

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2023 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.914	2591.930	1) Gujrat	2.294	47.740
2) Hydro	8.856	190.201	2) Madhya Pradesh	7.685	83.628
3) Gas	4.480	67.884	3) Chattisgarh	3.970	64.240
Total MSPGCL	158.250	2850.015	4) Maharashtra	167.669	2669.603
B) 1) APML	58.176	1055.219	5) Goa (Amona)	-1.948	-26.556
2) JSWEL	25.604	408.952	Total	179.670	2838.655
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.700	497.428
4) RPL(AMT)	31.078	482.490	b) Mumbai Drawl	39.570	589.536
5) SWPGPL	10.671	163.017	c) MSEDCL Bilateral *	83.301	1366.173
6) Other IPP	36.594	656.750	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.700	497.428
C) 1) TPCL Thermal	9.967	174.207	Include PX	0.000	0.000
2) TPCL Hydro	4.704	47.531	Standby	0.000	0.000
3) TPCL Gas	3.212	43.830	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.662	177.323	1) MSEDCL	472.060	8087.644
D) STATE			2) Mumbai Discoms	68.115	1032.427
1) Thermal	327.666	5709.888	3) Other Discoms	10.314	161.418
(A1+C1+C4+(B1-B6))			TOTAL STATE	550.489	9281.489
2) Hydro (A2+C2)	13.560	237.732			
3) Gas (A3+B7+C3)	7.692	111.714			
4) Wind	13.634	175.795			
6) SOLAR	8.267	207.705			
TOTAL STATE	370.819	6442.834			

* 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 23 Hrs
MSPGCL Thermal	6539	6112	6693	4886
MSPGCL Hydro	241	187	451	244
MSPGCL Gas	193	197	204	207
MSPGCL Total Generation	6973	6496	7348	5337
Central Sector Receipt	8883	9031	6495	6541
WIND	560	517	808	626
CPP / IPP Thermal	6958	6567	6936	6798
CPP / IPP Gas	0	0	0	0
SOLAR	1011	1355	0	0
Exchange with Mumbai	-1840	-1980	-1642	-1493
MSEDCL DEMAND MET	22071	21531	19481	17376
Load Shedding	0	0	0	0
MSEDCL DEMAND	22071	21531	19481	17376
TPCL GENERATION	944	835	971	719
AEML GENERATION	491	469	483	349
MUMBAI DEMAND	3275	3284	3096	2561
OTHER DISCOM DEMAND	474	455	464	433
STATE DEMAND MET	25820	25270	23041	20370
STATE DEMAND	25820	25270	23041	20370
Frequency (Hz)	50.01	50.04	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.31 Hz at 18:03 Hrs	49.81 Hz at 00:11 Hrs	50.01	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 16/Mar/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.26	72.38	205	140
Unit 8	0.00	183.93	0	0
Unit 9	13.02	214.79	610	450
Unit 10	0.02	102.95	17	0
Total	17.30	574.04		
Bhusawal				
Unit 3	3.20	53.56	160	115
Unit 4	9.84	157.34	485	280
Unit 5	10.58	167.64	500	280
Total	23.60	378.55		
Parli				
Unit 6	4.78	77.57	250	144
Unit 7	4.76	76.09	248	149
Unit 8	4.18	56.51	205	143
Total	13.72	210.17		
Chandrapur				
Unit 3	3.48	58.13	170	124
Unit 4	3.29	52.22	150	120
Unit 5	8.52	73.25	405	283
Unit 6	9.03	137.60	410	347
Unit 7	8.77	137.40	429	277
Unit 8	10.82	174.64	497	277
Unit 9	4.23	143.10	432	0
Total	48.14	776.35		
Paras				
Unit 3	4.80	78.97	220	154
Unit 4	5.03	84.49	244	148
Total	9.83	163.46		
Khaparkheda				
Unit 1	2.78	44.22	120	100
Unit 2	3.28	49.13	144	123
Unit 3	4.03	57.36	185	130
Unit 4	4.01	63.78	193	129
Unit 5	11.15	168.80	490	290
Total	25.26	383.28		
Nasik				
Unit 3	0.00	0.97	0	0
Unit 4	3.70	48.47	175	122
Unit 5	3.37	56.63	169	115
Total	7.06	106.08		
Uran				
All Units	4.48	67.88	208	122
Total	4.48	67.88		
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	1.98	23	0
Total	0.12	1.98		
Koyna				
Stage 1-2	2.40	46.40	405	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.78	50.79	411	0
Stage 3	0.46	20.93	160	0
Total	3.64	118.12		
Hydro				
KDPH	0.86	13.38	36	36
VTRNA	1.19	17.07	61	0
TILLARI	0.46	3.62	58	0
BHIRA T.R.	0.14	2.09	40	0
SMLHY_PTN	2.44	33.94	109	97
GHATGHAR	0.00	0.00	0	0
Total	5.10	70.10		
Wind				
Total	13.63	175.80	0	0
Total	13.63	175.80		
CPP				
APML(Mus)	58.18	1055.22	0	0
JSWEL(Mus)	25.60	408.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.08	482.49	0	0
SWPGPL-Mus	10.67	163.02	0	0
Dhariwal	6.23	96.32	302	241
IEPL	5.11	80.96	270	192
Other(Mus)	25.26	479.47	0	0
Total	162.12	2766.43		
SOLAR				
Total	8.27	207.70	0	0
Total	8.27	207.70		
Tata				
Trombay 5	6.65	115.36	347	263
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.92	25.81	108	42
Trombay 7B	1.29	18.02	65	38
TATA Hydro	4.70	47.53	325	32
Trombay 8	3.32	58.85	189	129
Total	17.88	265.57		
AEML				
DTPS U-1&2	10.66	177.32	500	329
Total	10.66	177.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.91	2591.93	MSPGCL Total	158.25	2850.02
			MSPGCL Thml+Gas	149.39	2659.81	Koyna 1,2 & 4 Total	3.18	97.20
			MSPGCL Hydro	8.86	190.20	State Total	370.82	6442.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/Mar/2023

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	6232	239	194	6665	420	7069	0	0	7121	7274	-1538	19509	0	19509	2734	381	22624	49.99
2	6193	237	193	6623	471	6878	0	0	7540	7112	-1439	19278	0	19278	2528	367	22173	50.02
3	5986	243	194	6423	574	6764	0	0	7677	6700	-1438	18700	0	18700	2348	323	21371	50.03
4	5624	242	173	6039	546	6681	0	0	7414	6727	-1408	18240	0	18240	2249	345	20834	50.03
5	5510	293	122	5925	751	6666	0	0	7137	6657	-1303	18335	0	18335	2219	361	20915	50.04
6	5414	297	134	5845	728	6819	0	0	7037	6740	-1138	18601	0	18601	2286	393	21280	50.03
7	5623	326	162	6111	609	6901	0	6	7187	7782	-1158	19820	0	19820	2391	431	22642	50.00
8	6185	814	169	7168	368	6917	0	118	7005	7019	-1237	19917	0	19917	2513	436	22866	49.97
9	6328	957	170	7455	536	6862	0	359	7369	7717	-1449	21023	0	21023	2795	457	24275	50.00
10	6468	529	168	7165	506	7016	0	656	7836	8102	-1680	21299	0	21299	3067	466	24832	49.99
11	6539	241	193	6973	560	6958	0	1011	8386	8883	-1840	22071	0	22071	3275	474	25820	50.01
12	6364	252	203	6819	543	6709	0	1309	8971	8859	-2005	21778	0	21778	3317	456	25551	50.02
13	6112	187	197	6496	517	6567	0	1355	8912	9031	-1980	21531	0	21531	3284	455	25270	50.04
14	6110	291	202	6603	455	6590	0	1083	8891	9050	-2110	21220	0	21220	3149	451	24820	50.02
15	6413	533	200	7146	383	6581	0	956	8844	8978	-2176	21411	0	21411	3241	457	25109	49.98
16	6554	552	194	7300	527	6536	0	812	8658	8511	-2215	21009	0	21009	3344	462	24815	49.98
17	6545	473	201	7219	344	6606	0	461	8188	8129	-2129	20172	0	20172	3326	458	23956	50.00
18	6554	331	203	7088	468	6561	0	121	7676	7700	-1950	19526	0	19526	3221	462	23209	50.06
19	6663	343	198	7204	506	6870	0	20	7049	6876	-1762	19242	0	19242	3133	472	22847	50.04
20	6693	451	204	7348	808	6936	0	0	6947	6495	-1642	19481	0	19481	3096	464	23041	50.01
21	5757	267	205	6229	855	6757	0	0	6789	5703	-1533	17568	0	17568	2871	443	20882	50.04
22	4954	269	208	5431	823	6253	0	0	6633	6847	-1463	17435	0	17435	2632	456	20523	49.98
23	4886	244	207	5337	626	6798	0	0	6259	6541	-1493	17376	0	17376	2561	433	20370	50.03
24	5207	245	186	5638	710	6828	0	0	6148	6237	-1484	17516	0	17516	2535	413	20464	50.03
MUs	144.91	8.86	4.48	158.25	13.63	162.12	0.00	8.27	181.67	179.67	-39.57	472.06	0.00	472.06	68.12	10.31	550.49	50.01

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 16/Mar/2023

Position as on 6.30 Hrs of 17/Mar/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	31/03/2023
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.	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	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	30/04/2023
MSPGCL	Koradi Unit-10	660	09/03/2023	11:11	16/03/2023	23:27	Boiler Tube Leakage	15/03/2023
MSPGCL	Nasik Unit 3	210	10/03/2023	15:22		Continued.	Axial shift high	17/03/2023
MSPGCL	Uran Unit B0	120	11/03/2023	09:02	16/03/2023	09:09	Bearing vibration high	25/03/2023
IPP	Adani U-2	660	12/03/2023	18:02	17/03/2023	04:10	turbine left hand side MS drain leakage	16/03/2023
MSPGCL	Chandrapur Unit 9	500	13/03/2023	18:08	16/03/2023	09:21	Boiler Tube Leakage	17/03/2023
MSPGCL	Koradi Unit 8	660	15/03/2023	02:06		Continued.	Boiler Tube Leakage	18/03/2023
IPP	JSW (J) U4	300	16/03/2023	14:38	16/03/2023	17:42	AC Scanner Air Fan tripping.	
MSPGCL	Paras Unit 3	250	17/03/2023	08:38		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 17/Mar/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							
DHULE - SSNNL CKT - 2	InterState	16/03/2023	04:31	16/03/2023	05:00	T	Tripped on overvoltage protection at SSNNL end only
PADGHE - NAGOTHANE CKT - 1	IntraState	09/03/2023	09:30	16/03/2023	13:15	PO	CB replacement work
MAIN BUS - 2 @ TALANDGE	IntraState	15/03/2023	12:55	16/03/2023	22:55	PO	1. AM work 2. Bus CVT replacement work 3. PID faulty strings replacement work.
PADGHE - NAGOTHANE CKT - 2	IntraState	16/03/2023	10:04	16/03/2023	17:10	PO	Over voltage Relay replacement work
KORADI II - IEPL	IntraState	17/03/2023	08:00			PO	Routine Maint. Work
NAGOTHANE - DABHOL CKT - 1	IntraState	17/03/2023	08:56			PO	Over voltage Relay replacement work
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 500 MVA ICT - 3 @ KOLHAPUR	IntraState	16/03/2023	03:04	16/03/2023	06:15	T	Tripped on NDR protection
400/220/33 KV 500 MVA ICT - 2 @ NANDED	IntraState	16/03/2023	10:33	16/03/2023	17:33	PO	Routine Diagnostic testing and attending the CTR Oil leakage of Y-ph Unit.
400/220/33 KV 315 MVA ICT - 2 @ KOLHAPUR	IntraState	16/03/2023	21:42	17/03/2023	00:02	HT	while shifting ICT 2 from main bus 1 to bus 2 through TBC , own CB B ph pole got stuck , hence ICT 2 Hand trip .
220 KV TBC Outages/Trippings							
TBC @ BHOSARI 2	IntraState	16/03/2023	10:05	16/03/2023	15:20	PO	Half Yearly 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
CTRLS - NET MAGIC GIS	IntraState	07/03/2023	12:43			T	Distance Protection.
URSE-CHINCHWAD	IntraState	16/03/2023	00:14	16/03/2023	05:22	PO	HV back -up Relay replacement work
APTA - TAMBATI	IntraState	16/03/2023	05:08	16/03/2023	09:18	PO	Diagnostic testing and hot spot attending work at Tambati end.
BOISAR II - TARAPUR	IntraState	16/03/2023	09:09	16/03/2023	18:54	PO	Replacement of Rusted Hardware, Old earthwire and other maintenance work.
MHAISHAL- JATH	IntraState	16/03/2023	09:17	16/03/2023	17:28	PO	Cold washing of insulator
MALHARPEETH SATARA MIDC	IntraState	16/03/2023	09:25	16/03/2023	18:10	PO	Cold washing of insulator
URAN - APTA 2	IntraState	16/03/2023	09:54	16/03/2023	19:10	PO	For disc insulator string replacement work & Diagnostics testing and bay maint's work.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	16/03/2023	13:43	16/03/2023	15:02	EO	rope stuck up to Bph during replacement of earth wire by OPGW by MTCIL at lco no.87-88
BARAMATI - KURKUMBH	IntraState	16/03/2023	13:50	17/03/2023	02:55	PO	Jumpering of HV Bushing to bus of hybrid pass switchgear (outage taken for clearance purpose)
HAMIDWADA - MUMEWADI	IntraState	16/03/2023	14:01	16/03/2023	17:44	T	Tripped on distance protection
KANDALGAON - KOYNA (POPHALI)	IntraState	16/03/2023	15:37	16/03/2023	22:01	PO	For cold washing of line insulators.
FLAGSHIP-CHINCHWAD	IntraState	16/03/2023	16:43	17/03/2023	02:15	T	tripped on Phase to Phase fault

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MIRAJ - ICHALKARANJJI	IntraState	16/03/2023	17:12	17/03/2023	01:01	EO	Erection of Loc. No. 27A (MAN + 9) at crossing point of 132 KV Jaysingpur-Kurundwad link line near rever
ADLABS - PEDAMBE	IntraState	16/03/2023	18:21	16/03/2023	20:04	T	Tripped on distance protection
BOISAR II - TARAPUR	IntraState	17/03/2023	08:52			PO	Bay Maintenance Work
BOISAR II - TARAPUR	IntraState	17/03/2023	08:52			PO	Replacement of Rusted Hardware, Old earthwire and other maintenance work.
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
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/03/2023	11:09			EO	Replacement of Diverter shaft
220/33 KV, 50MVA, PTR NO 2 @ ALEPHATA	IntraState	16/03/2023	10:30	16/03/2023	20:37	PO	For Paintaining of 220/33KV, 50MVA, TF- II (BHEL)
220/132 KV 200 MVA PTR NO 6 @ PARVATI	IntraState	16/03/2023	11:32	16/03/2023	16:20	EO	Attending DC leakage which is detected in CTR circuit of TF
220/132 KV 100 MVA ICT - 1 @ ALEPHATA	IntraState	16/03/2023	19:18	16/03/2023	21:15	PO	For washing and cleaning of ICT for paintaining work
220/132 KV 100 MVA ICT - 1 @ ALEPHATA	IntraState	17/03/2023	07:13			PO	For ICT 1 paintaining work
220 KV BUSBAR Outages/Trippings							
MAIN BUS - 1 @ URAN	IntraState	16/03/2023	11:52	16/03/2023	18:21	PO	1) For MAIN BUS 1 insulator string replacement work.
110 KV LINE Outages/Trippings							
DHARAVI VIKHROLI	IntraState	10/02/2023	23:17			PO	for 400KV Project work of KVPTL
DHARAVI POWAI	IntraState	10/02/2023	23:35			PO	For 400KV project work on KVPTL
BHIRA (T) - DAVDI	IntraState	16/03/2023	09:29	16/03/2023	16:41	PO	Bay maintenance & Testing at Bhira

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