

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	180.423	180.423	1) Gujrat	5.754	5.754
2) Hydro	8.172	8.172	2) Madhya Pradesh	11.384	11.384
3) Gas	6.867	6.867	3) Chattisgarh	3.800	3.800
Total MSPGCL	195.462	195.462	4) Maharashtra	174.828	174.828
B) 1) APLM	70.669	70.669	5) Goa (Amona)	-2.806	-2.806
2) JSWEL	21.646	21.646	Total	192.960	192.960
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.170	31.170
4) RPL(AMT)	31.247	31.247	b) Mumbai Drawl	40.910	40.910
5) SWPGPL	12.206	12.206			
6) Other IPP	30.773	30.773	c) MSEDCL Bilateral *	81.596	81.596
7) PGPL	0.000	0.000	Include PX	0.000	0.000
C) 1) TPCL Thermal	11.063	11.063	d) Mumbai Bilateral *	31.170	31.170
2) TPCL Hydro	4.582	4.582	Include PX	0.000	0.000
3) TPCL Gas	4.105	4.105	Standby	0.000	0.000
4) AEML Thermal	10.484	10.484			
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C4+(B1-B6))	368.511	368.511	1) MSEDCL	531.553	531.553
2) Hydro (A2+C2)	12.754	12.754	2) Mumbai Discoms	71.144	71.144
3) Gas (A3+B7+C3)	10.972	10.972	3) Other Discoms	11.054	11.054
4) Wind	12.105	12.105			
6) SOLAR	16.449	16.449	TOTAL STATE	613.751	613.751
TOTAL STATE	420.791	420.791			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7431	7363	7949	7503
MSPGCL Hydro	251	321	754	187
MSPGCL Gas	281	277	285	293
MSPGCL Total Generation	7963	7961	8988	7983
Central Sector Receipt	8938	9020	7871	7114
WIND	247	452	585	757
CPP / IPP Thermal	6327	7021	7250	7183
CPP / IPP Gas	0	0	0	0
SOLAR	2036	1468	0	0
Exchange with Mumbai	-2068	-2205	-1677	-1320
MSEDCL DEMAND MET	22948	23209	22509	21365
Load Shedding	0	0	0	0
MSEDCL DEMAND	22948	23209	22509	21365
TPCL GENERATION	840	812	1010	616
AEML GENERATION	502	500	445	301
MUMBAI DEMAND	3410	3517	3132	2237
OTHER DISCOM DEMAND	495	508	508	352
STATE DEMAND MET	26853	27234	26149	23954
STATE DEMAND	26853	27234	26149	23954
Frequency (Hz)	50.02	49.89	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.29 Hz at 07.59 Hrs	49.78 Hz at 22.11 Hrs	50.01	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/Apr/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 8	14.36	14.36	635	530
Unit 9	13.84	13.84	606	500
Unit 10	14.15	14.15	640	538
Total	42.35	42.35		
Bhusawal				
Unit 3	3.42	3.42	175	120
Unit 4	10.18	10.18	500	305
Unit 5	10.24	10.24	480	290
Total	23.84	23.84		
Parli				
Unit 6	3.94	3.94	234	143
Unit 7	4.02	4.02	227	144
Unit 8	4.27	4.27	233	146
Total	12.23	12.23		
Chandrapur				
Unit 3	3.24	3.24	151	120
Unit 4	3.57	3.57	170	115
Unit 5	8.52	8.52	435	275
Unit 6	8.58	8.58	440	185
Unit 7	8.78	8.78	448	281
Unit 8	9.90	9.90	425	340
Unit 9	11.21	11.21	497	400
Total	53.80	53.80		
Paras				
Unit 3	5.28	5.28	243	149
Unit 4	5.22	5.22	247	163
Total	10.50	10.50		
Khaparkheda				
Unit 1	3.92	3.92	175	125
Unit 2	4.13	4.13	193	161
Unit 3	3.92	3.92	176	138
Unit 4	4.30	4.30	187	172
Unit 5	11.48	11.48	485	430
Total	27.75	27.75		
Nasik				
Unit 3	3.53	3.53	177	119
Unit 4	3.61	3.61	180	124
Unit 5	2.81	2.81	154	50
Total	9.96	9.96		
Uran				
All Units	6.87	6.87	296	272
Total	6.87	6.87		
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)	0.04	0.04	24	0
Total	0.04	0.04		
Koyna				
Stage 1-2	2.18	2.18	325	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.57	0.57	263	0
Stage 3	0.63	0.63	160	0
Total	3.39	3.39		
Hydro				
KDPH	0.86	0.86	36	36
VTRNA	0.79	0.79	61	0
TILLARI	0.51	0.51	64	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.60	2.60	112	97
GHATGHAR	0.01	0.01	9	0
Total	4.78	4.78		
Wind				
Total	12.10	12.10	0	0
Total	12.10	12.10		
CPP				
APML(Mus)	70.67	70.67	0	0
JSWEL(Mus)	21.65	21.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.25	31.25	0	0
SWPGPL-Mus	12.21	12.21	0	0
Dhariwal	0.00	0.00	0	0
IEPL	6.08	6.08	270	246
Other(Mus)	19.50	19.50	0	0
JPL	5.20	5.20	269	201
Total	166.54	166.54		
SOLAR				
Total	16.45	16.45	0	0
Total	16.45	16.45		
Tata				
Trombay 5	7.16	7.16	410	256
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.57	2.57	108	83
Trombay 7B	1.54	1.54	65	57
TATA Hydro	4.58	4.58	413	29
Trombay 8	3.91	3.91	226	128
Total	19.75	19.75		
AEML				
DTPS U-1&2	10.48	10.48	502	301
Total	10.48	10.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	180.42	180.42	MSPGCL Total	195.46	195.46
			MSPGCL Thml+Gas	187.29	187.29	Koyna 1,2 & 4 Total	2.76	2.76
			MSPGCL Hydro	8.17	8.17	State Total	420.79	420.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Apr/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	7745	213	291	8249	600	7259	0	0	7634	7397	-1460	21624	0	0	21624	2686	421	24731	49.97
2	8004	188	291	8483	656	7202	0	0	7545	7145	-1378	21726	0	0	21726	2508	382	24616	49.99
3	7699	192	292	8183	743	7151	0	0	7563	6951	-1374	21290	0	0	21290	2352	364	24006	49.97
4	7503	187	293	7983	757	7183	0	0	7305	7114	-1320	21365	0	0	21365	2237	352	23954	49.98
5	7635	263	294	8192	714	7179	0	0	6977	7179	-1288	21601	0	0	21601	2217	375	24193	49.96
6	7565	614	294	8473	619	7170	0	0	7442	7638	-1179	22333	0	0	22333	2320	388	25041	49.96
7	7736	398	296	8430	549	7136	0	46	8234	8117	-1328	22522	0	0	22522	2406	428	25356	50.03
8	7592	296	290	8178	380	7065	0	408	8349	7600	-1503	21675	0	0	21675	2547	453	24675	50.16
9	6982	255	290	7527	271	6772	0	1026	8439	8095	-1708	21493	0	0	21493	2859	490	24842	50.07
10	6762	554	290	7606	219	6313	0	1602	8429	8641	-2014	21860	0	0	21860	3179	507	25546	50.04
11	7431	251	281	7963	247	6327	0	2036	8899	8938	-2068	22948	0	3	22948	3410	495	26853	50.02
12	7184	252	278	7714	138	6299	0	2232	9395	9118	-2208	22791	0	12	22791	3518	502	26811	50.12
13	6704	251	272	7227	157	6290	0	2266	9225	9248	-2088	22606	0	8	22606	3540	494	26640	50.09
14	6783	255	274	7312	209	6306	0	2170	9013	9113	-2300	22337	0	7	22337	3441	473	26251	50.09
15	7113	249	275	7637	290	6463	0	1904	9306	9272	-2306	22775	0	5	22775	3491	485	26751	49.97
16	7363	321	277	7961	452	7021	0	1468	9369	9020	-2205	23209	0	0	23209	3517	508	27234	49.89
17	7699	254	278	8231	560	7127	0	913	9092	8869	-2073	23123	0	4	23123	3464	504	27091	49.96
18	7520	577	280	8377	532	6917	0	357	8747	8125	-1836	21948	0	19	21948	3336	524	25808	49.96
19	7560	433	286	8279	564	7037	0	21	7779	7919	-1689	21614	0	0	21614	3174	517	25305	50.02
20	7949	754	285	8988	585	7250	0	0	7679	7871	-1677	22509	0	0	22509	3132	508	26149	50.02
21	8024	484	287	8795	726	7221	0	0	7624	7451	-1664	22032	0	0	22032	3044	497	25573	49.99
22	7949	314	290	8553	652	7227	0	0	7505	7141	-1481	21617	0	0	21617	2943	475	25035	49.96
23	7980	344	291	8615	684	7297	0	0	7259	7352	-1398	22084	0	0	22084	2913	466	25463	49.94
24	7941	273	292	8506	801	7329	0	0	7512	7646	-1365	22471	0	0	22471	2910	446	25827	50.01
MUs	180.42	8.17	6.87	195.46	12.11	166.54	0.00	16.45	196.32	192.96	-40.91	531.55	0.00	0.06	531.55	71.14	11.05	613.75	50.01

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)132 kV BBLR to Rahuri line overload 488 Amp /104 MW

2)Due to overloading of 400 kV Chakan-Talegaon line DLS carried out in Pune zone

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

Position as on 6.30 Hrs of 02/Apr/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.	05/04/2024
MSPGCL	Koyna Unit 11	80	10/07/2023	09:40		Continued.	Capital Overhaul	10/04/2024
Total Capacity MSPGCL		188						
Total Capacity PLANNED OUTAGE		188						
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	01/04/2024	21:00	GM Link Fault	02/04/2024
MSPGCL	Uran Unit 6	108	29/03/2024	20:16		Continued.	For open cycle No schedule from MSEDCL.	
MSPGCL	Koradi Unit 6	210	31/03/2024	01:55	02/04/2024	05:11	Boiler Tube Leakage	02/04/2024
Total Capacity MSPGCL		563						
IPP								
IPP	JSW (J) U1	300	24/03/2024	00:06		Continued.	CW duct leakage.	02/04/2024
Total Capacity IPP		300						
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.	31/08/2024
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.	30/09/2024
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		1183						
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/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 02/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	02/04/2024	00:51	02/04/2024	04:52	PO	Mumbai Urja Marg Limited has proposed overhead crossing of 400kV Padghe (PG)-Kharghar D/C (Quad) line crossing 500kV Padghe-Chandrapur HVDC bipole line at loc 1946- 1947, HVDC bipole outage is required to pass Pilot rope manually, required for conductor stringing. Thereafter work of conductor stringing will be done on a daily basis with the help of already laid pilot rope. The work of conductor stringing will be carried out by Hot-line method in live line condition. During this work, permit to work in live line is to be issued on 500kV Padghe-Chandrapur HVDC bipole line during pulling of conductor at crossing.
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	02/04/2024	01:10	02/04/2024	04:18	PO	Mumbai Urja Marg Limited has proposed overhead crossing of 400kV Padghe (PG)-Kharghar D/C (Quad) line crossing 500kV Padghe-Chandrapur HVDC bipole line at loc 1946- 1947, HVDC bipole outage is required to pass Pilot rope manually, required for conductor stringing. Thereafter work of conductor stringing will be done on a daily basis with the help of already laid pilot rope. The work of conductor stringing will be carried out by Hot-line method in live line condition. During this work, permit to work in live line is to be issued on 500kV Padghe-Chandrapur HVDC bipole line during the pulling of the conductor at the crossing.
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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	28/03/2024	23:52			HT	For load management of Talegaon Chakan line
LONIKAND - JEJURI CKT - 2	IntraState	01/04/2024	15:37	01/04/2024	17:36	T	Tripped on distance protection
LONIKAND I - KOYNA STAGE-IV	IntraState	01/04/2024	16:55	01/04/2024	17:36	T	Tripped on distance protection
JEJURI- KOYNA STAGE-IV	IntraState	01/04/2024	17:02	01/04/2024	17:54	T	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 - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400220kV 167MVA SPARE ICT @ DEEPNAGAR	IntraState	01/04/2024	18:22	01/04/2024	19:15	PO	400KV SPARE ICT UNIT FREQUENTLY ALARM APPEARS FOR CTR NITROGEN CYLINDER PRESSURE GOES BELOW 100KGCM2
400/220/20 KV 100 MVA SPARE BHEL ICT @ KORADI	IntraState	02/04/2024	23:21	02/04/2024	00:48	HT	Emergency H/T due to heavy spaking observed at the jaw of Isolator.
220 KV LINE Outages/Trippings							

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

Statement-VII

Position as on 6.30 Hrs of 02/Apr/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.
ALEPHATA-PARGAON(KATHAPUR)	IntraState	16/03/2024	01:34			HT	Hand Tripped
220 KV CHANDRAPUR GCR (400 KV) - WANI CKT	IntraState	01/04/2024	08:12	01/04/2024	16:27	PO	FOR FIXING OF BIRD DIVERTER ON CONDUCTOR BY AGENCY M/S. TRAFOTECH SYSTEM PVT. LTD. MUMBAI.
KHAREPATAN -PAWAS LINE	IntraState	01/04/2024	09:17	01/04/2024	13:18	PO	For carry out cold washing work of insulator strings in 220kV Bus Section I and Wave trap & CT gantry beam for 220kV Pawas Kharepatan line bay at 220kV Pawas S/s.
PAWAS - FINOLEX CKT - 2	IntraState	01/04/2024	09:37	01/04/2024	13:49	PO	For carry out cold washing work of insulator strings in 220kV Bus Section I and Wave trap & CT gantry beam for 220kV Pawas Kharepatan line bay at 220kV Pawas S/s.
220 KV AMRAVATI - KARANJA CKT	IntraState	01/04/2024	10:58	01/04/2024	18:56	PO	FOR CONVERSION OF SSN / DSN AT LOC NO 181 SSN--- SSN 182 (KARANJA-GAWANDI ROAD), 197 SSN-- SSN 198 (JUNAPANIKARANJA ROAD), 190 SSN-- SSN 191 (YENGAO-KARANJA ROAD), 185 SSN-- SSN 186 (KARANJA-UMARI ROAD) BY AGENCY M/S. CREATRONIX SYSTEM
TPC BORIVALI - AAREY	IntraState	01/04/2024	11:44	01/04/2024	16:34	T	Tripped on distance protection
ABHIJEET-WARDHA-1	IntraState	01/04/2024	12:52	01/04/2024	16:03	T	W = DIST PRTN B PH 8.6 KM Z1 7.86 KA
PAWAS - FINOLEX CKT - 1	IntraState	01/04/2024	14:11	01/04/2024	18:14	PO	For carry out cold washing work of insulator strings in 220kV Main Bus Section II and Isolator Routine Maintenance work at 220kV Pawas S/s.
NIWALI - PAWAS LINE	IntraState	01/04/2024	14:16	01/04/2024	18:26	PO	For carry out cold washing work of insulator strings in 220kV Main Bus Section II and Isolator Routine Maintenance work at 220kV Pawas S/s.
ALKUD - VITA	IntraState	01/04/2024	18:34	02/04/2024	01:25	PO	Polymer Insulator Replacement Work
BOISAR II - BOISAR (PG) CKT - 1	IntraState	02/04/2024	05:08			PO	Work of replacement of existing 0.4 ACSR Zebra Conductor and all its Hardware by equivalent CCC HTLS Conductor and suitable Hardware for 220kV Boisar - PGCIL (Dead Line). Outage required of 220kV PGCIL - Boisar Line No. 1 for safety purpose only.
BOISAR II - BOISAR (PG) CKT - 1	IntraState	02/04/2024	05:08			PO	AMP WORKS
220 KV ICT Outages/Trippings							

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

Statement-VII

Position as on 6.30 Hrs of 02/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 KV 50MVA PTR 2	IntraState	27/03/2024	10:27			HT	Overhauling of hv gis hybrid pass (abb make) at 220kV Jalna S/S
220 / 110 / 23kV 250 MVA ICT 3 @ SALSETTE	IntraState	01/04/2024	01:27	01/04/2024	02:17	PO	Oil top-up in OLTC conservator tank.
220/132 KV 100 MVA ICT 1 @ BALAPUR	IntraState	01/04/2024	09:05	01/04/2024	16:22	PO	FOR DIAGNOSTIC TESTING OF ICT BY MOBILE TESTING AND ISOLATOR MAINTENANCE WORK
220/33 KV 50 MVA CGL PTR 1 @ MUDSHINGI	IntraState	01/04/2024	10:36	01/04/2024	17:40	PO	Quarterly maint work & transformer painting work
220/100 KV 200 MVA ICT 3 @ APTA	IntraState	01/04/2024	10:38	01/04/2024	19:17	PO	1. CTR NIFPS reinstallation and preventive mainetenance work 2.Arresting of oil leakages from HV bushing and inspection window 3. Bay maintenance work
220/33KV 25MVA PTR 1 @ PAWAS	IntraState	01/04/2024	14:10	01/04/2024	18:37	PO	For carry out cold washing work of insulator strings in 220kV Main Bus Section II and Isolator Routine Maintenance work at 220kV Pawas S/s.
220/33KV 25MVA PTR 2 @ PAWAS	IntraState	01/04/2024	14:11	01/04/2024	18:38	PO	For carry out cold washing work of insulator strings in 220kV Main Bus Section II and Isolator Routine Maintenance work at 220kV Pawas S/s.
220/33KV 100 MVA TF 2 @ GHODBUNDER	IntraState	02/04/2024	01:51			T	Tripped on differential protection.
220/100 KV 200 MVA ICT 1 @ KOLSHET	IntraState	02/04/2024	07:10	02/04/2024	08:11	T	Tripped on PDR
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