

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.437	304.583	1) Gujrat	-0.896	-2.949
2) Hydro	7.793	14.047	2) Madhya Pradesh	8.941	17.883
3) Gas	2.719	5.436	3) Chattisgarh	4.660	10.300
Total MSPGCL	161.949	324.066	4) Maharashtra	174.011	351.788
B) 1) APML	71.937	144.895	5) Goa (Amona)	-1.115	-2.373
2) JSWEL	21.941	42.761	Total	185.601	374.649
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.551	58.761
4) RPL(AMT)	29.627	54.919	b) Mumbai Drawl	31.202	66.847
5) SWPGPL	12.177	24.210	c) MSEDCL Bilateral *	102.577	206.876
6) Other IPP	23.260	47.537	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.551	58.761
C) 1) TPCL Thermal	9.466	18.886	Include PX	0.000	0.000
2) TPCL Hydro	1.951	6.127	Standby	0.000	0.000
3) TPCL Gas	1.985	4.019	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.290	18.306	1) MSEDCL	498.974	995.124
D) STATE			2) Mumbai Discoms	53.894	114.185
1) Thermal	329.135	656.097	3) Other Discoms	9.815	19.735
(A1+C1+C4+(B1-B6))			TOTAL STATE	562.683	1129.044
2) Hydro	9.744	20.174			
(A2+C2)					
3) Gas	4.704	9.455			
(A3+B7+C3)					
4) Wind	16.046	33.629			
6) SOLAR	17.453	35.040			
TOTAL STATE	377.082	754.395			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6738	6164	6156	6562
MSPGCL Hydro	182	136	673	194
MSPGCL Gas	113	114	113	111
MSPGCL Total Generation	7033	6414	6942	6867
Central Sector Receipt	8775	9094	7398	6817
WIND	185	355	1045	956
CPP / IPP Thermal	6586	6554	6782	6781
CPP / IPP Gas	0	0	0	0
SOLAR	2239	2235	0	0
Exchange with Mumbai	-1560	-1563	-1297	-1327
MSEDCL DEMAND MET	22815	22655	20439	19684
Load Shedding	0	0	0	0
MSEDCL DEMAND	22815	22655	20439	19684
TPCL GENERATION	505	509	641	627
AEML GENERATION	330	317	481	400
MUMBAI DEMAND	2395	2389	2419	2354
OTHER DISCOM DEMAND	443	434	431	410
STATE DEMAND MET	25653	25478	23289	22448
STATE DEMAND	25653	25478	23289	22448
Frequency (Hz)	49.97	50.04	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.27 Hz at 13.06 Hrs	49.74 Hz at 21.19 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 02/Apr/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.72	9.63	210	175
Unit 8	13.22	26.84	582	521
Unit 9	0.00	0.00	0	0
Unit 10	13.04	25.93	561	504
Total	30.97	62.41		
Bhusawal				
Unit 3	3.28	6.32	160	110
Unit 4	9.26	18.54	450	280
Unit 5	9.46	18.76	490	280
Total	21.99	43.64		
Parli				
Unit 6	4.56	8.57	250	151
Unit 7	4.29	8.07	245	144
Unit 8	3.30	6.80	155	121
Total	12.16	23.43		
Chandrapur				
Unit 3	3.56	6.98	169	120
Unit 4	3.32	6.57	152	119
Unit 5	8.37	16.19	405	285
Unit 6	8.53	15.01	415	295
Unit 7	8.58	16.58	433	278
Unit 8	7.92	18.60	491	0
Unit 9	10.86	21.66	483	364
Total	51.16	101.59		
Paras				
Unit 3	0.00	2.02	0	0
Unit 4	5.60	11.24	242	217
Total	5.60	13.26		
Khaparkheda				
Unit 1	2.78	5.60	130	105
Unit 2	0.59	3.35	80	0
Unit 3	4.00	7.85	184	128
Unit 4	3.99	7.70	191	128
Unit 5	11.09	21.76	495	390
Total	22.46	46.26		
Nasik				
Unit 3	3.71	7.28	180	110
Unit 4	0.00	0.00	0	0
Unit 5	3.40	6.73	170	116
Total	7.11	14.00		
Uran				
All Units	2.72	5.44	116	110
Total	2.72	5.44		
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)	0.13	0.32	44	0
Total	0.13	0.32		
Koyna				
Stage 1-2	2.22	4.02	475	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.45	0.45	224	0
Stage 3	0.88	1.06	160	0
Total	3.55	5.53		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	1.19	2.37	61	0
TILLARI	0.46	0.93	58	0
BHIRA T.R.	0.22	0.46	77	0
SMLHY_PTN	1.38	2.70	60	56
GHATGHAR	0.00	0.00	0	0
Total	4.11	8.19		
Wind				
Total	16.05	33.63	0	0
Total	16.05	33.63		
CPP				
APML(Mus)	71.94	144.90	0	0
JSWEL(Mus)	21.94	42.76	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.63	54.92	0	0
SWPGPL-Mus	12.18	24.21	0	0
Dhariwal	5.28	11.09	256	165
IEPL	4.74	9.60	199	196
Other(Mus)	13.24	26.85	0	0
Total	158.94	314.32		
SOLAR				
Total	17.45	35.04	0	0
Total	17.45	35.04		
Tata				
Trombay 5	6.34	12.61	268	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.05	2.15	45	43
Trombay 7B	0.94	1.87	39	39
TATA Hydro	1.95	6.13	232	17
Trombay 8	3.13	6.28	132	129
Total	13.40	29.03		
AEML				
DTPS U-1&2	9.29	18.31	481	295
Total	9.29	18.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.44	304.58	MSPGCL Total	161.95	324.07
			MSPGCL Thml+Gas	154.16	310.02	Koyna 1,2 & 4 Total	2.67	4.47
			MSPGCL Hydro	7.79	14.05	State Total	377.08	754.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Apr/2023

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	Transmission Constraint					
1	6971	278	113	7362	820	6470	0	0	6803	7107	-1317	20096	0	0	20096	2316	346	22758	49.96
2	7032	427	112	7571	821	6541	0	0	6713	6980	-1239	20367	0	0	20367	2173	307	22847	49.99
3	7038	302	113	7453	685	6525	0	0	7062	7204	-1150	20427	0	0	20427	2047	290	22764	49.95
4	6972	272	113	7357	669	6452	0	0	7238	7087	-1074	20171	0	0	20171	1977	320	22468	49.93
5	6905	460	114	7479	623	6485	0	0	7379	7641	-941	20952	0	0	20952	1941	335	23228	50.02
6	6860	946	112	7918	550	6571	0	0	7215	7429	-900	21210	0	0	21210	2007	358	23575	49.98
7	6874	710	112	7696	522	6613	0	69	7443	7618	-941	21177	0	0	21177	2028	400	23605	50.03
8	6986	498	114	7598	359	6667	0	544	7523	7486	-1164	21076	0	0	21076	2054	414	23544	50.02
9	6190	315	115	6620	329	6653	0	1221	7632	7718	-1260	20819	0	0	20819	2152	462	23433	50.01
10	6171	234	113	6518	258	6649	0	1789	8250	8209	-1418	21551	0	0	21551	2268	454	24273	50.02
11	6110	196	114	6420	162	6582	0	2121	8962	9006	-1494	22348	0	0	22348	2368	449	25165	50.01
12	6738	182	113	7033	185	6586	0	2239	9087	8775	-1560	22815	0	0	22815	2395	443	25653	49.97
13	6164	136	114	6414	355	6554	0	2235	9006	9094	-1563	22655	0	0	22655	2389	434	25478	50.04
14	5622	135	113	5870	507	6504	0	2174	8707	8616	-1520	21722	0	0	21722	2327	429	24478	50.11
15	5420	135	114	5669	601	6488	0	1987	8874	8851	-1499	21658	0	0	21658	2297	439	24394	49.98
16	5144	140	116	5400	735	6529	0	1622	8794	9055	-1502	21390	0	0	21390	2297	449	24136	49.95
17	5593	230	113	5936	871	6612	0	1015	8249	8345	-1494	20832	0	0	20832	2287	453	23572	49.95
18	6032	305	115	6452	855	6632	0	418	7508	7483	-1475	19910	0	0	19910	2286	455	22651	50.03
19	5722	370	115	6207	1009	6692	0	19	7042	7046	-1329	19181	0	0	19181	2302	463	21946	49.98
20	6156	673	113	6942	1045	6782	0	0	7462	7398	-1297	20439	0	0	20439	2419	431	23289	49.97
21	6223	267	112	6602	1081	6895	0	0	7130	6737	-1266	19641	0	0	19641	2424	408	22473	49.99
22	5683	194	115	5992	1072	6870	0	0	6869	6893	-1230	19156	0	0	19156	2406	441	22003	49.92
23	6269	194	110	6573	976	6809	0	0	6862	7006	-1242	19696	0	0	19696	2380	426	22502	49.98
24	6562	194	111	6867	956	6781	0	0	7115	6817	-1327	19684	0	0	19684	2354	410	22448	49.99
MUs	151.44	7.79	2.72	161.95	16.05	158.94	0.00	17.45	184.93	185.60	-31.20	498.97	0.00	0.00	498.97	53.89	9.81	562.68	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 02/Apr/2023

Position as on 6.30 Hrs of 03/Apr/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 9	80	02/04/2023	05:20	02/04/2023	17:15	Gland clean water pipe line leakage attending work	02/04/2023
MSPGCL	Koyna Unit 10	80	02/04/2023	08:05	02/04/2023	17:15	Gland clean water pipe line leakage attending work	02/04/2023
MSPGCL	Koyna Unit 11	80	02/04/2023	08:40	02/04/2023	17:15	Gland clean water pipe line leakage attending work	02/04/2023
MSPGCL	Koyna Unit 12	80	02/04/2023	12:00	02/04/2023	17:15	Gland clean water pipe line leakage attending work	02/04/2023
MSPGCL	Koyna Unit 2	70	03/04/2023	08:30	03/04/2023	Continued.	Preventive Maintenance Work	03/04/2023
FORCED OUTAGE								
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	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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	01/04/2024
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	07/04/2023
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	01/05/2024
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	31/07/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	30/05/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	01/06/2023
MSPGCL	Nasik Unit 4	210	29/03/2023	04:36		Continued.	Boiler Tube Leakage	03/04/2023
MSPGCL	Uran Unit 6	108	29/03/2023	08:33		Continued.	Zero Schedule	
IPP	RPL(AMT) U-5	270	30/03/2023	05:11	02/04/2023	05:24	w/dn due to Bottom Ash Evacua	
MSPGCL	Koradi Unit 9	660	31/03/2023	23:45		Continued.	Boiler Tube Leakage	05/04/2023
MSPGCL	Paras Unit 3	250	01/04/2023	11:01		Continued.	Boiler Tube Leakage	03/04/2023
MSPGCL	Khaparkheda Unit 2	210	02/04/2023	07:49		Continued.	Boiler Tube Leakage	04/04/2023
MSPGCL	Chandrapur Unit 8	500	02/04/2023	15:07	02/04/2023	20:19	Drum Level High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2023

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
TALANDGE - KOLHAPUR (PG) CKT - 2	InterState	20/03/2023	07:49			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS -1
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	02/04/2023	09:52	02/04/2023	16:32	PO	FTC of 50MVA line shunt reactor of 400KV Chandrapur2 - Nanded ckt.2
PARLI-SOLAPUR (LAMBOTI)	IntraState	02/04/2023	13:52	02/04/2023	14:51	T	Distance Protection
BABHALESHWAR - PADGHE CKT - 2	IntraState	02/04/2023	20:52	03/04/2023	02:49	EO	Permission for Shifting of 400KV BBLR-Padghe Line 2 on TBC on urgent basis due to 254 degree Hotspot observed in Thermovision
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220/33 KV 500MVA ICT - 1 @ KORADI 2	IntraState	30/03/2023	08:44	02/04/2023	19:00	PO	1) Erection of tertiary side IPS tube for RRS project work . 2) Routine Bay maintenance work.
400/220 KV 500 MVA ICT @ ALKUD	IntraState	01/04/2023	19:28	02/04/2023	23:20	EO	To take "Y phase own ICT unit" back into service on the place of Spare ICT unit by RRS and make Spare ICT unit free.
400/220/33 KV 500MVA ICT - 2 @ KORADI 2	IntraState	03/04/2023	08:19			PO	1) Erection of tertiary side IPS tube for RRS project work . 2) Routine Bay maintenance work.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
AEML BORIVALI - TPC BORIVALI LINE	IntraState	20/03/2023	00:14			T	Tripped due to cable joint failure.
RANJANGAON - U TECH SUGAR CKT	IntraState	30/03/2023	13:30			PO	1) Bunching of 220kV Lonikand-Kathapur at 321 opening the jump 2) Bunching of 220kV Utech-Ranjangaon at 303 opening the jump3) after opening jump at 321 & 303 line will be dead. after bunching circuit become 220kV Lonikand2-Ranjangaon & 220kV Kathapur-Utech 4) Tower erection work L.No-16 (inline tower) of 220kV Kathapur-Lonikad line (for making LILO of 220kV Lonikand2-Kathapur line at 220kV Khedcity SS)
PARGAON(KATHAPUR)-LONIKAND	IntraState	30/03/2023	13:43			PO	1) Bunching of 220kV Lonikand-Kathapur at 321 opening the jump 2) Bunching of 220kV Utech-Ranjangaon at 303 opening the jump3) after opening jump at 321 & 303 line will be dead. after bunching circuit become 220kV Lonikand2-Ranjangaon & 220kV Kathapur-Utech 4) Tower erection work L.No-16 (inline tower) of 220kV Kathapur-Lonikad line (for making LILO of 220kV Lonikand2-Kathapur line at 220kV Khedcity SS)
CHIKHALI-JALNA I	IntraState	02/04/2023	04:43	02/04/2023	08:08	HT	To Control Over Load of ICT 3

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2023

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
CHIKHALI-JALNA II	IntraState	02/04/2023	04:43	02/04/2023	11:13	HT	To Control Over Load of ICT 3
KAMBA - VASAI	IntraState	02/04/2023	10:30	02/04/2023	18:35	EO	1) Attending Red Hot Spot at Loc no. 38 (R-Ph Kamba Side Temp- 124°C) by replacing Jumper by Lines S/Dn, Boisar. 2) To attend hot spot of Y-CT P2 point (Temp- 118°C) & B-ph CB lower palm (Temp- 118°C), Bay Isolators overhauling work by agency at 220KV Vasai S/stn
220 KV TADALI - MIDC CHANDRAPUR CKT	IntraState	02/04/2023	13:30	02/04/2023	16:00	T	Distance protection
MUDSHINGI- BELEWADI LINE	IntraState	03/04/2023	09:08			PO	Replacement of insulator string at loc no. 105 Rphase
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 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/22 KV 25 MVA PTR 2 @ NAGOTHANE	IntraState	27/03/2023	09:40			PO	CB replacement work
110 KV LINE Outages/Trippings							
SALSETTE VIKHROLI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.

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