

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.940	3615.620	1) Gujrat	-4.984	-140.851
2) Hydro	41.672	559.970	2) Madhya Pradesh	10.075	216.156
3) Gas	5.286	98.998	3) Chattisgarh	5.020	120.100
Total MSPGCL	209.898	4274.588	4) Maharashtra	165.869	3814.975
B) 1) APML	74.952	1680.980	5) Goa (Amona)	-1.331	-29.740
2) JSWEL	21.839	452.191	Total	174.649	3980.640
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.068	644.236
4) RPL(AMT)	25.620	582.659	b) Mumbai Drawl	26.725	698.945
5) SWPGPL	6.366	137.492	c) MSEDCL Bilateral *	93.110	2240.020
6) Other IPP	38.377	898.842	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.035	643.991
C) 1) TPCL Thermal	14.660	301.352	Include PX	0.000	5.604
2) TPCL Hydro	5.798	111.120	Standby	0.033	0.245
3) TPCL Gas	3.717	41.465	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.940	216.501	1) MSEDCL	529.468	11520.932
D) STATE			2) Mumbai Discoms	62.840	1369.381
1) Thermal	356.694	7885.637	3) Other Discoms	8.832	200.627
(A1+C1+C4+(B1-B6))			TOTAL STATE	601.140	13090.940
2) Hydro (A2+C2)	47.470	671.090			
3) Gas (A3+B7+C3)	9.003	140.463			
4) Wind	6.052	233.146			
6) SOLAR	7.272	179.966			
TOTAL STATE	426.491	9110.302			

* 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	6601	6669	6917	6739
MSPGCL Hydro	1889	1746	1849	1754
MSPGCL Gas	223	211	226	217
MSPGCL Total Generation	8713	8626	8992	8710
Central Sector Receipt	8955	8812	6530	5844
WIND	153	162	236	399
CPP / IPP Thermal	6942	6918	7026	6978
CPP / IPP Gas	0	0	0	0
SOLAR	1093	1130	0	0
Exchange with Mumbai	-1513	-1502	-1184	-984
MSEDCL DEMAND MET	23938	23750	21202	20583
Load Shedding	0	0	0	0
MSEDCL DEMAND	23938	23750	21202	20583
TPCL GENERATION	1086	1078	1144	1073
AEML GENERATION	498	497	499	498
MUMBAI DEMAND	3097	3077	2827	2555
OTHER DISCOM DEMAND	405	396	398	364
STATE DEMAND MET	27440	27223	24427	23502
STATE DEMAND	27440	27223	24427	23502
Frequency (Hz)	49.90	49.98	49.90	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 16:03 Hrs	49.57 Hz at 22:11 Hrs	49.93	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 23/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.12	93.10	165	0
Unit 7	0.00	0.00	0	0
Unit 8	14.29	316.46	606	575
Unit 9	13.38	302.10	585	485
Unit 10	10.80	232.93	510	405
Total	41.58	944.59		
Bhusawal				
Unit 3	0.00	44.63	0	0
Unit 4	10.48	215.46	470	310
Unit 5	10.16	82.04	465	305
Total	20.64	342.13		
Parli				
Unit 6	4.39	105.99	245	0
Unit 7	0.00	66.38	0	0
Unit 8	3.68	78.24	168	145
Total	8.06	250.61		
Chandrapur				
Unit 3	4.52	67.22	192	183
Unit 4	4.11	90.77	175	148
Unit 5	9.12	178.42	390	364
Unit 6	9.91	134.11	430	380
Unit 7	9.40	206.34	410	355
Unit 8	11.23	198.29	475	459
Unit 9	10.36	237.31	439	425
Total	58.66	1112.47		
Paras				
Unit 3	5.14	120.24	249	205
Unit 4	4.90	118.39	219	133
Total	10.04	238.63		
Khaparkheda				
Unit 1	3.30	77.28	145	130
Unit 2	3.76	81.64	160	150
Unit 3	4.48	84.22	190	181
Unit 4	4.44	93.71	191	175
Unit 5	0.00	217.88	0	0
Total	15.98	554.74		
Nasik				
Unit 3	3.56	3.75	180	67
Unit 4	4.40	94.60	195	161
Unit 5	0.00	74.10	0	0
Total	7.97	172.45		
Uran				
All Units	5.29	99.00	241	204
Total	5.29	99.00		
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)	0.12	3.61	38	0
Total	0.12	3.61		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	8.31	121.61	550	40
Stage 4	19.46	200.92	1002	595
Stage 3	5.88	68.88	320	136
Total	33.66	391.41		
Hydro				
KDPH	0.86	15.36	36	36
VTRNA	0.44	2.92	51	0
TILLARI	0.23	2.73	58	0
BHIRA T.R.	0.36	6.43	77	0
SMLHY_PTN	6.01	137.52	269	227
GHATGHAR	0.00	0.00	0	0
Total	7.90	164.95		
Wind				
Total	6.05	233.15	0	0
Total	6.05	233.15		
CPP				
APML(Mus)	74.95	1680.98	0	0
JSWEL(Mus)	21.84	452.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.62	582.66	0	0
SWPGPL-Mus	6.37	137.49	0	0
Other(Mus)	38.38	898.84	0	0
Total	167.15	3752.16		
SOLAR				
Total	7.27	179.97	0	0
Total	7.27	179.97		
Tata				
Trombay 5	9.12	199.50	396	366
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	24.85	115	63
Trombay 7B	1.45	16.61	67	51
TATA Hydro	5.80	111.12	380	0
Trombay 8	5.54	101.85	235	217
Total	24.18	453.94		
AEMIL				
DTPS U-1&2	11.94	216.50	500	491
Total	11.94	216.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.94	3615.62	MSPGCL Total	209.90	4274.59
			MSPGCL Thml+Gas	168.23	3714.62	Koyna 1,2 & 4 Total	27.77	322.53
			MSPGCL Hydro	41.67	559.97	State Total	426.49	9110.30

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Mar/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	6762	1900	219	8881	414	7052	0	0	6282	6441	-785	21684	0	21684	2422	319	24425	49.89
2	6876	1931	220	9027	354	7063	0	0	6328	6229	-674	21703	0	21703	2251	296	24250	49.92
3	6951	1838	221	9010	358	7016	0	0	6401	6244	-667	21679	0	21679	2104	282	24065	49.89
4	6897	1793	241	8931	316	6944	0	0	6380	6400	-750	21563	0	21563	2010	278	23851	49.95
5	6957	1825	222	9004	288	6959	0	0	6237	6285	-647	21606	0	21606	1960	283	23849	49.87
6	6970	1843	222	9035	267	6972	0	0	6425	6879	-668	22154	0	22154	2024	331	24509	49.86
7	6963	1960	232	9155	256	6943	0	5	6481	6933	-674	22257	0	22257	2118	361	24736	49.93
8	6816	1982	222	9020	215	6962	0	129	6690	7047	-768	22217	0	22217	2234	388	24839	50.00
9	6549	1727	220	8496	229	6926	0	358	7081	7417	-1014	22018	0	22018	2477	394	24889	49.99
10	6496	1656	229	8381	219	6950	0	606	8053	8364	-1357	22771	0	22771	2782	392	25945	49.96
11	6551	1992	215	8758	141	6945	0	920	8679	8768	-1517	23587	0	23587	3009	428	27024	49.89
12	6601	1889	223	8713	153	6942	0	1093	8970	8955	-1513	23938	0	23938	3097	405	27440	49.90
13	6669	1746	211	8626	162	6918	0	1130	8865	8812	-1502	23750	0	23750	3077	396	27223	49.98
14	6727	1178	213	8118	186	6799	0	1039	9700	9270	-1606	23406	0	23406	2990	400	26796	50.03
15	6760	1584	212	8556	188	6881	0	832	9419	9297	-1681	23675	0	23675	3068	398	27141	49.95
16	6723	1948	204	8875	146	6958	0	636	8970	8775	-1582	23409	0	23409	3101	399	26909	49.89
17	6790	1830	215	8835	158	6925	0	383	8081	7889	-1418	22372	0	22372	3053	400	25825	49.99
18	6805	1491	215	8511	165	6937	0	136	7203	6921	-1291	20979	0	20979	2950	400	24329	50.01
19	6892	1329	215	8436	219	7007	0	5	6617	6594	-1186	20666	0	20666	2847	409	23922	49.91
20	6917	1849	226	8992	236	7026	0	0	6697	6530	-1184	21202	0	21202	2827	398	24427	49.90
21	6916	1456	226	8598	262	7049	0	0	6225	6238	-1138	20621	0	20621	2708	388	23717	49.93
22	6942	1302	218	8462	360	7013	0	0	6096	6013	-1057	20408	0	20408	2598	383	23389	49.86
23	6739	1754	217	8710	399	6978	0	0	6063	5844	-984	20583	0	20583	2555	364	23502	49.87
24	6671	1869	228	8768	361	6989	0	0	6419	6504	-1062	21219	0	21219	2578	341	24138	49.92
MUs	162.94	41.67	5.29	209.90	6.05	167.15	0.00	7.27	174.36	174.65	-26.72	529.47	0.00	529.47	62.84	8.83	601.14	49.93

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 23/Mar/2022

Position as on 6.30 Hrs of 24/Mar/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	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated. (from 15/03/2022 due to coal shortage)	
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)	
MSPGCL	Parli Unit 7	250	15/03/2022	23:10		Continued.	Furnace Pressure High	
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	Khaparkheda Unit 5	500	21/03/2022	09:14		Continued.	suspected BTL	
MSPGCL	Uran Unit A0	120	22/03/2022	05:59		Continued.	Maintenance work	22/03/2022
MSPGCL	Uran Unit 5	108	22/03/2022	22:00		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-4	250	22/03/2022	22:45		Continued.	due to oil leakage through spiral case air drain valve oil line	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40		Continued.	Withdrawn	
MSPGCL	Koradi Unit 6	210	23/03/2022	06:58	23/03/2022	10:14	Flame Failure	
MSPGCL	Parli Unit 6	250	23/03/2022	08:00	23/03/2022	10:29	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 23/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	12/03/2022	15:01	23/03/2022	04:58	T	Pole-2 tripped at Padghe end. Black smoke observed near pole 2, B phase converter transformer's 3A bushing - turret. Fire looked external and it was extinguished in 10-15 minutes using fire tenders and fire hydrant
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	23/03/2022	05:46	23/03/2022	08:20	T	B-phase Earth Fault Protection
400 KV MAINBAY Outages/Tripping							
MAIN BAY (402) OF 315MVA ICT - 1 @ AKOLA	IntraState	23/03/2022	12:50	23/03/2022	17:14	PO	Diagnostic testing & Routine maintenance work
400 KV LR Outages/Tripping							
400KV KORADI-BHUSAWAL (Koradi end)	IntraState	23/03/2022	18:54			EO	for replacement of flashed over string Y phase loc no 109
400 KV LINE Outages/Tripping							
BABHALESHWAR - RPL(NSK) CKT - 2	IntraState	21/03/2022	16:45			PO	for 400kv Quad Moose conductor's stringing work across the samruddhi Maha marg road.
400 KV ICT Outages/Tripping							
400/220/33 KV 500MVA ICT - 1 @ LONIKAND 2	IntraState	22/03/2022	22:02	23/03/2022	00:04	EO	To attend hotspot of 70.3 deg C on Yph CT Line Side (LV Side Bay 205)
400/220/33 KV 500MVA ICT - 2 @ LONIKAND 2	IntraState	23/03/2022	00:37	23/03/2022	02:09	EO	To attend hotspot of 80.7 deg C on Rph CT Bus Side (LV Side CT Bay 204)
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	23/03/2022	07:53	23/03/2022	17:51	PO	Detailed internal inspection of 400/220 kv 105 MVA ICT 1 R ph unit due to rising trend in gases & possible thermal fault.
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
400 KV BR Outages/Tripping							
400KV 125MVAR BUS REACTOR @ CHANDRAPUR 2	InterState	23/03/2022	09:07			PO	Diagnostic testing and allied bay maintenanc work
220 KV TIEBAY Outages/Tripping							
MAIN BUS SECTION ISOLATOR @ KURKUMBH	IntraState	23/03/2022	17:25			PO	ISOLATOR REPLACEMENT WORK
220 KV LINE Outages/Tripping							
JEUR - SOLAPUR PG	InterState	23/03/2022	12:29	23/03/2022	20:35	PO	Fixing of bird diverter
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
LONIKAND 2 - BHOSARI	IntraState	23/03/2022	05:45	23/03/2022	06:30	T	LBB OPERATE AT BHOSARI S/STN
BHOSARI- BHOSARI 2	IntraState	23/03/2022	05:48	23/03/2022	06:30	T	LBB OPERATE AT BHOSARI S/STN
CENTURI ENKA- BHOSARI	IntraState	23/03/2022	05:48	23/03/2022	06:30	T	LBB OPERATE AT BHOSARI S/STN
CHAKAN-BHOSARI 1	IntraState	23/03/2022	05:48	23/03/2022	06:30	T	LBB OPERATE AT BHOSARI S/STN
PARANDA-BARSHI	IntraState	23/03/2022	09:37	23/03/2022	13:46	PO	Outage is required for Quarterly Maintenance
TALANDAGE - FIVE STAR MIDC 2	IntraState	23/03/2022	10:15			PO	For overhauling work of CB
BUS SECTIONIZER @ BIDRI	IntraState	23/03/2022	10:30	23/03/2022	12:45	PO	For QMW
GHODBUNDER - MSETCL BOISAR	IntraState	23/03/2022	13:17	23/03/2022	16:28	T	tripped on dist.protn

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
CHAKAN - CHINCHWAD 2	IntraState	23/03/2022	22:15			EO	To attend Hot Spot Temp 78.6 Deg at B ph Wave Trap Jump CT side and attending problem of conductor unbunching at Wave Trap side
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 Differential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220 / 110 / 22kV 250MVA ICT 1 @ BORIVALI (TATA)	IntraState	17/03/2022	12:30			PO	Shifting to new GIS
220/33KV 25MVA PTR 1 @ HALKARNI	IntraState	21/03/2022	09:15	23/03/2022	19:00	PO	For Transformer Internal Inspection, Oil Filtration, Vacuum Process and Testing work
220/22-22 KV 50 MVA PTR 2 @ COLOURCHEM	IntraState	23/03/2022	03:04			PO	220/22KV Transformer no. 2 Augmentation work by replacing existing 50MVA TF to repaired 80 MVA TF.
220/132-110 KV 100MVA ICT No-01 @ OGLEWADI	IntraState	23/03/2022	10:27	23/03/2022	17:11	PO	Attending tap change problem on electric mode
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	23/03/2022	14:10	23/03/2022	17:32	PO	Erection of lattice type structure of HV side isolator, alignment of isolator, connection of jump. For safety purpose ICT will be kept off
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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
KALYAN KALWA SALSETTE 2	IntraState	23/03/2022	15:30	23/03/2022	18:00	PO	ATTENDING HOT SPOT AT LOC -29

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