

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Apr/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.916	1964.166	1) Gujrat	-3.305	-52.915
2) Hydro	38.259	437.906	2) Madhya Pradesh	8.930	121.746
3) Gas	6.962	76.570	3) Chattisgarh	3.590	57.640
Total MSPGCL	206.137	2478.642	4) Maharashtra	160.446	1951.343
B) 1) APML	76.422	906.798	5) Goa (Amona)	-1.659	-20.692
2) JSWEL	20.727	221.057	Total	168.002	2057.122
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.263	351.857
4) RPL(AMT)	31.574	366.140	b) Mumbai Drawl	32.264	388.024
5) SWPGPL	9.391	109.033	c) MSEDCL Bilateral *	57.508	816.486
6) Other IPP	33.313	416.088	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.231	351.781
C) 1) TPCL Thermal	16.286	188.016	Include PX	0.000	0.000
2) TPCL Hydro	4.592	42.069	Standby	0.033	0.077
3) TPCL Gas	4.296	38.352	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.938	139.260	1) MSEDCL	519.643	6318.393
D) STATE			2) Mumbai Discoms	69.379	795.727
1) Thermal	360.567	4310.558	3) Other Discoms	9.171	107.919
(A1+C1+C4+(B1-B6))			TOTAL STATE	598.193	7222.039
2) Hydro (A2+C2)	42.851	479.975			
3) Gas (A3+B7+C3)	11.258	114.922			
4) Wind	7.775	153.378			
6) SOLAR	7.737	106.078			
TOTAL STATE	430.188	5164.911			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6838	6762	6605	6575
MSPGCL Hydro	2103	1504	1584	1129
MSPGCL Gas	290	330	289	283
MSPGCL Total Generation	9231	8596	8478	7987
Central Sector Receipt	8935	9103	6504	6342
WIND	163	203	324	443
CPP / IPP Thermal	6788	6886	7111	7122
CPP / IPP Gas	0	0	0	0
SOLAR	1074	886	0	0
Exchange with Mumbai	-1818	-1898	-1293	-1318
MSEDCL DEMAND MET	24080	23494	20840	20351
Load Shedding	0	1315	874	336
MSEDCL DEMAND	24080	24809	21714	20687
TPCL GENERATION	1014	1013	1261	1139
AEML GENERATION	491	476	502	501
MUMBAI DEMAND	3323	3387	3056	2958
OTHER DISCOM DEMAND	423	415	417	355
STATE DEMAND MET	27826	27296	24313	23664
STATE DEMAND	27826	28611	25187	24000
Frequency (Hz)	49.89	49.96	49.78	49.83

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 13:02 Hrs	49.55 Hz at 19:22 Hrs	49.9	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 12/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.45	43.03	195	165
Unit 7	0.00	0.00	0	0
Unit 8	13.32	163.29	599	464
Unit 9	14.34	164.59	602	571
Unit 10	0.00	60.94	0	0
Total	32.11	431.85		
Bhusawal				
Unit 3	3.51	18.27	165	120
Unit 4	8.69	109.22	375	350
Unit 5	8.71	113.58	380	350
Total	20.91	241.08		
Parli				
Unit 6	4.35	46.31	195	173
Unit 7	3.73	46.92	180	108
Unit 8	3.29	40.87	155	129
Total	11.37	134.10		
Chandrapur				
Unit 3	4.52	53.63	191	180
Unit 4	3.86	48.46	177	65
Unit 5	7.36	103.84	321	295
Unit 6	6.97	78.46	311	261
Unit 7	8.64	106.01	375	319
Unit 8	10.69	125.87	460	435
Unit 9	10.16	121.84	434	409
Total	52.20	638.12		
Paras				
Unit 3	5.27	63.96	236	157
Unit 4	5.11	60.19	228	198
Total	10.38	124.15		
Khaparkheda				
Unit 1	3.22	38.44	150	115
Unit 2	3.49	39.86	155	125
Unit 3	3.94	47.24	191	129
Unit 4	3.70	46.58	169	120
Unit 5	11.10	129.52	475	430
Total	25.46	301.64		
Nasik				
Unit 3	4.29	44.41	195	157
Unit 4	4.19	48.81	189	147
Unit 5	0.00	0.00	0	0
Total	8.48	93.22		
Uran				
All Units	6.96	76.57	342	268
Total	6.96	76.57		
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	1.65	27	0
Total	0.13	1.65		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.20	88.64	540	40
Stage 4	17.72	194.90	1005	135
Stage 3	5.30	60.70	312	138
Total	30.23	344.23		
Hydro				
KDPH	0.86	10.30	36	36
VTRNA	0.74	8.70	60	0
TILLARI	0.35	5.36	58	0
BHIRA T.R.	0.24	2.02	77	0
SMLHY_PTN	5.36	65.01	241	215
GHATGHAR	0.35	0.64	125	0
Total	7.89	92.02		
Wind				
Total	7.78	153.38	0	0
Total	7.78	153.38		
CPP				
APML(Mus)	76.42	906.80	0	0
JSWEL(Mus)	20.73	221.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.57	366.14	0	0
SWPGPL-Mus	9.39	109.03	0	0
Other(Mus)	33.31	416.09	0	0
Total	171.43	2019.12		
SOLAR				
Total	7.74	106.08	0	0
Total	7.74	106.08		
Tata				
Trombay 5	10.88	126.58	471	414
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	22.84	115	112
Trombay 7B	1.58	15.51	67	65
TATA Hydro	4.59	42.07	381	17
Trombay 8	5.41	61.44	242	183
Total	25.17	268.44		
AEML				
DTPS U-1&2	11.94	139.26	502	475
Total	11.94	139.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.92	1964.17	MSPGCL Total	206.14	2478.64
			MSPGCL Thml+Gas	167.88	2040.74	Koyna 1,2 & 4 Total	24.93	283.53
			MSPGCL Hydro	38.26	437.91	State Total	430.19	5164.91

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6689	1729	272	8690	577	7216	0	0	6258	6280	-1205	21203	214	21417	2756	355	24528	49.86
2	6693	1713	282	8688	675	7203	0	0	6121	6143	-1020	21372	99	21471	2547	317	24335	49.96
3	6681	2002	283	8966	558	7179	0	0	5844	5853	-919	21328	148	21476	2383	309	24168	49.92
4	6700	2070	292	9062	450	7218	0	0	5772	5632	-820	21252	326	21578	2258	290	24126	49.84
5	6726	2062	282	9070	446	7237	0	0	5708	5637	-762	21320	575	21895	2208	308	24411	49.81
6	6755	2091	282	9128	400	7191	0	0	5771	6086	-836	21631	1084	22715	2283	338	25336	49.78
7	6737	1273	284	8294	355	7210	0	32	5905	5733	-968	20293	1108	21401	2331	363	24095	49.98
8	6753	1686	292	8731	333	7188	0	204	6124	6228	-1017	21271	0	21271	2435	396	24102	49.97
9	6772	1324	292	8388	212	7142	0	493	6766	7099	-1237	21680	0	21680	2704	417	24801	49.98
10	6779	1500	288	8567	178	7119	0	762	7463	7888	-1566	22536	0	22536	3003	412	25951	49.92
11	6764	1853	278	8895	147	7098	0	972	8198	8480	-1779	23382	0	23382	3236	431	27049	49.97
12	6838	2103	290	9231	163	6918	0	1074	8684	8935	-1818	24080	0	24080	3323	423	27826	49.89
13	6803	1748	342	8893	121	6867	0	1082	9041	9320	-1896	23982	0	23982	3347	405	27734	50.00
14	6766	1761	324	8851	141	6867	0	1041	8771	9450	-1876	24082	338	24420	3297	392	28109	49.97
15	6762	1504	330	8596	203	7019	0	886	8278	9103	-1898	23494	1315	24809	3387	415	28611	49.96
16	6779	1199	286	8264	265	7109	0	641	8132	8003	-1850	22014	2357	24371	3428	418	28217	49.98
17	6676	748	307	7731	254	7139	0	380	7381	7067	-1679	20483	2107	22590	3334	409	26333	49.83
18	6519	1028	280	7827	291	7192	0	158	6744	7122	-1435	20737	1769	22506	3200	418	26124	49.89
19	6584	1048	268	7900	322	7196	0	12	6233	6460	-1293	20183	840	21023	3049	414	24486	49.82
20	6605	1584	289	8478	324	7244	0	0	6126	6504	-1293	20840	874	21714	3056	417	25187	49.78
21	6662	1671	282	8615	332	7191	0	0	6035	6199	-1260	20673	718	21391	2982	404	24777	49.92
22	6668	1802	271	8741	258	7224	0	0	6003	6631	-1235	21225	452	21677	2937	394	25008	49.80
23	6630	1632	283	8545	327	7208	0	0	6128	5806	-1284	20232	726	20958	2934	370	24262	49.86
24	6575	1129	283	7987	443	7252	0	0	6266	6342	-1318	20351	336	20687	2958	355	24000	49.83
MUs	160.92	38.26	6.96	206.14	7.78	171.43	0.00	7.74	163.75	168.00	-32.26	519.64	15.39	535.03	69.38	9.17	613.58	49.90

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 12/Apr/2022

Position as on 6.30 Hrs of 13/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	12/04/2022	06:05	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)	12/04/2022
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40		Continued.	Withdrawn	
MSPGCL	Uran Unit B0	120	01/04/2022	19:02	12/04/2022	16:29	Filter Replacement work(Converted on gas shortage from 00:00 hrs of dt.03.04.2022)	
MSPGCL	Uran Unit 8	108	01/04/2022	19:21	12/04/2022	09:35	Filter Replacement work.(Converted on gas shortage from 00:00 hrs of dt.03.04.2022)	
MSPGCL	Koradi Unit-10	660	07/04/2022	08:08		Continued.	Condenser Cleaning work.	
MSPGCL	Uran Unit 6	108	12/04/2022	17:29	13/04/2022	13:57	Gas shortage	
MSPGCL	Uran Unit 8	108	13/04/2022	13:49		Continued.	Bearing vibration high	
MSPGCL	Uran Unit B0	120	13/04/2022	13:49		Continued.	Bearing vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 13/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY-402 OF GT-10 @ KORADI-2	IntraState	13/04/2022	10:40	13/04/2022	14:58	PO	Diagnostic testing of CT & CB at bay 402
400 KV MAINBAY Outages/Trippings							
MAIN BAY (419) OF FUTURE CKT - 1 @ WARORA	IntraState	13/04/2022	09:04	13/04/2022	13:50	PO	Routine maintenance and DCRM/CRM/CB Timings Testing works and isolater maintenance work.
400 KV LINE Outages/Trippings							
400 KV AKOLA - AURANGABAD(PG) CKT -1	InterState	12/04/2022	19:52	12/04/2022	22:37	HT	EMERGENCY OUTAGE AVAILED AT PG END FOR ATTENDING HOT SPOT
DHULE - SSNNL CKT - 2	InterState	13/04/2022	07:54	13/04/2022	15:34	T	Tripped on DP
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
NAGOTHANE - DABHOL CKT - 1	IntraState	12/04/2022	14:36	12/04/2022	19:55	PO	Cold washing work
PARLI - KARJAT CKT - 2	IntraState	12/04/2022	18:15	12/04/2022	22:43	T	Distance protection
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
167 MVA SPARE ICT @ TALANDGE	IntraState	09/04/2022	13:25			PO	Isolator, BPI erection for Rapid Restoration scheme at 400 KV Talandage S/stn.
400/220KV 315 MVA ICT - 1 @ NEW KOYNA	IntraState	12/04/2022	08:02	12/04/2022	16:04	PO	Diagnostic testing & Relay testing work & Routine maint. Work
400 KV BR Outages/Trippings							
125 MVAr BUS REACTOR @ TALANDGE	IntraState	13/04/2022	09:46			PO	1. MOG of conservator tank replacement work. 2. QM Work 3. Bushing & Winding C & Tan delta testing work
220 KV TBC Outages/Trippings							
BUS COUPLER @ NAGOTHANE	IntraState	13/04/2022	11:42			PO	CT tan delta testing
220 KV LINE Outages/Trippings							
PARLI (OLD GCR) - PARLY (PG) CKT 1	InterState	12/04/2022	18:36	13/04/2022	06:40	HT	H/T DUE TO HIGH O/D AT LOW FREQUENCY.
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
MUMEWADI -HALKARNI 1 LINE	IntraState	11/04/2022	09:48	12/04/2022	17:24	PO	For Overhauling of 245 KV CGL make Circuit Breaker & maintenance work.
PADGHE - JINDAL	IntraState	11/04/2022	23:15	12/04/2022	00:49	EO	1) For replacement of faulty Power Supply module of Backup Relay.
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 1	IntraState	12/04/2022	05:38	12/04/2022	06:15	HT	H/T FROM SOLAPUR PG END ONLY TO CONTROL O/D AT LOW FREQUENCY.
TALOJA II - OCIL 1	IntraState	12/04/2022	08:03	12/04/2022	18:13	PO	220kV SF6 Circuit Breakers & Isolator maintenance
NEW KOYNA - NIWALI	IntraState	12/04/2022	12:18	12/04/2022	18:02	PO	For cold washing of insulator strings from Loc no 01 to 53(Niwali LILO Line), 56 to 195.
BOMBAY DYEING - SAHARA	IntraState	12/04/2022	13:05	12/04/2022	18:10	T	TRIPPED ON DIST.PROTN.
KANDALGAON - SONA ALLOYS	IntraState	12/04/2022	18:32	13/04/2022	06:10	EO	Damaged conductor to be attended at Loc.No.2B,15B,43B,46B,48B and other line maintenance work.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 13/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BHUGAON - WARDHA (PG)	IntraState	12/04/2022	19:15	13/04/2022	05:09	HT	H/T DUE TO HIGH O/D AT LOW FREQUENCY.
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 1	IntraState	12/04/2022	19:18	13/04/2022	06:35	HT	H/T FOR HIGH O/D AT LOW FREQUENCY
SHENDRA - CHITTEPIMPALGAON (PG) CKT - 1	IntraState	12/04/2022	19:19	13/04/2022	05:13	HT	H/T DUE TO HIGH O/D AT LOW FREQUENCY.
WALUJ - CHITEGAON I	IntraState	12/04/2022	21:45	13/04/2022	06:09	HT	H/T DUE TO HIGH O/D AT LOW FREQUENCY.
OSMANABAD - PARLY (PG)	IntraState	12/04/2022	22:15	13/04/2022	05:04	HT	H/T DUE TO HIGH O/D AT LOW FREQUENCY.
TROMBAY - ANTOP HILL CKT - 1	IntraState	13/04/2022	00:05	13/04/2022	04:13	PO	for LA replacement work.
LAMBOTI - VAIRAG	IntraState	13/04/2022	00:46	13/04/2022	01:17	T	TRIPPED ON DIST.PROTN.
TALOJA II - OCIL 2	IntraState	13/04/2022	07:58			PO	220kV SF6 Circuit Breakers & Isolator maintenance
KARAD - MUDSHINGI CKT- 4	IntraState	13/04/2022	10:49			PO	Replacement of TSR-I.Fixing of new TSR-II & relay Testing work.Quarterly Maint. Work
HAMIDWADA - MUMEWADI	IntraState	13/04/2022	11:03			PO	For Overhauling of 245 KV CGL make Circuit Breaker & maintenance work.
URAN - ONGC URAN	IntraState	13/04/2022	11:53	13/04/2022	14:26	T	tripped in DP
TROMBAY - KALWA	IntraState	13/04/2022	13:04			PO	Bunching work at Loc No. 723 & 62
TROMBAY (M) - CHEMBUR CKT-1	IntraState	13/04/2022	13:25			PO	Bunching work at Loc No. 723 & 62
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 1	IntraState	13/04/2022	14:37	13/04/2022	16:24	HT	Heavy CT oil Leakage
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.
220/22 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 Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220 / 110 / 33kV 315 MVA ICT 6 @ CARNAC	IntraState	03/04/2022	11:00			PO	FOR SHIFTING ON NEW 110 KV GIS
220/132 KV 100 MVA ICT 1 @ SOUTH SOLAPUR	IntraState	13/04/2022	11:08	13/04/2022	14:50	PO	An outage is required for Quarterly Maintenance
110 KV LINE Outages/Trippings							
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 shfting these lines on new Multicircuit Towers between Darave to Vashi.
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 shfting these lines on new Multicircuit Towers between Darave to Vashi.
KALWA KALYAN	IntraState	13/04/2022	06:40	13/04/2022	13:27	PO	for attending to hot spot at loc 127 -128

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