance of Bay Equipments
500 KV LR Outages/Trippings							
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 MAINBAY Outages/Trippings							
SPARE BAY 404	IntraState	04/02/2022	11:36	04/02/2022	17:03		404 CB Diagnostic Testing And Quarterly Maintenance work.
SPARE BAY 401	IntraState	04/02/2022	11:36	04/02/2022	14:51		401 CB Diagnostic Testing, Quarterly maintenance Work.
400 KV LINE Outages/Trippings							
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.
BUS - C @ KHARGHAR	IntraState	04/02/2022	00:23	04/02/2022	02:22	EO	For attending hot spot
DEEPNAGAR - THAPTI TANDA	IntraState	04/02/2022	10:21				Routine maintenance work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	04/02/2022	14:43			HT	H/T TO CONTROL 400KV TALEGAON PG -CHAKAN LINE LOADING.
400 KV ICT Outages/Trippings							
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
400 KV BR Outages/Trippings							
400/220 125MVAr BUS REACTOR @ LAMBOTI	IntraState	04/02/2022	10:45	04/02/2022	14:10	PO	Diagnostic Testing work
80 MVAR BUS REACTOR @ PADGHE	IntraState	04/02/2022	10:53	04/02/2022	18:16	PO	1) Replacement of 29C PG isolator as R-Ph PG closing problem 2) Buchholz relay replacement work along with GCD.
220 KV TBC Outages/Trippings							
BUS SECTIONALISER @ BHAVEGHAR	IntraState	04/02/2022	09:20	04/02/2022	12:50	PO	For taken all Diagnostics test and Routine maintenance Work.
220 KV MAINBAY Outages/Trippings							
TBC @ CHAKAN	IntraState	04/02/2022	10:52	04/02/2022	17:03	PO	Annual Testing
220 KV LINE Outages/Trippings							
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 05/Feb/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 - 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
BUS - 2 @ TROMBAY	IntraState	04/02/2022	01:12	04/02/2022	10:08	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	04/02/2022	10:01	T	Distance Protection.
KALWA - COLOURCHEM	IntraState	04/02/2022	08:24	04/02/2022	19:59	PO	To carry out balance stringing work of R & Y Phase between Loc no.17 & 19 at Lodha Paradise, Thane under ORC work.
SONKHAR - TROMBAY	IntraState	04/02/2022	10:17			PO	To carry out the erection of 4 nos. of new Towers between Loc no. 721 to 724 and stringing of HTLS conductor from Loc no. 721 to 724 (in BSNL & BARC premises) for shifting height raising of 2 nos. of existing D/C Transmission Line of MSETCL, infringing MMRDA Metro 2-B Line Project.
NERUL - SEAWOOD CABLE CKT - 1	IntraState	04/02/2022	10:28	04/02/2022	16:23	PO	Diagnostic and Routine Maintenance work.
LONAND-BOTHE	IntraState	04/02/2022	12:06	04/02/2022	15:24	PO	Relay testing work
BOISAR - VERSOVA	IntraState	04/02/2022	13:09	04/02/2022	14:20	PO	Removal of Foreign material from conductor / insulator / hardware on SS-279
GHODBUNDER - MSETCL BOISAR	IntraState	04/02/2022	13:40			T	TRIPPED ON DIST.PROTN.
BORIVALI - BOISAR II LINE	IntraState	04/02/2022	14:47	04/02/2022	21:11	T	TRIPPED ON DIST.PROTN.
CHEMBUR (AEML) - NERUL (M)	IntraState	04/02/2022	15:46	04/02/2022	19:03	EO	Bunching work at Loc no. 689 to provide option of 2nd source to 220KV Sonkhar S/stn.
TROMBAY - SALSETTE CKT - 1	IntraState	04/02/2022	22:56			PO	METRO-4 WORK
TROMBAY SALSETTE LINE-2	IntraState	04/02/2022	23:07	05/02/2022	06:52	PO	FOR METRO-4 WORK
EKLAHARE (OCR) - PADGHE	IntraState	05/02/2022	06:52			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 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 2 @ KANDALGAON	IntraState	01/02/2022	11:50			PO	Attending of oil leakage of ICT-2 by M/s Trafocare
220/33 KV 50 MVA PTR 1 @ BOISAR-II	IntraState	04/02/2022	09:09	04/02/2022	13:18	PO	Diagnostic testing works
220/22 KV 50 MVA PTR 1	IntraState	04/02/2022	09:20	04/02/2022	18:54	PO	For Attending Transformer Oil leakage by cold welding.& Differential relay replacement work
220/132 KV 200 MVA ICT 1 @ MALEGAON	IntraState	04/02/2022	09:21	04/02/2022	12:09	PO	For diagnostic testing and bay maintenance work
220/110 KV 200 MVA ICT - 1 @ ICHALKARANJI - II	IntraState	04/02/2022	09:30	04/02/2022	16:30	PO	1)Quarterly bay maintenance work 2) Diagnostic testing work
220/33-33 KV 100 MVA PTR 2 @ BOISAR-II	IntraState	04/02/2022	14:02	04/02/2022	19:26	PO	Diagnostic testing works
220 KV BUSBAR Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 05/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GIS BUS - 1 @ WAGHIVALI	IntraState	04/02/2022	12:00			PO	PRESSURE SWITCH ERRECTION
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