

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.051	800.345	1) Gujrat	4.992	26.045
2) Hydro	6.328	34.000	2) Madhya Pradesh	13.539	58.920
3) Gas	7.105	32.327	3) Chattisgarh	4.800	19.670
Total MSPGCL	171.484	866.672	4) Maharashtra	175.220	854.510
B) 1) APLM	53.985	267.295	5) Goa (Amona)	-1.992	-10.180
2) JSWEL	25.458	123.842	Total	196.559	948.965
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.648	152.174
4) RPL(AMT)	31.085	154.375	b) Mumbai Drawl	31.099	169.350
5) SWPGPL	12.077	60.494	c) MSEDCL Bilateral *	102.598	509.394
6) Other IPP	46.240	234.867	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.648	152.174
C) 1) TPCL Thermal	10.364	53.301	Include PX	0.000	0.000
2) TPCL Hydro	3.874	15.644	Standby	0.000	0.000
3) TPCL Gas	3.905	17.277	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.135	41.124	1) MSEDCL	522.658	2587.281
D) STATE			2) Mumbai Discoms	57.377	296.692
1) Thermal	345.395	1735.643	3) Other Discoms	10.952	53.495
(A1+C1+C4+(B1-B6))			TOTAL STATE	590.987	2937.468
2) Hydro	10.202	49.644			
(A2+C2)					
3) Gas	11.010	49.604			
(A3+B7+C3)					
4) Wind	9.912	69.863			
6) SOLAR	17.909	83.753			
TOTAL STATE	394.428	1988.507			

* 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 1 Hrs
MSPGCL Thermal	6529	6284	7465	6222
MSPGCL Hydro	387	237	531	181
MSPGCL Gas	290	276	296	305
MSPGCL Total Generation	7206	6797	8292	6708
Central Sector Receipt	9852	9530	7818	6800
WIND	248	143	360	353
CPP / IPP Thermal	6714	6584	8054	7106
CPP / IPP Gas	0	0	0	0
SOLAR	2225	2466	0	0
Exchange with Mumbai	-1838	-1914	-1417	-1025
MSEDCL DEMAND MET	23933	23139	22612	19524
Load Shedding	0	0	0	0
MSEDCL DEMAND	23933	23139	22612	19524
TPCL GENERATION	730	692	965	608
AEML GENERATION	331	314	309	326
MUMBAI DEMAND	2899	2920	2691	1959
OTHER DISCOM DEMAND	474	466	495	418
STATE DEMAND MET	27306	26526	25798	21901
STATE DEMAND	27306	26526	25798	21901
Frequency (Hz)	50.07	50.02	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.29 Hz at 06.03 Hrs	49.72 Hz at 15.11 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 05/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.32	21.03	185	165
Unit 8	14.68	69.98	658	552
Unit 9	12.95	61.78	582	491
Unit 10	11.05	62.46	475	440
Total	43.00	215.25		
Bhusawal				
Unit 3	3.17	14.72	180	115
Unit 4	8.46	42.44	490	285
Unit 5	8.54	41.44	500	280
Total	20.16	98.60		
Parli				
Unit 6	3.71	17.97	216	145
Unit 7	3.64	17.84	241	140
Unit 8	3.56	17.76	211	141
Total	10.91	53.57		
Chandrapur				
Unit 3	3.11	15.15	154	120
Unit 4	3.14	15.53	160	120
Unit 5	7.25	36.21	425	275
Unit 6	7.26	36.14	425	280
Unit 7	7.32	37.04	408	281
Unit 8	8.48	41.91	415	276
Unit 9	6.75	34.41	455	0
Total	43.30	216.39		
Paras				
Unit 3	5.33	26.68	241	169
Unit 4	5.57	27.41	253	160
Total	10.90	54.09		
Khaparkheda				
Unit 1	3.66	18.10	180	105
Unit 2	3.56	19.64	195	106
Unit 3	3.63	18.52	173	135
Unit 4	4.03	20.10	196	130
Unit 5	8.43	54.04	490	0
Total	23.31	130.40		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.35	16.37	184	119
Unit 5	3.11	15.68	154	48
Total	6.46	32.05		
Uran				
All Units	7.10	32.33	312	276
Total	7.10	32.33		
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)	0.06	0.34	26	0
Total	0.06	0.34		
Koyna				
Stage 1-2	1.14	7.26	70	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.17	2.47	90	0
Stage 3	0.16	2.22	104	0
Total	1.46	11.95		
Hydro				
KDPH	0.86	4.32	36	36
VTRNA	0.67	3.16	60	0
TILLARI	0.51	2.46	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.53	11.40	110	100
GHATGHAR	0.24	0.37	165	0
Total	4.80	21.71		
Wind				
Total	9.91	69.86	0	0
Total	9.91	69.86		
CPP				
APML(Mus)	53.98	267.30	0	0
JSWEL(Mus)	25.46	123.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.08	154.38	0	0
SWPGPL-Mus	12.08	60.49	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.81	28.68	258	202
Other(Mus)	36.32	185.66	0	0
JPL	4.10	20.53	200	166
Total	168.84	840.87		
SOLAR				
Total	17.91	83.75	0	0
Total	17.91	83.75		
Tata				
Trombay 5	6.99	35.60	368	261
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	10.46	108	59
Trombay 7B	1.49	6.82	65	50
TATA Hydro	3.87	15.64	400	17
Trombay 8	3.37	17.70	173	129
Total	18.14	86.22		
AEML				
DTPS U-1&2	8.14	41.12	465	286
Total	8.14	41.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.05	800.34	MSPGCL Total	171.48	866.67
			MSPGCL Thml+Gas	165.16	832.67	Koyna 1,2 & 4 Total	1.30	9.73
			MSPGCL Hydro	6.33	34.00	State Total	394.43	1988.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	6222	181	305	6708	353	7106	0	0	7436	6800	-1025	19524	0	0	19524	1959	418	21901	50.02
2	5993	186	308	6487	490	6867	0	0	7392	7452	-921	20001	0	0	20001	1822	374	22197	50.01
3	6100	211	309	6620	466	6620	0	0	7368	7474	-841	19982	0	0	19982	1726	357	22065	49.99
4	6240	186	310	6736	467	6636	0	0	7307	7205	-789	19902	0	0	19902	1675	353	21930	49.99
5	6458	186	309	6953	515	6973	0	0	7322	7186	-780	20493	0	0	20493	1669	354	22516	50.01
6	6892	191	312	7395	576	7230	0	0	7720	7448	-864	21392	0	0	21392	1787	393	23572	50.00
7	7340	244	304	7888	795	7312	0	9	8158	7753	-787	22550	0	3	22550	1986	420	24956	50.00
8	6778	277	301	7356	735	7156	0	353	8640	8699	-1044	22808	0	3	22808	2187	447	25442	50.01
9	6426	328	298	7052	535	6757	0	1124	9155	9220	-1334	22878	0	0	22878	2477	476	25831	50.02
10	6436	328	290	7054	352	6633	0	1804	9369	9556	-1623	23284	0	0	23284	2726	492	26502	50.01
11	6529	387	290	7206	248	6714	0	2225	9791	9852	-1838	23933	0	30	23933	2899	474	27306	50.07
12	6596	330	285	7211	165	6948	0	2373	9379	9424	-1913	23727	0	46	23727	2962	481	27170	50.02
13	6284	237	276	6797	143	6584	0	2466	9346	9530	-1914	23139	0	46	23139	2920	466	26526	50.02
14	6009	270	283	6562	151	6509	0	2401	9240	9119	-1783	22463	0	13	22463	2807	496	25766	50.01
15	6069	254	279	6602	257	6523	0	2093	9532	9564	-1836	22729	0	11	22729	2795	474	25998	49.93
16	6671	242	284	7197	323	6817	0	1637	9289	8887	-1657	22687	0	12	22687	2829	518	26033	49.88
17	6784	247	289	7320	435	7083	0	1040	9034	8648	-1533	22473	0	8	22473	2813	520	25806	49.89
18	7166	254	290	7710	460	7232	0	367	8406	8217	-1492	21973	0	3	21973	2767	521	25261	50.02
19	7304	441	291	8036	359	7524	0	17	8009	7747	-1313	21856	0	0	21856	2715	514	25085	50.01
20	7465	531	296	8292	360	8054	0	0	8146	7818	-1417	22612	0	0	22612	2691	495	25798	49.99
21	7004	255	297	7556	446	7741	0	0	7959	7214	-1242	21223	0	0	21223	2549	493	24264	50.03
22	6658	191	298	7147	375	7284	0	0	7574	7466	-1175	20609	0	0	20609	2361	488	23458	50.01
23	6616	184	300	7100	460	7319	0	0	7624	6985	-1099	20286	0	0	20286	2193	479	22958	49.94
24	6011	187	301	6499	446	7222	0	0	7554	7295	-879	20134	0	0	20134	2062	449	22645	49.93
MUs	158.05	6.33	7.10	171.48	9.91	168.85	0.00	17.91	200.75	196.56	-31.10	522.66	0.00	0.17	522.66	57.38	10.95	590.99	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) ELR Carried out due to 132 kV BBLR To Rahuri Line overload. 2) DLS was implemented due to overloading of 400 KV Chakan-Talegaon PGCIL line.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Mar/2024

Position as on 6.30 Hrs of 06/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	Chandrapur Unit 9	500	04/03/2024	05:46	05/03/2024	03:28	Air heater problem	06/03/2024
MSPGCL	Khaparkheda Unit 5	500	05/03/2024	18:04		Continued.	Boiler Tube Leakage	08/03/2024
MSPGCL	Nasik Unit 5	210	05/03/2024	23:45		Continued.	For attending boiler feed pump common discharge header line leakage.	06/03/2024
Total Capacity MSPGCL		1438						
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		1758						
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 05/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2024

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							
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
JAIGAD - KARAD CKT - 2	IntraState	05/03/2024	00:39	05/03/2024	08:31	HT	For voltage management
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	05/03/2024	06:25	05/03/2024	18:07	PO	At loc no-843 80% string of R ph is damaged hence in order to avoid futures unwanted tripping of said line outgae is required on urgent basis
JAIGAD - NEW KOYNA CKT - 1	IntraState	05/03/2024	09:43			PO	Diagnostic testing & Relay testing work , Routine maint. Work
CHANDRAPUR 2 - WARORA CKT-1	IntraState	05/03/2024	11:10	05/03/2024	17:22	PO	For Conductor and Earthwire Hardware Nutbolt tightening & Fitting work at various locations.
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 315MVA ICT - 2 @ AKOLA	IntraState	04/03/2024	11:26			PO	Internal inspection of 315 MVA ICT 02 by agency M/s Mahati Electrical.
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 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.
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
WAGHIVALI - DHARAVI 7	IntraState	05/03/2024	01:58	05/03/2024	05:55	PO	METRO-4 PROJECT WORK BY MMRDA IN VICINITY
ANTOP HILL - DHARAVI-1	IntraState	05/03/2024	01:58	05/03/2024	05:55	PO	METRO-4 PROJECT WORK BY MMRDA IN VICINITY
TROMBAY - VIKHROLI (GIS) CKT - 4	IntraState	05/03/2024	02:05	05/03/2024	06:12	PO	METRO-4 PROJECT WORK BY MMRDA IN VICINITY

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
SADAWAGHAPUR KARAD CKT 1	IntraState	05/03/2024	07:03			PO	For replacement work of Main Distance Relay.
KARAD - WATHAR	IntraState	05/03/2024	10:22	05/03/2024	12:44	PO	1) For gantry B Ph tension string replacement work as per PID testing report.(2) Bay quarterly maintenance.
KARAD -MUDSHINGI CKT 2-TAK	IntraState	05/03/2024	10:51	05/03/2024	14:36	T	Tripped on Distance protection.
ONI KHAREPATAN LINE	IntraState	05/03/2024	12:28	05/03/2024	22:20	T	Tripped on Distance protection.
ABHIJEET-WARDHA-1	IntraState	05/03/2024	13:08	05/03/2024	20:23	EO	Replacement of Distance Relay
MHAISAL - ALKUD	IntraState	05/03/2024	16:20	05/03/2024	19:45	PO	R & Y Ph Wave trap Replacement 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 KV 155MVA ICT-1@ BHIRA (T)-220 KV	IntraState	05/03/2024	07:40			PO	ICI 1 overhauling ,Testing ,CRP replacement of CPLR 1-2 ,ICT 1
220/100 KV 200 MVA ICT 1 @ KALWA	IntraState	05/03/2024	10:25	05/03/2024	18:34	PO	Diagnostic testing & RM work
132 KV LINE Outages/Trippings							
MANSAR-PENCH	InterState	05/03/2024	14:06	05/03/2024	16:51	T	Tripped on distance protection.
KANHAN-PENCH	IntraState	05/03/2024	09:35	05/03/2024	16:44	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	06/03/2024	00:31	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
KALYAN KALWA SALSETTE 2	IntraState	05/03/2024	13:06	05/03/2024	16:56	PO	Conductor replacement in span 43 -42 at Kalwa End

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