

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Mar/2024 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	172.481	172.481	1) Gujrat	4.738	4.738
2) Hydro	8.861	8.861	2) Madhya Pradesh	8.199	8.199
3) Gas	6.863	6.863	3) Chattisgarh	4.270	4.270
Total MSPGCL	188.205	188.205	4) Maharashtra	172.810	172.810
B) 1) APLM	57.153	57.153	5) Goa (Amona)	-2.151	-2.151
2) JSWEL	25.496	25.496	Total	187.866	187.866
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.027	35.027
4) RPL(AMT)	31.346	31.346	b) Mumbai Drawl	38.943	38.943
5) SWPGPL	12.355	12.355	c) MSEDCL Bilateral *	97.162	97.162
6) Other IPP	48.523	48.523	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.027	35.027
C) 1) TPCL Thermal	10.866	10.866	Include PX	0.000	0.000
2) TPCL Hydro	4.127	4.127	Standby	0.000	0.000
3) TPCL Gas	3.308	3.308	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.416	8.416	1) MSEDCL	528.319	528.319
D) STATE			2) Mumbai Discoms	65.660	65.660
1) Thermal	366.636	366.636	3) Other Discoms	10.791	10.791
(A1+C1+C4+(B1-B6))			TOTAL STATE	604.770	604.770
2) Hydro	12.988	12.988			
(A2+C2)					
3) Gas	10.171	10.171			
(A3+B7+C3)					
4) Wind	11.504	11.504			
6) SOLAR	15.605	15.605			
TOTAL STATE	416.904	416.904			

* 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 4 Hrs
MSPGCL Thermal	6727	6481	7972	6904
MSPGCL Hydro	378	305	518	174
MSPGCL Gas	280	275	289	293
MSPGCL Total Generation	7385	7061	8779	7371
Central Sector Receipt	9035	9077	7380	6964
WIND	399	293	404	642
CPP / IPP Thermal	7196	6876	7765	7299
CPP / IPP Gas	0	0	0	0
SOLAR	2344	2340	0	0
Exchange with Mumbai	-2118	-2112	-1607	-1213
MSEDCL DEMAND MET	23752	23064	22224	20705
Load Shedding	0	0	0	0
MSEDCL DEMAND	23752	23064	22224	20705
TPCL GENERATION	861	845	923	502
AEML GENERATION	299	299	463	331
MUMBAI DEMAND	3278	3256	2993	2046
OTHER DISCOM DEMAND	489	471	497	358
STATE DEMAND MET	27519	26791	25714	23109
STATE DEMAND	27519	26791	25714	23109
Frequency (Hz)	50.00	49.91	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 18.02 Hrs	49.75 Hz at 09.04 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 01/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.19	4.19	190	155
Unit 8	14.81	14.81	661	518
Unit 9	12.16	12.16	584	432
Unit 10	13.83	13.83	605	530
Total	45.00	45.00		
Bhusawal				
Unit 3	3.14	3.14	180	120
Unit 4	9.04	9.04	500	290
Unit 5	9.44	9.44	500	290
Total	21.62	21.62		
Parli				
Unit 6	3.57	3.57	195	135
Unit 7	3.60	3.60	173	137
Unit 8	3.66	3.66	196	144
Total	10.83	10.83		
Chandrapur				
Unit 3	3.07	3.07	153	108
Unit 4	3.18	3.18	162	120
Unit 5	7.47	7.47	435	270
Unit 6	7.40	7.40	440	270
Unit 7	7.65	7.65	465	270
Unit 8	9.22	9.22	424	285
Unit 9	10.14	10.14	500	285
Total	48.12	48.12		
Paras				
Unit 3	5.67	5.67	252	185
Unit 4	5.91	5.91	257	195
Total	11.58	11.58		
Khaparkheda				
Unit 1	3.82	3.82	170	125
Unit 2	4.36	4.36	195	134
Unit 3	4.06	4.06	176	143
Unit 4	4.51	4.51	197	150
Unit 5	11.91	11.91	500	475
Total	28.66	28.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.44	3.44	183	121
Unit 5	3.23	3.23	157	120
Total	6.67	6.67		
Uran				
All Units	6.86	6.86	296	272
Total	6.86	6.86		
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)	0.00	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	1.71	1.71	230	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.87	1.87	445	0
Stage 3	1.01	1.01	160	0
Total	4.59	4.59		
Hydro				
KDPH	0.86	0.86	36	36
VTRNA	0.70	0.70	60	0
TILLARI	0.47	0.47	63	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.23	2.23	98	88
GHATGHAR	0.01	0.01	6	0
Total	4.27	4.27		
Wind				
Total	11.50	11.50	0	0
Total	11.50	11.50		
CPP				
APML(Mus)	57.15	57.15	0	0
JSWEL(Mus)	25.50	25.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.35	31.35	0	0
SWPGPL-Mus	12.36	12.36	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.96	5.96	260	204
Other(Mus)	38.38	38.38	0	0
JPL	4.19	4.19	203	168
Total	174.87	174.87		
SOLAR				
Total	15.60	15.60	0	0
Total	15.60	15.60		
Tata				
Trombay 5	7.27	7.27	385	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.99	1.99	108	39
Trombay 7B	1.32	1.32	65	37
TATA Hydro	4.13	4.13	344	20
Trombay 8	3.59	3.59	211	128
Total	18.30	18.30		
AEML				
DTPS U-1&2	8.42	8.42	465	298
Total	8.42	8.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	172.48	172.48	MSPGCL Total	188.20	188.20
			MSPGCL Thml+Gas	179.34	179.34	Koyna 1,2 & 4 Total	3.58	3.58
			MSPGCL Hydro	8.86	8.86	State Total	416.90	416.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Mar/2024

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	6969	180	291	7440	574	7274	0	0	8008	7378	-1503	20775	0	0	20775	2434	388	23597	50.00
2	6784	175	291	7250	631	7265	0	0	7765	7447	-1389	20836	0	0	20836	2261	368	23465	49.98
3	6835	174	292	7301	599	7268	0	0	7536	7164	-1292	20682	0	0	20682	2121	358	23161	49.97
4	6904	174	293	7371	642	7299	0	0	7303	6964	-1213	20705	0	0	20705	2046	358	23109	49.99
5	7135	174	293	7602	750	7284	0	0	7280	7049	-1095	21236	0	0	21236	2032	354	23622	49.98
6	7574	175	296	8045	813	7370	0	0	7776	7615	-1239	22211	0	0	22211	2126	393	24730	50.00
7	7998	237	293	8528	814	7518	0	7	7937	7687	-1267	22857	0	0	22857	2289	430	25576	50.03
8	8289	296	291	8876	753	7670	0	284	7805	7081	-1173	23044	0	0	23044	2465	447	25956	50.03
9	7803	257	290	8350	565	7533	0	935	7904	7374	-1420	22863	0	0	22863	2763	474	26100	49.97
10	6914	248	288	7450	545	7357	0	1605	8615	8572	-1726	23318	0	0	23318	3036	485	26839	49.96
11	6722	329	285	7336	502	7199	0	2068	9090	9190	-2005	23799	0	51	23799	3221	491	27511	50.02
12	6727	378	280	7385	399	7196	0	2344	9049	9035	-2118	23752	0	63	23752	3278	489	27519	50.00
13	6481	305	275	7061	293	6876	0	2340	9348	9077	-2112	23064	0	18	23064	3256	471	26791	49.91
14	6278	494	273	7045	219	6728	0	2071	9145	9219	-2024	22784	0	16	22784	3125	474	26383	50.03
15	6934	642	272	7848	217	7072	0	1607	9061	8834	-2015	23095	0	45	23095	3107	468	26670	49.90
16	7302	762	277	8341	217	7234	0	1267	8919	8318	-2005	22888	0	8	22888	3147	484	26519	49.98
17	7144	704	281	8129	207	7226	0	800	8706	8474	-1947	22402	0	6	22402	3119	487	26008	49.97
18	7102	666	278	8046	251	7152	0	271	8469	8275	-1863	21644	0	3	21644	3070	488	25202	50.05
19	7390	753	287	8430	393	7353	0	6	7831	7689	-1751	21611	0	0	21611	3021	509	25141	49.99
20	7972	518	289	8779	404	7765	0	0	7682	7380	-1607	22224	0	0	22224	2993	497	25714	50.01
21	7589	488	288	8365	402	7364	0	0	7278	7033	-1606	21070	0	0	21070	2845	488	24403	50.02
22	7389	359	291	8039	409	7309	0	0	7024	6965	-1599	20641	0	0	20641	2727	482	23850	49.97
23	7160	189	294	7643	442	7286	0	0	7318	6964	-1495	20371	0	0	20371	2625	469	23465	49.99
24	7086	184	275	7545	463	7275	0	0	7308	7082	-1479	20447	0	0	20447	2553	439	23439	49.98
MUs	172.48	8.86	6.86	188.20	11.50	174.87	0.00	15.60	194.16	187.87	-38.94	528.32	0.00	0.21	528.32	65.66	10.79	604.77	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.

*Load Shedding due to Transmission Constraint :-

- 1) 3phase AG DLS due to overloading of 400kV Chakan-Talegaon line.
- 2) ELR carried out due to 132KV BBLR-Rahuri line overload, ELR carried out due to 50MVA TF Kopergoan overload.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Mar/2024

Position as on 6.30 Hrs of 02/Mar/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Major overhaul.	28/03/2024
MSPGCL	Koyna Unit 11	80	10/07/2023	09:40		Continued.	Capital Overhaul	08/03/2024
MSPGCL	Nasik Unit 3	210	18/01/2024	16:56		Continued.	Tolling (Converted to Planned outage on dt 02.02.2024 for boiler & allied work.)	13/03/2024
Total Capacity MSPGCL		398						
Total Capacity PLANNED OUTAGE		398						
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Uran Unit 6	108	16/01/2024	20:29		Continued.	For open cycle No schedule from MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	28/02/2024	22:00		Continued.	GM Link Fault	
MSPGCL	Ghatghar Unit-2	125	01/03/2024	19:07	01/03/2024	19:45	GM link fault	
Total Capacity MSPGCL		478						
CENT.SECTOR								
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
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
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		798						
FORCED OUTAGE DUE TO NO PPA								
IPP								
IPP	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	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)	
Total Capacity IPP		988						
Total Capacity FORCED OUTAGE DUE TO NO PPA		988						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 02/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
MAIN BAY - 418 OF IEPL @ KORADI-2	IntraState	29/09/2023	10:42			PO	1)Diagnostic testing of Circuit breaker 418-Q52. 2) Routine Maintenance work of Bay 418.
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 1	InterState	01/03/2024	12:23	01/03/2024	19:25	HT	Y-ph CVT Jumper opened at Dhule
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVar bus reactor by new 125 MVar bus reactor.
PADGHE - KALWA CKT - 1	IntraState	11/02/2024	00:35			PO	For tapping of 400kV Kalwa- Padgha-1 line (Loc no. 1113) with 400kV Kalwa-Kharghar line Loc no. 167 (Tapping work will be finished by 11.06.2024 @ 06:00 Hrs) using ERS thereby forming temporary 400kV Kalwa-Kharghar -Padgha Tap line and carrying out replacement of existing conductor the HTLS conductor of 400kV Kalwa-Padgha-1 line 1148 (Airoli) to 1114 (Shilphata)
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	14/02/2024	06:42			HT	H/T for controlling loading of 400kV Talegaon-Chakan
BABHALESHWAR - PADGHE CKT - 2	IntraState	01/03/2024	12:38	01/03/2024	14:06	T	Distance Protection
TIRORA - WARORA CKT - 2	IntraState	01/03/2024	20:56	01/03/2024	23:13	EO	Removal of cloth on Ckt
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.
400/220KV 500 MVA ICT - 1 @ VIKHROLI GIS	IntraState	10/02/2024	15:19			HT	H/T For LV side only
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/220KV 500 MVA ICT - 2 @ VIKHROLI GIS	IntraState	10/02/2024	18:31			HT	H/T For LV only.
400/220/33 KV 500MVA ICT - 2 @ KHAPARKHEDA	IntraState	01/03/2024	08:56	01/03/2024	17:12	PO	HV Insulation Coating of IPS Tube & BPI erected for RRS Scheme
400 KV BR Outages/Trippings							
400KV 125MVAR BUS REACTOR @ KARAD	IntraState	06/01/2024	11:55			PO	Existing 125 MVAR Reactor CB Have mechanical problem and need to replace
220 KV TBC Outages/Trippings							
220 KV TBC	IntraState	01/03/2024	10:02	01/03/2024	12:01	PO	Diagnostic testing work.
220 KV MAINBAY Outages/Trippings							
220KV AMALNER - JPL CKT 2	IntraState	01/03/2024	10:52	01/03/2024	14:43	PO	Civil foundation excavation work for Installation of dedicated metering CT & PT
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	01/02/2024	10:07			PO	Outage required for PLCC, CVT & WT Foundation, Erection work at 220kV Navsari SS.
URAN - KHARGHAR 2	IntraState	14/02/2024	08:41			PO	For making LILO of 220kV cable at 220kV Ulwe GIS &Waghiwali & Retrofitting of "DIFF" relay at 400kV KHARGHAR s/s.
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	28/02/2024	11:26	01/03/2024	17:14	PO	220 kV Tata (Borivali) - 4 Circuit Breaker Mechanism overhauling work to be carried by M/s. TATA.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 02/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KARAD - DASGAON	IntraState	28/02/2024	18:03			PO	For Erection & Stringing of In-line narrow base multi circuit tower (Loc No.150,151 & 152) of New 220kV Karad-Koyana line
MALHARPETH - KARAD	IntraState	01/03/2024	02:11	01/03/2024	07:09	T	Tripped due to Bph. CC burst at Malharpeth S/S.
MALHARPETH SATARA MIDC	IntraState	01/03/2024	02:11	01/03/2024	03:20	T	Tripped due to Bph. CC burst of 220kV Karad-Malharpeth line at Malharpeth S/S
LONAND - KANDALGAON (SONA ALLOY TAP)	IntraState	01/03/2024	08:18	01/03/2024	16:52	PO	Replacement of damaged conductor & Conductor restringing Work
KADEGAON-MIRAJ	IntraState	01/03/2024	10:40	01/03/2024	13:10	PO	1.For fixing Turbine ventilator rotating type Bird Guard 2.Chemical Washing of Insulator Strings at 220kV Miraj S/Stn.
NEW KOYNA - PEDAMBE	IntraState	01/03/2024	11:11	01/03/2024	16:38	PO	220 KV PEDHAMBE-NEW KOYNA LINE 'Y' PHASE CT HAVING CONSIDERABLE OIL LEAKAGE ALSO 'B' PHASE CT HAVING LOW OIL LEVEL...BOTH NEEDS TOP UP
BALAPUR-AKOLA II	IntraState	01/03/2024	14:07	01/03/2024	18:55	PO	Overhauling of CB by agency
MIRAJ - ICHALKARANJI	IntraState	01/03/2024	16:45	01/03/2024	20:00	PO	Chemical Washing of Insulator String
MIRAJ - ICHALKARANJI	IntraState	01/03/2024	16:45	01/03/2024	20:03	PO	Attending minor hotspots at TL No 2 R, Yph & TL No 15 R, Bph
NEW KOYNA - LOTEPARSHURAM	IntraState	01/03/2024	17:14	02/03/2024	01:09	PO	Back up relay commissioning 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.
220/132KV 100MVA ICT 3 @ PANDHARPUR	IntraState	21/02/2024	10:23			PO	AUGUMENTATION OF ICT 3 FROM 100MVA ICT TO NEW 200MVA ICT
220 / 110 / 33kV 250MVA ICT 3 @ BORIVALI (TATA)	IntraState	01/03/2024	07:45			PO	110KV Load will be fed by ICT 1, 2,Borivali Malad 1,2 BO BO 2, KOL BMC BO1
220 KV BUSBAR Outages/Trippings							
220KV BUS 1 @ TARAPUR-220 KV	InterState	23/02/2024	11:41			PO	Preventive Maintenance checks & SF6 gas leak rectification job
220KV BUS 2 @ TARAPUR-220 KV	InterState	23/02/2024	11:41			PO	Preventive Maintenance checks & SF6 gas leak rectification job
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	01/03/2024	10:06	01/03/2024	19:56	PO	For earthwire replacement & other Routine Maint. Work
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
KALYAN KALWA SALSETTE 1	IntraState	06/02/2024	19:55			PO	PROJECT WORK-Conductor replacement
TROMBAY PAREL 3 / CARNAC 2	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
TROMBAY CARNAC 1 / 3	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
BHIRA (T) - KHOPOLI 2	IntraState	01/03/2024	10:18	01/03/2024	18:40	PO	Conductor replacement

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