

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Mar/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.206	2731.193	1) Gujrat	2.962	84.601
2) Hydro	6.508	154.142	2) Madhya Pradesh	10.561	214.720
3) Gas	7.066	114.036	3) Chattisgarh	4.340	72.770
Total MSPGCL	176.780	2999.371	4) Maharashtra	171.192	2951.133
B) 1) APLM	64.856	1020.663	5) Goa (Amona)	-1.499	-31.342
2) JSWEL	26.220	449.586	Total	187.556	3291.882
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.419	492.723
4) RPL(AMT)	25.420	489.368	b) Mumbai Drawl	31.142	554.563
5) SWPGPL	11.999	198.282	c) MSEDCL Bilateral *	93.636	1688.271
6) Other IPP	40.185	769.992	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.419	492.723
C) 1) TPCL Thermal	10.212	183.808	Include PX	0.000	0.000
2) TPCL Hydro	1.802	66.754	Standby	0.000	0.000
3) TPCL Gas	2.997	60.691	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.178	152.197	1) MSEDCL	522.083	9008.852
D) STATE			2) Mumbai Discoms	55.331	1018.008
1) Thermal	351.276	5995.089	3) Other Discoms	10.280	182.959
(A1+C1+C4+(B1-B6))			TOTAL STATE	587.694	10209.819
2) Hydro	8.310	220.896			
3) Gas	10.063	174.727			
4) Wind	14.590	223.244			
6) SOLAR	15.899	292.850			
TOTAL STATE	400.138	6906.806			

* 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 24 Hrs
MSPGCL Thermal	6680	6651	6799	6666
MSPGCL Hydro	259	260	333	209
MSPGCL Gas	289	283	293	299
MSPGCL Total Generation	7228	7194	7425	7174
Central Sector Receipt	9260	8439	7321	6962
WIND	216	179	1137	1107
CPP / IPP Thermal	6576	6582	7055	6761
CPP / IPP Gas	0	0	0	0
SOLAR	2071	2322	0	0
Exchange with Mumbai	-1580	-1572	-1294	-1373
MSEDCL DEMAND MET	23338	22686	21173	20201
Load Shedding	0	0	0	0
MSEDCL DEMAND	23338	22686	21173	20201
TPCL GENERATION	494	617	759	672
AEML GENERATION	401	349	462	341
MUMBAI DEMAND	2475	2538	2515	2386
OTHER DISCOM DEMAND	433	458	471	430
STATE DEMAND MET	26246	25682	24159	23017
STATE DEMAND	26246	25682	24159	23017
Frequency (Hz)	49.97	50.01	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.43 Hz at 06.03 Hrs	49.79 Hz at 15.46 Hrs	50	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 17/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.47	61.55	190	0
Unit 8	14.10	226.30	658	148
Unit 9	13.50	143.06	619	490
Unit 10	4.89	189.91	464	0
Total	34.96	620.82		
Bhusawal				
Unit 3	3.09	58.38	135	125
Unit 4	9.80	170.00	455	290
Unit 5	10.24	109.17	500	290
Total	23.12	337.54		
Parli				
Unit 6	3.54	68.83	158	142
Unit 7	3.55	67.31	158	134
Unit 8	3.56	48.12	170	143
Total	10.65	184.26		
Chandrapur				
Unit 3	3.16	55.18	153	120
Unit 4	3.24	46.92	172	117
Unit 5	7.46	141.52	430	270
Unit 6	7.41	141.84	410	275
Unit 7	7.09	140.64	322	285
Unit 8	9.80	158.62	420	380
Unit 9	10.77	166.02	496	339
Total	48.93	850.74		
Paras				
Unit 3	5.29	93.42	241	160
Unit 4	5.40	96.35	244	151
Total	10.69	189.77		
Khaparkheda				
Unit 1	3.87	62.78	180	125
Unit 2	4.43	66.66	199	171
Unit 3	4.05	64.55	176	153
Unit 4	4.38	67.86	193	170
Unit 5	11.78	174.68	500	470
Total	28.50	436.52		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.25	61.07	177	124
Unit 5	3.11	50.48	146	120
Total	6.36	111.55		
Uran				
All Units	7.07	114.04	305	277
Total	7.07	114.04		
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)	0.09	1.58	33	0
Total	0.09	1.58		
Koyna				
Stage 1-2	1.37	31.68	185	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	26.55	0	0
Stage 3	0.26	12.99	80	0
Total	1.63	71.21		
Hydro				
KDPH	0.86	14.69	36	36
VTRNA	0.65	11.11	61	0
TILLARI	0.51	8.26	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.86	44.61	128	112
GHATGHAR	0.00	4.26	0	0
Total	4.87	82.93		
Wind				
Total	14.59	223.24	0	0
Total	14.59	223.24		
CPP				
APML(Mus)	64.86	1020.66	0	0
JSWEL(Mus)	26.22	449.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.42	489.37	0	0
SWPGPL-Mus	12.00	198.28	0	0
Dhariwal	0.00	0.00	0	0
IEPL	4.98	100.74	216	187
Other(Mus)	31.12	596.78	0	0
JPL	4.08	72.47	189	164
Total	168.68	2927.89		
SOLAR				
Total	15.90	292.85	0	0
Total	15.90	292.85		
Tata				
Trombay 5	6.76	120.68	346	262
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	37.00	108	40
Trombay 7B	1.21	23.69	65	35
TATA Hydro	1.80	66.75	186	15
Trombay 8	3.45	63.12	173	128
Total	15.01	311.25		
AEML				
DTPS U-1&2	9.18	152.20	496	300
Total	9.18	152.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.21	2731.19	MSPGCL Total	176.78	2999.37
			MSPGCL Thml+Gas	170.27	2845.23	Koyna 1,2 & 4 Total	1.37	58.22
			MSPGCL Hydro	6.51	154.14	State Total	400.14	6906.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	6788	189	302	7279	716	7604	0	0	7399	7429	-1159	21459	0	0	21459	2279	410	24148	50.02
2	7002	189	302	7493	719	7573	0	0	7361	7517	-1069	21848	0	0	21848	2150	385	24383	50.01
3	7285	193	302	7780	613	7553	0	0	7597	7197	-1119	21671	0	0	21671	2022	353	24046	49.99
4	7098	193	303	7594	544	7430	0	0	7714	7516	-1054	21690	0	0	21690	1946	340	23976	49.96
5	7216	188	304	7708	449	7532	0	0	7908	7667	-1032	21962	0	0	21962	1932	362	24256	49.99
6	7164	199	305	7668	646	7384	0	0	8479	8104	-990	22440	0	0	22440	2000	372	24812	50.04
7	7357	263	305	7925	414	7567	0	22	8276	8174	-1080	22612	0	9	22612	2041	410	25063	50.08
8	7161	309	305	7775	240	7519	0	335	8096	8074	-1148	22356	0	3	22356	2088	439	24883	50.06
9	6934	349	301	7584	219	7226	0	989	8205	8100	-1296	22375	0	0	22375	2215	447	25037	50.04
10	7045	307	300	7652	299	6796	0	1477	8909	8256	-1381	22652	0	0	22652	2360	447	25459	49.99
11	6680	259	289	7228	216	6576	0	2071	9608	9260	-1580	23338	0	2	23338	2475	433	26246	49.97
12	6722	255	286	7263	130	6687	0	2237	8785	8970	-1650	23183	0	5	23183	2526	454	26163	50.00
13	6651	260	283	7194	179	6582	0	2322	8563	8439	-1572	22686	0	6	22686	2538	458	25682	50.01
14	6216	266	281	6763	263	6504	0	2136	8544	8246	-1515	21974	0	4	21974	2458	423	24855	50.04
15	6125	265	277	6667	369	6548	0	1851	8886	8385	-1482	21909	0	3	21909	2417	429	24755	49.96
16	6250	355	283	6888	406	6619	0	1356	8916	8753	-1450	22121	0	1	22121	2389	451	24961	49.91
17	6937	275	283	7495	520	6767	0	798	8475	8199	-1317	21998	0	0	21998	2383	464	24845	50.01
18	6914	324	287	7525	680	6917	0	291	8127	7583	-1286	21228	0	0	21228	2369	482	24079	50.05
19	6865	325	289	7479	786	7266	0	14	7465	6967	-1296	20743	0	0	20743	2400	473	23616	50.06
20	6799	333	293	7425	1137	7055	0	0	7488	7321	-1294	21173	0	0	21173	2515	471	24159	49.99
21	6218	339	295	6852	1297	6717	0	0	7237	7057	-1322	20142	0	0	20142	2522	459	23123	49.98
22	6451	380	296	7127	1386	6749	0	0	6518	6631	-1332	20119	0	0	20119	2488	442	23049	49.97
23	6662	284	296	7242	1255	6748	0	0	6791	6749	-1345	20204	0	0	20204	2432	445	23081	49.98
24	6666	209	299	7174	1107	6761	0	0	7169	6962	-1373	20201	0	0	20201	2386	430	23017	49.99
MUs	163.21	6.51	7.07	176.78	14.59	168.68	0.00	15.90	192.52	187.56	-31.14	522.08	0.00	0.03	522.08	55.33	10.28	587.69	50.00

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 132kV BBLR - Rahuri Line Over Load

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Mar/2024

Position as on 6.30 Hrs of 18/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	10/04/2024
MSPGCL	Nasik Unit 3	210	18/01/2024	16:56	18/03/2024	01:48	Tolling (Converted to Planned outage on dt 02.02.2024 for boiler & allied work.)	17/03/2024
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	Ghatghar Unit-1	125	11/03/2024	18:40		Continued.	GM Link Fault	18/03/2024
MSPGCL	Uran Unit 6	108	12/03/2024	20:15		Continued.	For open cycle No schedule from MSEDCL.	
MSPGCL	Ghatghar Unit-2	125	14/03/2024	18:15		Continued.	GM Link Fault	18/03/2024
MSPGCL	Koradi Unit 6	210	15/03/2024	00:00	17/03/2024	06:17	Boiler Tube Leakage	18/03/2024
MSPGCL	Koradi Unit-10	660	17/03/2024	11:05		Continued.	Boiler Tube Leakage	20/03/2024
Total Capacity MSPGCL		1348						
IPP								
IPP	RPL(AMT) U-5	270	11/03/2024	03:00		Continued.	Air heater problem	18/03/2024
Total Capacity IPP		270						
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		1938						
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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Mar/2024

Position as on 6.30 Hrs of 18/Mar/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 17/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
AKOLA II - EKTUNI CKT - 2	IntraState	17/03/2024	11:15	17/03/2024	20:27	PO	Changeover of R phase Reactor with Y ph (765 KV Akola -Ektuni Line-02 reactor) for Cable replacement of mechanical protection and CTs for Y ph (Akola - Ektuni line-02 Reactor) at Ektuni.
AKOLA II - EKTUNI CKT - 2	IntraState	17/03/2024	11:15	17/03/2024	20:27	PO	Testing Work
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-1 @ KORADI 3	IntraState	18/03/2024	09:36			PO	Annual Maintenance of ICT at Koradi-III SS.
500 KV LR Outages/Trippings							
Pole-2 Non base AC filter Z3 (120 MVAR) @ PADGHE HVDC	IntraState	18/03/2024	07:14	18/03/2024	08:51	T	Unbalance level-3 B-ph trip alarm
400 KV TIEBAY Outages/Trippings							
TIE BAY - 417 OF IEPL @ KORADI-2	IntraState	17/03/2024	12:19			PO	Overhauling of Circuit breaker
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
WARORA - IEPL	IntraState	17/03/2024	19:19	17/03/2024	21:09	T	Tripped on distance protection
WARORA - IEPL	IntraState	17/03/2024	19:19	17/03/2024	21:09	T	AT W E= R PH-E, IF=4.75KA, D=79.50KM, AT IEPL= R PH, 4.5KA, 74.27KM
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 MAINBAY Outages/Trippings							
220KV TATA Motors bay 2 (EHV Consumer Bay) TELCO-220 KV	IntraState	17/03/2024	07:35	17/03/2024	13:48	PO	Maintenanace work at 220KV Tata Motors yard.
220 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 18/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
PADGHE - NALASOPARA - VASAI (T)	IntraState	17/03/2024	05:21	17/03/2024	15:25	PO	In r/o work of shifting /diversion of existing 220kV D/C Padghe-Nalasopara- Vasai tap line between loc.no. 57to 59 & 61 to 62 for M/s Rajprabha Developers Pvt. Ltd following work is proposed on 17.03.2024: 1) On 220kV Padgha-Nalasopara -Vasai Tap line Bunchng work will be done to 220kV Vasai-Nalasopara link line at Loc no. 55. 2) Jumper will be opened at Loc no. 56 & 63 of 220kV Padgha-Nalasopara-Vasai Tap Line. 3) Erection of Towrs (2nos.) 4) Cut-point formation over newly erected monopole at Loc no. 58 & 58B will be carried out and also related tower conductor de-stringing & stringing work will be carried out of one side ckt. 5) After bunching & jumper open at said locations, the line orientation will be changed i.e 220kV Nalasopara-Vasai-Padghe Tap line and load of 220kV Vasai & Nagothane S/stn will be fed from 400/220kV Padghe S/stn through bunching arrangement at Loc no. 55 and this line will be charged at 12:00 pm on same day 17.03.2024 & will be in service for 3 days continuously from 17.03.2024 to 19.03.2024. 6) After charging 220kV Padgha-Nalasopara-Vasai Tap line will be dead between loc no. 56 to 63 for 03 days continuously from 17.03.2024 to 19.03.2024.
SALSETTE BORIVLI - 2	IntraState	17/03/2024	09:45	17/03/2024	11:08	PO	CLOSER INSPECTION
MAIN BUS - 1 @ BOISAR II	IntraState	17/03/2024	10:46	17/03/2024	18:26	PO	220kV A-Bus Isolator R/M Works.
KANDALGAON - PIRANGUT	IntraState	17/03/2024	12:05	17/03/2024	18:10	PO	1) For fixing of conductor Vibration dampers. 2) Cold line cleaning of insulators.
TILLARI - AMONA LINE	IntraState	18/03/2024	06:05	18/03/2024	07:47	T	Distance protection
KARAD - VITA CKT- 1	IntraState	18/03/2024	08:19			PO	Replacement Work of old disc insulator by long rod insulators at various locations.
220 KV ICT Outages/Trippings							
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
132 KV LINE Outages/Trippings							
MANSAR-PENCH	InterState	17/03/2024	19:31			T	Tripped on distance protection
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
TROMBAY CARNAC 1 / 3	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
TROMBAY PAREL 3 / CARNAC 2	IntraState	17/02/2024	10:35			PO	Project work for replacement of cable section
110 KV BUSBAR Outages/Trippings							
ZONE 1 (BUS SECTION 1& 2) @ KHOPOLI	IntraState	17/03/2024	01:35	17/03/2024	04:02	PO	110 KV DT 5 Bkr Main bus side jumper removal for facilitating breaker O/H

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