

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Mar/2024 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	168.613	2899.806	1) Gujrat	2.631	87.232
2) Hydro	7.444	161.586	2) Madhya Pradesh	9.842	224.562
3) Gas	7.047	121.083	3) Chattisgarh	4.860	77.630
Total MSPGCL	183.104	3182.475	4) Maharashtra	174.366	3125.499
B) 1) APMIL	67.973	1088.636	5) Goa (Amona)	-1.501	-32.843
2) JSWEL	27.082	476.668	Total	190.198	3482.080
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.348	524.070
4) RPL(AMT)	25.560	514.928	b) Mumbai Drawl	35.845	590.408
5) SWPGPL	12.342	210.624	c) MSEDCL Bilateral *	91.607	1779.878
6) Other IPP	39.483	809.475	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.348	524.070
C) 1) TPCL Thermal	10.774	194.582	Include PX	0.000	0.000
2) TPCL Hydro	5.205	71.959	Standby	0.000	0.000
3) TPCL Gas	2.996	63.687	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.785	161.982	1) MSEDCL	533.001	9542.062
D) STATE			2) Mumbai Discoms	64.605	1082.613
1) Thermal	361.612	6356.701	3) Other Discoms	10.738	193.697
(A1+C1+C4+(B1-B6))			TOTAL STATE	608.344	10818.372
2) Hydro	12.649	233.545			
3) Gas	10.043	184.770			
4) Wind	17.495	240.739			
6) SOLAR	16.347	309.197			
TOTAL STATE	418.146	7324.952			

* 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 3 Hrs
MSPGCL Thermal	7030	6984	7683	6660
MSPGCL Hydro	501	301	460	205
MSPGCL Gas	288	283	293	302
MSPGCL Total Generation	7819	7568	8436	7167
Central Sector Receipt	9232	8920	7741	6909
WIND	306	384	736	1005
CPP / IPP Thermal	6860	6827	7653	6724
CPP / IPP Gas	0	0	0	0
SOLAR	2250	2218	0	0
Exchange with Mumbai	-2027	-2079	-1353	-1111
MSEDCL DEMAND MET	23955	23352	22708	20358
Load Shedding	0	0	0	0
MSEDCL DEMAND	23955	23352	22708	20358
TPCL GENERATION	767	824	1152	584
AEML GENERATION	481	319	457	303
MUMBAI DEMAND	3275	3222	2962	1998
OTHER DISCOM DEMAND	485	486	505	336
STATE DEMAND MET	27715	27060	26175	22692
STATE DEMAND	27715	27060	26175	22692
Frequency (Hz)	50.00	50.00	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 07.54 Hrs	49.78 Hz at 22.18 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 18/Mar/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.59	66.14	195	185
Unit 8	14.82	241.12	660	559
Unit 9	14.12	157.18	619	544
Unit 10	0.00	189.91	0	0
Total	33.53	654.35		
Bhusawal				
Unit 3	3.22	61.60	180	120
Unit 4	10.60	180.59	460	325
Unit 5	11.11	120.28	500	320
Total	24.93	362.47		
Parli				
Unit 6	3.77	72.60	241	143
Unit 7	3.73	71.04	230	137
Unit 8	3.83	51.95	247	141
Total	11.33	195.58		
Chandrapur				
Unit 3	3.29	58.47	156	124
Unit 4	3.40	50.32	173	119
Unit 5	7.78	149.30	435	273
Unit 6	7.78	149.62	420	276
Unit 7	7.52	148.16	393	285
Unit 8	9.91	168.52	420	382
Unit 9	11.28	177.30	492	437
Total	50.96	901.70		
Paras				
Unit 3	5.61	99.03	242	200
Unit 4	5.78	102.13	253	178
Total	11.39	201.16		
Khaparkheda				
Unit 1	3.68	66.45	185	120
Unit 2	4.08	70.74	198	95
Unit 3	3.84	68.39	175	131
Unit 4	4.20	72.06	186	151
Unit 5	11.91	186.59	500	485
Total	27.71	464.23		
Nasik				
Unit 3	2.67	2.67	154	0
Unit 4	3.13	64.20	162	118
Unit 5	2.98	53.46	130	118
Total	8.78	120.32		
Uran				
All Units	7.05	121.08	304	280
Total	7.05	121.08		
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	1.67	33	0
Total	0.09	1.67		
Koyna				
Stage 1-2	1.46	33.14	180	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.34	26.88	208	0
Stage 3	0.68	13.67	160	0
Total	2.48	73.70		
Hydro				
KDPH	0.86	15.55	36	36
VTRNA	0.75	11.86	61	0
TILLARI	0.48	8.74	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.87	47.48	125	115
GHATGHAR	0.00	4.26	0	0
Total	4.96	87.89		
Wind				
Total	17.50	240.74	0	0
Total	17.50	240.74		
CPP				
APML(Mus)	67.97	1088.64	0	0
JSWEL(Mus)	27.08	476.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.56	514.93	0	0
SWPGPL-Mus	12.34	210.62	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.01	105.75	217	202
Other(Mus)	30.59	627.36	0	0
JPL	3.89	76.36	221	149
Total	172.44	3100.33		
SOLAR				
Total	16.35	309.20	0	0
Total	16.35	309.20		
Tata				
Trombay 5	7.18	127.87	368	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.77	38.78	108	38
Trombay 7B	1.22	24.91	65	36
TATA Hydro	5.20	71.96	430	77
Trombay 8	3.59	66.71	203	131
Total	18.98	330.23		
AEML				
DTPS U-1&2	9.78	161.98	497	303
Total	9.78	161.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	168.61	2899.81	MSPGCL Total	183.10	3182.48
			MSPGCL Thml+Gas	175.66	3020.89	Koyna 1,2 & 4 Total	1.80	60.02
			MSPGCL Hydro	7.44	161.59	State Total	418.15	7324.95

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6673	203	301	7177	1253	6726	0	0	7049	6905	-1280	20394	0	0	20394	2283	387	23064	49.99
2	6711	196	301	7208	1184	6782	0	0	6960	6879	-1157	20540	0	0	20540	2119	356	23015	50.00
3	6660	205	302	7167	1005	6724	0	0	7017	6909	-1111	20358	0	0	20358	1998	336	22692	49.99
4	6714	193	303	7210	1024	6797	0	0	6908	6914	-1029	20581	0	0	20581	1931	335	22847	50.01
5	7061	199	303	7563	910	7323	0	0	6909	6763	-973	21229	0	0	21229	1942	357	23528	50.02
6	7354	194	304	7852	892	7593	0	0	7352	7044	-969	22038	0	0	22038	2064	374	24476	50.03
7	7656	290	298	8244	781	7657	0	23	7518	7277	-958	22610	0	0	22610	2240	414	25264	50.00
8	7272	422	297	7991	606	7595	0	343	7694	7722	-1072	22756	0	0	22756	2425	429	25610	50.07
9	6927	434	302	7663	421	7344	0	1005	8069	8385	-1446	22897	0	0	22897	2763	475	26135	50.04
10	6908	430	292	7630	339	7109	0	1621	8608	8688	-1757	23161	0	0	23161	3034	469	26664	49.97
11	6764	486	288	7538	242	6729	0	2032	9520	9666	-1988	23748	0	0	23748	3214	471	27433	50.00
12	7030	501	288	7819	306	6860	0	2250	9452	9232	-2027	23955	0	5	23955	3275	485	27715	50.00
13	6984	301	283	7568	384	6827	0	2218	9320	8920	-2079	23352	0	8	23352	3222	486	27060	50.00
14	6741	276	280	7297	405	6707	0	2207	9325	8697	-1998	22834	0	5	22834	3063	481	26378	50.03
15	6534	396	282	7212	426	6654	0	1939	9464	9352	-2055	23041	0	6	23041	3081	487	26609	49.97
16	7086	262	284	7632	503	7137	0	1410	9418	8980	-2006	23155	0	4	23155	3131	501	26787	49.92
17	7139	257	284	7680	507	7519	0	915	8944	8600	-1840	22863	0	9	22863	3126	518	26507	50.00
18	7294	323	287	7904	585	7478	0	362	8404	8321	-1674	22466	0	4	22466	3052	510	26028	50.01
19	7596	385	289	8270	590	7555	0	22	7526	7404	-1492	21840	0	0	21840	2973	509	25322	50.00
20	7683	460	293	8436	736	7653	0	0	7876	7741	-1353	22708	0	0	22708	2962	505	26175	50.02
21	7163	328	293	7784	1020	7490	0	0	7559	7301	-1381	21734	0	0	21734	2835	480	25049	50.01
22	6913	267	294	7474	1105	7529	0	0	7197	7278	-1379	21518	0	0	21518	2712	489	24719	49.99
23	6871	245	298	7414	1128	7263	0	0	7449	7612	-1387	21589	0	0	21589	2618	441	24648	49.92
24	6879	191	301	7371	1143	7389	0	0	7491	7608	-1434	21636	0	0	21636	2542	441	24619	49.94
MUs	168.61	7.44	7.05	183.10	17.49	172.44	0.00	16.35	193.03	190.20	-35.84	533.00	0.00	0.04	533.00	64.60	10.74	608.34	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 :-

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 18/Mar/2024

Position as on 6.30 Hrs of 19/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	20/03/2024
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	20/03/2024
MSPGCL	Koradi Unit-10	660	17/03/2024	11:05		Continued.	Boiler Tube Leakage	20/03/2024
Total Capacity MSPGCL		1138						
IPP								
IPP	RPL(AMT) U-5	270	11/03/2024	03:00		Continued.	Air heater problem	23/03/2024
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		1728						
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						

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Mar/2024

Position as on 6.30 Hrs of 19/Mar/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Total Capacity	FORCED OUTAGE DUE TO NO PPA	988						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT-1 @ KORADI 3	IntraState	18/03/2024	09:36	19/03/2024	00:50	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
TIE BAY (406) OF AURANGABAD (PG) - 2 & ICT - 2	IntraState	18/03/2024	13:02	18/03/2024	20:22		for Diagnostic work of ICT-02 & Protection Trials
400 KV TBC Outages/Trippings							
TBC @ LONIKAND	IntraState	18/03/2024	14:00	18/03/2024	17:43	PO	DT Work & Bay Maintenance
400 KV MAINBAY Outages/Trippings							
MAIN BAY (405) OF 315 MVA ICT - 2 @ AKOLA	IntraState	18/03/2024	13:01	18/03/2024	20:21		for Diagnostic work of ICT-02 & Protection Trials
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
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.
400/220/33 KV 315 MVA ICT - 1 @ PARLI	IntraState	19/03/2024	09:57			PO	Commissioning of new 220 IV side CGL make circuit breaker. At present the ICT is in service through 220 kV TBC 1. After erection, commissioning & testing of own IV CB, ICT will be charged through own CB.
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							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2024

Statement-VII

Position as on 6.30 Hrs of 19/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
BUTIBORI I - INDORAMA CKT	IntraState	17/03/2024	20:58	18/03/2024	01:41	HT	B= R PH DIFF PRTN OPTD 17.01 KA.
TILLARI - AMONA LINE	IntraState	18/03/2024	06:05	18/03/2024	07:47	T	Distance protection
KANHAN-UMRED 1	IntraState	18/03/2024	08:08	18/03/2024	18:01	HT	Re stringing work.
KARAD - VITA CKT- 1	IntraState	18/03/2024	08:19	18/03/2024	19:07	PO	Replacement Work of old disc insulator by long rod insulators at various locations.
MUMEWADI -HALKARNI 2 LINE	IntraState	18/03/2024	10:24	18/03/2024	17:44	PO	Quarterly Maintenance
TALANDGE - MUDSHINGI CKT - 2	IntraState	18/03/2024	12:01	18/03/2024	17:58	PO	Quarterly maintenance work.
URAN - APTA 3	IntraState	18/03/2024	12:28	18/03/2024	17:19	PO	For Relay testing and Diagnostic testing work at Uran end
BABLESHWAR AHAMADNAGAR-II	IntraState	19/03/2024	06:05	19/03/2024	07:21	T	Tripped on distance protection
KARAD - VITA CKT- 1	IntraState	19/03/2024	08:09			PO	Replacement Work of old disc insulator by long rod insulators at various locations.
VITA - HIWARWADI	IntraState	19/03/2024	08:09			PO	Replacement Work of Old insulator disc by Long rod insulator 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
220/132KV 100MVA ICT -1 @ LONI DEOKAR	IntraState	18/03/2024	10:30	18/03/2024	13:50	PO	Outage for Diagnostic Testing work on ICT-1
220/100 KV 100 MVA ICT 2 @ KANDALGAON	IntraState	18/03/2024	10:40	18/03/2024	14:47	PO	Diagnostic testing work
220/100 KV 100 MVA ICT 1 @ TALOJA	IntraState	18/03/2024	13:54	18/03/2024	19:04	PO	Urgent Isolator Support Structure pole Replacement work of 220kV side isolator.
220/132KV 100MVA ICT -2 @ LONI DEOKAR	IntraState	18/03/2024	13:55	18/03/2024	15:45	PO	Outage for Diagnostic Testing work on ICT-2
132 KV LINE Outages/Trippings							
MANSAR-PENCH	InterState	17/03/2024	19:31	18/03/2024	13:16	T	Tripped on distance protection
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.

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