

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Mar/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.295	489.552	1) Gujrat	5.293	17.204
2) Hydro	5.724	21.279	2) Madhya Pradesh	12.843	33.112
3) Gas	7.112	17.996	3) Chattisgarh	3.260	10.650
Total MSPGCL	165.131	528.827	4) Maharashtra	158.775	499.779
B) 1) APML	48.419	160.694	5) Goa (Amona)	-1.897	-6.230
2) JSWEL	24.854	72.746	Total	178.274	554.515
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.895	96.208
4) RPL(AMT)	29.704	92.084	b) Mumbai Drawl	30.644	105.766
5) SWPGPL	11.649	36.208	c) MSEDCL Bilateral *	108.159	305.950
6) Other IPP	46.749	142.053	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.895	96.208
C) 1) TPCL Thermal	11.273	32.772	Include PX	0.000	0.000
2) TPCL Hydro	0.876	8.564	Standby	0.000	0.000
3) TPCL Gas	2.943	9.629	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.118	24.918	1) MSEDCL	505.068	1550.750
D) STATE			2) Mumbai Discoms	53.850	181.645
1) Thermal	333.061	1051.027	3) Other Discoms	10.204	31.675
(A1+C1+C4+(B1-B6))			TOTAL STATE	569.122	1764.070
2) Hydro	6.600	29.843			
(A2+C2)					
3) Gas	10.055	27.625			
(A3+B7+C3)					
4) Wind	23.847	53.277			
6) SOLAR	17.289	47.787			
TOTAL STATE	390.852	1209.559			

* 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	6062	5569	7303	6411
MSPGCL Hydro	211	222	502	171
MSPGCL Gas	293	289	298	304
MSPGCL Total Generation	6566	6080	8103	6886
Central Sector Receipt	8939	8159	6973	6893
WIND	683	977	624	587
CPP / IPP Thermal	6522	6364	7268	6701
CPP / IPP Gas	0	0	0	0
SOLAR	2037	2395	0	0
Exchange with Mumbai	-1308	-1200	-1141	-1207
MSEDCL DEMAND MET	22995	22358	21368	19400
Load Shedding	0	0	0	0
MSEDCL DEMAND	22995	22358	21368	19400
TPCL GENERATION	729	764	713	642
AEML GENERATION	402	475	478	304
MUMBAI DEMAND	2439	2439	2332	2153
OTHER DISCOM DEMAND	444	417	459	460
STATE DEMAND MET	25878	25214	24159	22013
STATE DEMAND	25878	25214	24159	22013
Frequency (Hz)	50.02	50.08	50.04	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.34 Hz at 14:06 Hrs	49.86 Hz at 20:34 Hrs	50.03	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 03/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.14	12.41	190	125
Unit 8	13.17	41.96	634	371
Unit 9	11.68	36.31	552	375
Unit 10	12.20	39.45	587	400
Total	41.19	130.14		
Bhusawal				
Unit 3	3.02	9.32	135	120
Unit 4	7.55	24.82	495	280
Unit 5	7.64	25.58	485	280
Total	18.22	59.73		
Parli				
Unit 6	3.53	10.70	184	142
Unit 7	3.44	10.62	151	137
Unit 8	3.41	10.69	143	140
Total	10.38	32.01		
Chandrapur				
Unit 3	2.99	9.12	140	120
Unit 4	3.02	9.32	150	119
Unit 5	6.86	21.70	400	275
Unit 6	6.88	21.54	345	270
Unit 7	7.02	22.02	340	279
Unit 8	7.46	25.16	415	275
Unit 9	7.59	26.20	439	275
Total	41.81	135.07		
Paras				
Unit 3	4.94	16.02	241	137
Unit 4	5.02	16.43	256	144
Total	9.95	32.45		
Khaparkheda				
Unit 1	3.28	10.94	165	110
Unit 2	3.49	12.08	184	114
Unit 3	3.30	11.13	168	128
Unit 4	3.69	12.37	194	132
Unit 5	11.08	34.72	500	310
Total	24.84	81.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.97	9.63	131	119
Unit 5	2.94	9.29	132	115
Total	5.91	18.92		
Uran				
All Units	7.11	18.00	307	280
Total	7.11	18.00		
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	0.16	43	0
Total	0.12	0.16		
Koyna				
Stage 1-2	1.24	4.56	140	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	2.30	0	0
Stage 3	0.20	1.57	110	0
Total	1.45	8.43		
Hydro				
KDPH	0.86	2.59	36	36
VTRNA	0.62	1.96	61	0
TILLARI	0.51	1.46	65	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.16	6.54	93	77
GHATGHAR	0.00	0.14	0	0
Total	4.15	12.69		
Wind				
Total	23.85	53.28	0	0
Total	23.85	53.28		
CPP				
APML(Mus)	48.42	160.69	0	0
JSWEL(Mus)	24.85	72.75	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.70	92.08	0	0
SWPGPL-Mus	11.65	36.21	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.44	17.13	253	201
Other(Mus)	37.24	112.60	0	0
JPL	4.07	12.32	172	166
Total	161.38	503.78		
SOLAR				
Total	17.29	47.79	0	0
Total	17.29	47.79		
Tata				
Trombay 5	7.27	21.76	455	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.74	5.75	108	40
Trombay 7B	1.21	3.88	64	37
TATA Hydro	0.88	8.56	150	3
Trombay 8	4.00	11.01	227	128
Total	15.09	50.96		
AEML				
DTPS U-1&2	8.12	24.92	492	282
Total	8.12	24.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.30	489.55	MSPGCL Total	165.13	528.83
			MSPGCL Thml+Gas	159.41	507.55	Koyna 1,2 & 4 Total	1.24	6.86
			MSPGCL Hydro	5.72	21.28	State Total	390.85	1209.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	6632	168	298	7098	1687	6752	0	0	6917	6607	-1319	20413	0	0	20413	2390	412	23215	49.96
2	6459	173	297	6929	1594	6590	0	0	6863	7029	-1347	20433	0	0	20433	2250	362	23045	49.96
3	6547	199	298	7044	1372	6759	0	0	6718	6819	-1238	20408	0	0	20408	2141	348	22897	50.00
4	6581	169	298	7048	1322	6933	0	0	6702	6653	-1181	20433	0	0	20433	2076	342	22851	50.02
5	6675	174	300	7149	1427	7003	0	0	6749	6766	-1186	20795	0	0	20795	2058	364	23217	50.02
6	7040	168	300	7508	1326	7181	0	0	7072	7062	-1256	21419	0	0	21419	2107	402	23928	50.06
7	7167	245	306	7718	1250	7232	0	11	7432	7332	-1272	21854	0	2	21854	2142	417	24413	50.03
8	6988	231	307	7526	954	7247	0	302	7801	7707	-1268	22032	0	6	22032	2193	436	24661	50.04
9	6609	246	297	7152	836	6997	0	1003	7972	7785	-1354	21957	0	0	21957	2286	462	24705	50.09
10	6297	236	295	6828	780	6602	0	1692	8536	8472	-1412	22521	0	0	22521	2344	441	25306	50.00
11	6062	211	293	6566	683	6522	0	2037	9067	8939	-1308	22995	0	1	22995	2439	444	25878	50.02
12	5629	227	291	6147	738	6458	0	2383	8803	8660	-1195	22754	0	9	22754	2480	437	25671	50.00
13	5569	222	289	6080	977	6364	0	2395	8839	8159	-1200	22358	0	8	22358	2439	417	25214	50.08
14	5441	225	286	5952	1159	5962	0	2326	8490	7872	-1399	21445	0	7	21445	2324	427	24196	50.24
15	5430	233	280	5943	1166	5969	0	2096	8020	7492	-1381	20863	0	1	20863	2257	422	23542	50.08
16	5496	233	287	6016	1073	6178	0	1625	7681	7951	-1414	20991	0	0	20991	2230	438	23659	49.99
17	5594	231	290	6115	971	6360	0	1017	7929	7957	-1410	20567	0	0	20567	2191	443	23201	50.00
18	6021	331	291	6643	824	6571	0	389	7534	7747	-1357	20355	0	0	20355	2186	462	23003	50.03
19	6477	530	297	7304	602	6832	0	13	6973	7198	-1176	20303	0	0	20303	2227	470	23000	50.02
20	7303	502	298	8103	624	7268	0	0	7259	6973	-1141	21368	0	0	21368	2332	459	24159	50.04
21	6879	267	303	7449	696	7202	0	0	7138	6525	-1217	20210	0	0	20210	2294	445	22949	50.00
22	6525	174	301	7000	709	7024	0	0	6927	6656	-1254	19676	0	0	19676	2242	459	22377	50.00
23	6411	171	304	6886	587	6701	0	0	7233	6893	-1207	19400	0	0	19400	2153	460	22013	49.98
24	6463	158	306	6927	490	6668	0	0	7209	7020	-1152	19517	0	0	19517	2073	436	22026	50.07
MUs	152.29	5.72	7.11	165.13	23.85	161.38	0.00	17.29	181.86	178.27	-30.64	505.07	0.00	0.03	505.07	53.85	10.20	569.13	50.03

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 BBLR-Rahuri line overload, ELR carried out 50MVA TF Kopargaon due to overload & 25MVA TF Wadzire due to overload.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Mar/2024

Position as on 6.30 Hrs of 04/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		Continued.	Air heater problem	06/03/2024
MSPGCL	Bhusawal Unit 3	210	04/03/2024	06:21		Continued.	ID Fan Problem	05/03/2024
Total Capacity MSPGCL		938						
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
CENT.SECTOR	Tarapur 4	540	01/03/2024	12:02	03/03/2024	03:48	Tripped on Generator side protections	
Total Capacity CENT.SECTOR		860						
Total Capacity FORCED OUTAGE		1798						
FORCED OUTAGE DUE TO NO PPA								
IPP								
IPP	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	PGPL U1	262	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 03/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 04/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							
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
PADGHE - KALWA CKT - 1	IntraState	03/03/2024	00:13	03/03/2024	14:30	PO	For erection of 2 nos. QD towers in between Loc no. 1113 - 1115 in r/o line shifting/ height raising work for NHSRCL. To hold the conductor on suspension tower special arrangement is required for which 12 hours outage is required (minimum 6 hours outage in day time)
KALWA - KHARGHAR	IntraState	03/03/2024	00:13	03/03/2024	14:31	PO	For erection of 2 nos. QD towers in between Loc no. 1113 - 1115 in r/o line shifting/ height raising work for NHSRCL. To hold the conductor on suspension tower special arrangement is required for which 12 hours outage is required (minimum 6 hours outage in day time)
JAIGAD - KARAD CKT - 1	IntraState	04/03/2024	00:12			HT	To Control grid over Voltage.
NEW KOYNA-KARAD CKT - 1	IntraState	04/03/2024	05:34			T	Line tripped on distance protection.
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 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.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 04/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	02/03/2024	10:30			PO	CB Pole & Mechanism overhauling.
KARAD - OGALEWADI CKT 1	IntraState	02/03/2024	13:57	03/03/2024	16:40	PO	Distance Relay Replacement Work
KANDALGAON - KOYNA (POPHALI)	IntraState	02/03/2024	19:54	03/03/2024	00:27		Back up relay commissioning work
PARAS-CHIKHALI CKT NO-I	IntraState	03/03/2024	11:21	03/03/2024	14:59	PO	Diagnostic testing work.
TPC BORIVALI - AAREY	IntraState	03/03/2024	14:41	03/03/2024	16:59	PO	For connection of Intelligent Voltage Identification System & DC-DC Converter for Sf6 Wika Gauges.
PARAS-CHIKHALI CKT NO-II	IntraState	03/03/2024	15:13	03/03/2024	17:55	PO	Diagnostic testing work.
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	03/03/2024	15:17	03/03/2024	17:54	PO	Protection Trails
TROMBAY - VIKHROLI (GIS) CKT - 4	IntraState	04/03/2024	01:39	04/03/2024	06:18	PO	METRO-4 PROJECT WORK BY MMRDA IN VICINITY
ANTOP HILL - DHARAVI-1	IntraState	04/03/2024	01:45	04/03/2024	06:11	PO	METRO-4 PROJECT WORK BY MMRDA IN VICINITY
WAGHIVALI - DHARAVI 7	IntraState	04/03/2024	01:54	04/03/2024	06:11	PO	METRO-4 PROJECT WORK BY MMRDA IN VICINITY
PALGHAR - NALASOPARA	IntraState	04/03/2024	05:13	04/03/2024	09:33	PO	Faulty Insulator replacement work identified in PID.
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
200 MVA 220/132 KV ICT 2 @ GIRWALI	IntraState	02/03/2024	21:28			T	132KV Bus Bar operated
220/100 KV 100 MVA ICT 1 @ TAMBATI	IntraState	03/03/2024	10:12	03/03/2024	23:11	PO	Urgent R, Y, B phase HV Bushing Replacement work due to high tandelta values
220/132 KV 200 MVA ICT 2	IntraState	03/03/2024	10:38	03/03/2024	17:32	PO	SFRA test of ict diagnostic testing work.
220 / 110 / 22kV 250MVA ICT 1 @ SAKI	IntraState	03/03/2024	11:42	03/03/2024	16:02	PO	Attending to OLTC electrcial operation. 110KV & 33KV breaker will be kept open
220/33KV 50MVA PTR 3 @ WATHAR	IntraState	04/03/2024	09:28			PO	Quarterly Maintainance works.
220 KV BUSBAR Outages/Trippings							
220KV BUS 2 @ TARAPUR-220 KV	InterState	23/02/2024	11:41			PO	Preventive Maintenance checks & SF6 gas leak rectification job
220KV BUS 1 @ 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	03/03/2024	09:38	03/03/2024	14:58	PO	Earth wire replacement and RM work.
KANHAN-PENCH	IntraState	04/03/2024	09:16			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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 04/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
AMBERNATH - KALYAN CKT - 2	IntraState	03/03/2024	14:46	03/03/2024	20:39	PO	Work in vicinity of 110KV KKS 1 work.

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