

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.220	314.105	1) Gujrat	-5.568	-10.136
2) Hydro	23.514	48.745	2) Madhya Pradesh	10.427	19.907
3) Gas	6.748	13.471	3) Chattisgarh	5.460	10.430
Total MSPGCL	188.482	376.321	4) Maharashtra	165.008	328.572
B) 1) APLM	75.305	150.812	5) Goa (Amona)	-1.795	-3.712
2) JSWEL	18.475	39.052	Total	173.532	345.061
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.348	59.135
4) RPL(AMT)	29.315	60.050	b) Mumbai Drawl	29.358	62.751
5) SWPGPL	8.890	15.401	c) MSEDCL Bilateral *	74.187	144.887
6) Other IPP	37.054	73.550	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.348	59.135
C) 1) TPCL Thermal	14.824	30.101	Include PX	0.000	0.000
2) TPCL Hydro	1.178	4.435	Standby	0.000	0.000
3) TPCL Gas	2.413	4.867	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.796	22.105	1) MSEDCL	517.771	1034.680
D) STATE			2) Mumbai Discoms	59.569	124.259
1) Thermal	353.879	705.176	3) Other Discoms	8.747	17.763
(A1+C1+C4+(B1-B6))			TOTAL STATE	586.087	1176.702
2) Hydro	24.692	53.180			
(A2+C2)					
3) Gas	9.161	18.338			
(A3+B7+C3)					
4) Wind	15.855	36.850			
6) SOLAR	8.968	18.097			
TOTAL STATE	412.555	831.641			

* 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 23 Hrs
MSPGCL Thermal	6712	6685	6670	6471
MSPGCL Hydro	457	425	944	1015
MSPGCL Gas	279	278	281	271
MSPGCL Total Generation	7448	7388	7895	7757
Central Sector Receipt	8784	8941	6253	6244
WIND	445	308	704	817
CPP / IPP Thermal	6986	6916	6952	6928
CPP / IPP Gas	0	0	0	0
SOLAR	1196	1220	0	0
Exchange with Mumbai	-1462	-1446	-1180	-1182
MSEDCL DEMAND MET	23094	23044	20344	20302
Load Shedding	0	0	0	0
MSEDCL DEMAND	23094	23044	20344	20302
TPCL GENERATION	796	784	977	871
AEML GENERATION	496	499	501	471
MUMBAI DEMAND	2754	2729	2658	2524
OTHER DISCOM DEMAND	413	395	389	371
STATE DEMAND MET	26261	26168	23391	23197
STATE DEMAND	26261	26168	23391	23197
Frequency (Hz)	50.02	49.99	49.94	49.84

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 18.02 Hrs	49.65 Hz at 22.10 Hrs	49.98	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/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.13	3.71	128	0
Unit 7	0.00	0.00	0	0
Unit 8	13.49	27.11	606	366
Unit 9	13.40	26.42	590	528
Unit 10	9.71	19.80	490	351
Total	36.73	77.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.44	20.86	465	395
Unit 5	10.26	20.87	465	400
Total	20.70	41.73		
Parli				
Unit 6	5.19	10.54	236	175
Unit 7	3.03	3.03	220	0
Unit 8	3.47	7.02	154	136
Total	11.69	20.59		
Chandrapur				
Unit 3	4.51	8.93	192	172
Unit 4	4.03	8.07	172	155
Unit 5	8.26	16.78	370	230
Unit 6	0.00	0.95	0	0
Unit 7	7.22	15.40	341	280
Unit 8	9.82	19.50	437	394
Unit 9	9.95	20.30	441	369
Total	43.78	89.92		
Paras				
Unit 3	5.77	11.38	255	230
Unit 4	5.49	10.67	238	214
Total	11.26	22.05		
Khaparkheda				
Unit 1	3.23	6.12	155	110
Unit 2	3.34	6.36	160	115
Unit 3	3.99	7.57	195	123
Unit 4	4.02	7.40	190	135
Unit 5	11.31	22.59	480	450
Total	25.89	50.04		
Nasik				
Unit 3	4.06	4.45	188	135
Unit 4	4.11	8.29	188	126
Unit 5	0.00	0.00	0	0
Total	8.17	12.74		
Uran				
All Units	6.75	13.47	294	268
Total	6.75	13.47		
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)	0.22	0.31	45	0
Total	0.22	0.31		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.64	9.00	530	35
Stage 4	8.43	18.23	1000	0
Stage 3	2.56	5.66	320	0
Total	15.63	32.89		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	0.47	1.13	60	0
TILLARI	0.52	1.04	58	0
BHIRA T.R.	0.13	0.40	67	0
SMLHY_PTN	5.68	11.25	259	218
GHATGHAR	0.00	0.00	0	0
Total	7.67	15.55		
Wind				
Total	15.86	36.85	0	0
Total	15.86	36.85		
CPP				
APML(Mus)	75.30	150.81	0	0
JSWEL(Mus)	18.48	39.05	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.32	60.05	0	0
SWPGPL-Mus	8.89	15.40	0	0
Other(Mus)	37.05	73.55	0	0
Total	169.04	338.86		
SOLAR				
Total	8.97	18.10	0	0
Total	8.97	18.10		
Tata				
Trombay 5	10.25	20.91	482	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	2.70	70	50
Trombay 7B	1.08	2.16	53	41
TATA Hydro	1.18	4.44	188	0
Trombay 8	4.57	9.19	235	130
Total	18.42	39.40		
AEML				
DTPS U-1&2	11.80	22.10	501	450
Total	11.80	22.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.22	314.10	MSPGCL Total	188.48	376.32
			MSPGCL Thml+Gas	164.97	327.58	Koyna 1,2 & 4 Total	13.07	27.23
			MSPGCL Hydro	23.51	48.74	State Total	412.56	831.64

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Apr/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	6591	1618	283	8492	999	7193	0	0	6565	6661	-1185	21833	0	21833	2627	327	24787	50.00
2	6436	1941	293	8670	1067	7154	0	0	6520	6586	-1054	22113	0	22113	2456	310	24879	50.01
3	6396	1620	283	8299	1206	7072	0	0	6718	6806	-939	22152	0	22152	2267	292	24711	50.00
4	6383	1359	284	8026	1080	7130	0	0	6962	6654	-866	21734	0	21734	2136	290	24160	50.01
5	6385	1467	293	8145	907	7175	0	0	7064	7291	-1012	22209	0	22209	2066	297	24572	49.99
6	6491	1935	284	8710	759	7170	0	0	7040	7028	-1036	22309	0	22309	2107	322	24738	49.96
7	6595	1437	294	8326	588	7338	0	21	6515	6471	-1100	21301	438	21739	2122	343	24204	49.98
8	6756	1068	294	8118	400	7221	0	250	6739	6731	-1114	21247	0	21247	2166	359	23772	50.01
9	6566	593	283	7442	252	6926	0	594	7578	7283	-1238	20880	0	20880	2288	379	23547	50.02
10	6569	727	291	7587	345	6841	0	884	7538	7785	-1311	21740	0	21740	2487	391	24618	49.98
11	6701	607	270	7578	508	7115	0	1110	8134	8197	-1391	22720	0	22720	2666	397	25783	50.01
12	6712	457	279	7448	445	7096	0	1196	9047	8784	-1462	23094	0	23094	2754	413	26261	50.02
13	6685	425	278	7388	308	7028	0	1220	9121	8941	-1446	23044	0	23044	2729	395	26168	49.99
14	6642	450	268	7360	308	6943	0	1153	8745	8647	-1425	22602	0	22602	2652	384	25638	50.03
15	6743	750	268	7761	434	7096	0	1043	8525	8518	-1455	23015	0	23015	2675	382	26072	50.01
16	6678	828	268	7774	534	6961	0	786	8805	8478	-1481	22649	0	22649	2697	403	25749	50.00
17	6567	752	269	7588	616	6754	0	511	8340	7886	-1403	21546	0	21546	2645	406	24597	49.99
18	6639	607	270	7516	541	6831	0	184	7318	6966	-1270	20373	0	20373	2552	395	23320	49.98
19	6693	371	280	7344	461	6931	0	16	6531	6336	-1150	19552	0	19552	2566	386	22504	49.94
20	6670	944	281	7895	704	7061	0	0	6333	6253	-1180	20344	0	20344	2658	389	23391	49.94
21	6746	379	281	7406	974	6934	0	0	6463	6225	-1220	19925	0	19925	2626	394	22945	50.00
22	6471	495	291	7257	911	6916	0	0	6234	6311	-1255	19760	0	19760	2566	380	22706	49.95
23	6471	1015	271	7757	817	7037	0	0	6372	6244	-1182	20302	0	20302	2524	371	23197	49.84
24	6634	1669	292	8595	691	7116	0	0	6406	6450	-1183	21329	0	21329	2537	340	24206	49.89
MUs	158.22	23.51	6.75	188.48	15.85	169.04	0.00	8.97	175.61	173.53	-29.36	517.77	0.44	518.21	59.57	8.75	586.53	49.98

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/2022

Position as on 6.30 Hrs of 03/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	02/04/2022	00:59		Continued.	condenser vaccum work and esp repairing work.	
MSPGCL	Koyna Unit 1	70	02/04/2022	11:05	02/04/2022	17:10	MAINTENANCE WORK	02/04/2022
MSPGCL	Koyna Unit 3	70	03/04/2022	07:30	03/04/2022	12:45	Maintenance work	03/04/2022
MSPGCL	Koyna Unit 4	70	03/04/2022	13:10		Continued.	Maintenance work	03/04/2022
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)	
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.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Ghatghar Unit-2	125	11/03/2022	01:25		Continued.	TRIPPED ON SFC HEAVY FAULT WHILE TAKING ON PUMPING MODE.(PUMPING TRIAL CARRIED OUT SUCCESSFULLY FROM 20:35HRS TO 22:35HRS DT.10/03/22)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 3	210	20/03/2022	07:00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40		Continued.	Withdrawn	
MSPGCL	Parli Unit 7	250	30/03/2022	13:30	02/04/2022	06:04	Furnace Pressure High	
MSPGCL	Chandrapur Unit 6	500	01/04/2022	02:35	03/04/2022	19:55	Turbine vibration	
MSPGCL	Uran Unit B0	120	01/04/2022	19:02		Continued.	Filter Replacement work	
MSPGCL	Uran Unit 8	108	01/04/2022	19:21		Continued.	Filter Replacement work.	
IPP	RPL(AMT) U-4	270	02/04/2022	15:30		Continued.	Bottom ash problem	
MSPGCL	Koyna Unit 2	70	02/04/2022	21:15	03/04/2022	02:30	Preventive Maintenance Work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2022

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							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
CHANDRAPUR - KHAPERKHEDA	IntraState	01/04/2022	15:18	02/04/2022	00:20	T	tripped on dist prot
BABHALESHWAR - RPL(NSK) CKT - 1	IntraState	02/04/2022	12:00			T	TRIPPED ON DIST. PROTN
LONIKAND 2 - KARJAT CKT - 1	IntraState	02/04/2022	13:58	02/04/2022	22:11	T	TRIPPED ON DIST PROTN
400 KV ICT Outages/Trippings							
400/220KV 105 MVA SPARE ICT @ KARAD	IntraState	23/03/2022	10:14			EO	Spare ICT -1 will be taken into service through RRS in place of ICT-I R ph unit due to rising trend of various gases in ICT-I R ph unit
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
BIDRI - SAWANTWADI	IntraState	31/03/2022	09:15	02/04/2022	19:36	T	TRIPPED ON DIST PROTN.
GOREGAON - AAREY CKT - 1	IntraState	31/03/2022	10:50			PO	Under MMRC Line Diversion scheme for Metro-3 project, 220kV Outdoor termination at 220kV AEML Aarey and
AEML BORIVALI - TPC BORIVALI LINE	IntraState	31/03/2022	11:18			PO	For shifting on 220 KV NEW GIS
SALSETTE BORIVLI - 1	IntraState	31/03/2022	11:44			PO	for shifting on NEW GIS
TROMBAY MSETCL TIE - 2	IntraState	01/04/2022	23:44	02/04/2022	02:55	EO	for repalcement of LA WITH HIGH LCM VALUES
TROMBAY MSETCL TIE - 2	IntraState	01/04/2022	23:44	02/04/2022	02:55	PO	FOR FAULTY LA REPLACEMENT
TROMBAY - MULUND	IntraState	02/04/2022	08:58			PO	For replacement of existing conductor by HTLS conductor in BARC area.
KADEGAON-MIRAJ	IntraState	02/04/2022	10:21	02/04/2022	18:18	PO	Tower Painting work
EKLAHARE (GCR) - GHATGHAR	IntraState	02/04/2022	12:29			PO	Samruddhi Highway Monopole work, 13 No.s (4 In line) All cut points , 4.28 km Stretch , Erection ,Stringing of new conductor and de stringing of old earth wire and conductor.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	02/04/2022	12:51			PO	Samruddhi Highway Monopole work, 13 No.s (4 In line) All cut points , 4.28 km Stretch , Erection ,Stringing of new conductor and de stringing of old earth wire and conductor.
GOREGAON - VERSOVA CKT - 1	IntraState	02/04/2022	17:30			EO	Attending of DC earth fault observed in trip circuit-1 of the line.
HINJEWADI 2 - PEGASUS	IntraState	02/04/2022	23:29	03/04/2022	02:42	EO	Jumper connections from Cable OET to LA at Hinjewadi Phase II substation. Pre-commissioning tests and charging cable on no-load followed by soak test.
BUS SECTION BREAKER	IntraState	03/04/2022	14:55	03/04/2022	15:14	EO	for raising SF6 gas pressure in 220KV bus section -3 breaker as gas pressure is on the verge of alarm
KARAD - WATHAR	IntraState	03/04/2022	18:51	03/04/2022	19:35	T	A/R successful at KARAD END
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.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 02/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 03/Apr/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 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Differential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/22 KV 50 MVA PTR 1 @ PADGHE	IntraState	25/03/2022	11:32			PO	1.Retrofitting of 86M Relay, BO/BI LVCT/PT connection to BCU under MTAMC work. 2.Arresting oil leakage from Top cover of Body by replacing all gaskets at site by opening /dismantling of accessories & installation of DM of 50MVA BHEL make Tf. 3.After complete work oil filtration & vacuum cycle will be done by purging/injecting N2 gas .
220 / 110 / 33KV 315 MVA ICT 6 @ CARNAC	IntraState	03/04/2022	11:00			PO	FOR SHIFTING ON NEW 110 KV GIS
110 KV LINE Outages/Tripping							
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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