

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	187.549	551.860	1) Gujrat	6.098	17.370
2) Hydro	11.506	31.247	2) Madhya Pradesh	10.868	33.133
3) Gas	3.599	17.393	3) Chattisgarh	3.080	10.640
Total MSPGCL	202.654	600.500	4) Maharashtra	180.113	532.480
B) 1) APLM	75.465	217.198	5) Goa (Amona)	-2.377	-8.253
2) JSWEL	21.568	62.924	Total	197.782	585.370
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.971	109.678
4) RPL(AMT)	31.656	94.340	b) Mumbai Drawl	38.518	118.616
5) SWPGPL	12.298	36.697	c) MSEDCL Bilateral *	92.570	262.745
6) Other IPP	31.024	93.216	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.971	109.678
C) 1) TPCL Thermal	12.564	36.204	Include PX	0.000	0.000
2) TPCL Hydro	4.280	13.062	Standby	0.000	0.000
3) TPCL Gas	4.067	12.250	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.367	32.898	1) MSEDCL	555.500	1630.952
D) STATE			2) Mumbai Discoms	70.796	213.030
1) Thermal	383.491	1125.337	3) Other Discoms	10.857	32.997
(A1+C1+C4+(B1-B6))			TOTAL STATE	637.153	1876.979
2) Hydro	15.786	44.309			
3) Gas	7.666	29.643			
4) Wind	16.324	42.622			
6) SOLAR	16.104	49.698			
TOTAL STATE	439.371	1291.609			

* 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	7513	7589	8064	8067
MSPGCL Hydro	487	610	1214	183
MSPGCL Gas	139	140	143	149
MSPGCL Total Generation	8139	8339	9421	8399
Central Sector Receipt	9285	9355	7796	7096
WIND	202	561	824	970
CPP / IPP Thermal	7093	7075	7254	7245
CPP / IPP Gas	0	0	0	0
SOLAR	1994	1392	0	0
Exchange with Mumbai	-2092	-1995	-1449	-1140
MSEDCL DEMAND MET	24131	24228	23346	22242
Load Shedding	0	0	0	0
MSEDCL DEMAND	24131	24228	23346	22242
TPCL GENERATION	807	1005	1215	646
AEML GENERATION	493	501	480	468
MUMBAI DEMAND	3392	3501	3144	2254
OTHER DISCOM DEMAND	490	499	500	328
STATE DEMAND MET	28013	28228	26990	24824
STATE DEMAND	28013	28228	26990	24824
Frequency (Hz)	50.03	49.89	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 18.02 Hrs	49.68 Hz at 15.21 Hrs	49.97	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/Apr/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.53	7.67	195	175
Unit 8	13.90	42.53	608	541
Unit 9	13.03	40.05	560	503
Unit 10	13.24	41.48	606	485
Total	44.70	131.73		
Bhusawal				
Unit 3	3.80	10.80	175	120
Unit 4	11.28	32.22	500	430
Unit 5	9.14	29.84	490	0
Total	24.22	72.86		
Parli				
Unit 6	5.04	13.40	250	135
Unit 7	5.01	13.44	248	140
Unit 8	5.20	14.11	250	146
Total	15.25	40.95		
Chandrapur				
Unit 3	3.44	10.11	157	115
Unit 4	3.88	11.16	170	129
Unit 5	9.00	26.35	425	280
Unit 6	9.44	26.82	450	280
Unit 7	10.68	28.83	470	326
Unit 8	10.08	29.68	425	412
Unit 9	11.70	33.29	499	442
Total	58.22	166.26		
Paras				
Unit 3	0.80	9.39	230	0
Unit 4	5.84	16.38	252	218
Total	6.64	25.77		
Khaparkheda				
Unit 1	3.90	11.77	170	145
Unit 2	3.76	12.00	187	123
Unit 3	4.13	12.13	178	160
Unit 4	4.24	12.73	186	161
Unit 5	10.96	33.51	490	415
Total	26.98	82.13		
Nasik				
Unit 3	3.94	11.12	179	133
Unit 4	3.98	11.29	176	130
Unit 5	3.63	9.74	165	120
Total	11.55	32.16		
Uran				
All Units	3.60	17.39	197	139
Total	3.60	17.39		
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)	0.24	0.45	35	0
Total	0.24	0.45		
Koyna				
Stage 1-2	2.74	7.84	425	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.75	4.80	445	0
Stage 3	1.36	2.98	240	0
Total	5.86	15.63		
Hydro				
KDPH	0.86	2.57	36	36
VTRNA	0.80	2.33	60	0
TILLARI	0.24	1.62	62	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.47	7.28	107	94
GHATGHAR	1.28	1.82	250	0
Total	5.65	15.62		
Wind				
Total	16.32	42.62	0	0
Total	16.32	42.62		
CPP				
APML(Mus)	75.46	217.20	0	0
JSWEL(Mus)	21.57	62.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.66	94.34	0	0
SWPGPL-Mus	12.30	36.70	0	0
Dhariwal	0.00	0.00	0	0
IEPL	6.18	18.47	269	243
Other(Mus)	19.18	58.36	0	0
JPL	5.66	16.39	270	208
Total	172.01	504.38		
SOLAR				
Total	16.10	49.70	0	0
Total	16.10	49.70		
Tata				
Trombay 5	8.22	23.53	462	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	7.66	108	84
Trombay 7B	1.53	4.60	65	58
TATA Hydro	4.28	13.06	428	57
Trombay 8	4.34	12.68	220	132
Total	20.91	61.52		
AEML				
DTPS U-1&2	11.37	32.90	502	389
Total	11.37	32.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	187.55	551.86	MSPGCL Total	202.65	600.50
			MSPGCL Thml+Gas	191.15	569.25	Koyna 1,2 & 4 Total	4.49	12.65
			MSPGCL Hydro	11.51	31.25	State Total	439.37	1291.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	8148	693	172	9013	741	7327	0	0	7092	7296	-1197	22762	0	0	22762	2761	418	25941	49.97
2	8103	212	148	8463	709	7280	0	0	7768	7868	-1234	22717	0	0	22717	2526	369	25612	49.96
3	8077	181	148	8406	927	7196	0	0	7649	7649	-1217	22627	0	0	22627	2359	334	25320	49.97
4	8067	183	149	8399	970	7245	0	0	7419	7096	-1140	22242	0	0	22242	2254	328	24824	49.98
5	7974	183	150	8307	964	7250	0	0	7587	7572	-1129	22610	0	0	22610	2209	354	25173	49.93
6	8063	248	151	8462	787	7277	0	0	7836	8178	-1185	23129	0	0	23129	2304	390	25823	49.97
7	8017	441	147	8605	839	7267	0	50	8247	8554	-1225	23664	0	0	23664	2420	426	26510	50.01
8	8052	459	145	8656	664	7158	0	436	7703	7876	-1412	22920	0	28	22920	2562	458	25940	50.04
9	7499	429	145	8073	481	7017	0	1003	7923	8056	-1741	22424	0	47	22424	2845	465	25734	49.96
10	7236	649	146	8031	380	7087	0	1583	8416	8718	-1957	23364	0	1	23364	3151	478	26993	49.98
11	7513	487	139	8139	202	7093	0	1994	9392	9285	-2092	24131	0	59	24131	3392	490	28013	50.03
12	7238	454	140	7832	165	7059	0	2204	9734	9420	-2179	23994	0	152	23994	3483	507	27984	49.98
13	7091	287	139	7517	179	7030	0	2246	9466	9200	-2178	23498	0	87	23498	3470	496	27464	49.99
14	6875	251	140	7266	287	6766	0	2111	9573	9457	-2140	23262	0	6	23262	3355	485	27102	49.97
15	7543	381	140	8064	377	7060	0	1885	9387	9143	-2071	23983	0	33	23983	3435	475	27893	49.85
16	7589	610	140	8339	561	7075	0	1392	9587	9355	-1995	24228	0	134	24228	3501	499	28228	49.89
17	7824	789	141	8754	673	7236	0	863	8924	8885	-1971	23936	0	169	23936	3462	504	27902	50.01
18	7960	487	142	8589	701	7150	0	315	9170	8874	-1976	23146	0	112	23146	3320	507	26973	50.02
19	7984	466	142	8592	758	7217	0	22	8299	8276	-1730	22615	0	2	22615	3168	520	26303	49.96
20	8064	1214	143	9421	824	7254	0	0	7887	7796	-1449	23346	0	0	23346	3144	500	26990	49.99
21	8102	657	154	8913	990	7230	0	0	7890	7614	-1517	22748	0	0	22748	3015	482	26245	50.01
22	8141	591	176	8908	1036	7212	0	0	7224	7031	-1338	22353	0	0	22353	2935	496	25784	49.94
23	8188	574	165	8927	1058	7235	0	0	7174	7238	-1220	22788	0	0	22788	2871	450	26109	49.96
24	8201	580	197	8978	1051	7290	0	0	7148	7345	-1225	23013	0	0	23013	2854	426	26293	49.99
MUs	187.55	11.51	3.60	202.65	16.32	172.01	0.00	16.10	198.49	197.78	-38.52	555.50	0.00	0.83	555.50	70.80	10.86	637.15	49.97

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 Over Load Alarm 488 Amp/104 MW

2)DLS carried out in Pune and Karad zone in order to control overloading of 400kV Chakan Talegaon line

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

Position as on 6.30 Hrs of 04/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	Uran Unit 6	108	29/03/2024	20:16		Continued.	Zero schedule (Due open cycle can be taken on bar as per MSEDCL requirement)	
MSPGCL	Paras Unit 3	250	02/04/2024	16:15	03/04/2024	18:36	Tripped on generator over voltage protection.	03/04/2024
MSPGCL	Uran Unit 8	108	03/04/2024	00:25		Continued.	Filter Replacement	03/04/2024
MSPGCL	Bhusawal Unit 5	500	03/04/2024	08:56	03/04/2024	12:17	Electrical Problem	
MSPGCL	Paras Unit 3	250	04/04/2024	06:50		Continued.	Furnace Pressure High	
Total Capacity MSPGCL		1336						
IPP								
IPP	JSW (J) U1	300	24/03/2024	00:06		Continued.	CW duct leakage.	06/04/2024
IPP	Adani U-2	660	04/04/2024	00:47		Continued.	Boiler Furnace pressure High	
Total Capacity IPP		960						
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		2616						
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 03/Apr/2024

Position as on 6.30 Hrs of 04/Apr/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 03/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY (423) OF STATION TF - 1 @ KORADI 2	IntraState	03/04/2024	11:26			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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	28/03/2024	23:52			HT	For load management of Talegaon Chakan line
DABHOL - NAGOTHANE CKT - 1	IntraState	03/04/2024	13:06	03/04/2024	19:21	PO	Cold Washing Work
BABLESHWAR- AURANGABAD (WALUJ)	IntraState	03/04/2024	13:18	03/04/2024	18:17	PO	CB pole overhauling work
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.
220 KV TBC Outages/Trippings							
TBC @ ICHALKARANJI II	IntraState	03/04/2024	09:30	03/04/2024	14:20	PO	1) Quarterly bay maintenance (CT Oil Leakage attend) work & Testing work at 220 kV Tilawani.
220 KV MAINBAY Outages/Trippings							
220KV BUS SECTION BAY @ PEDAMBE	IntraState	03/04/2024	15:55			T	Tripped due to Y ph CT burst
220 KV LINE Outages/Trippings							
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 For Load management
KARAD -MUDSHINGI CKT- 4	IntraState	02/04/2024	08:44			PO	1.Relay retrofitting Work 2.TC2 Circuit Configuration Work 3.DC bifurcation & Panel Rewiring work
ALKUD - VITA	IntraState	02/04/2024	19:51	03/04/2024	02:59	PO	Polymer Insulator Replacement Work
220 KV WARORA - CHANDRAPUR (400 KV) CKT	IntraState	03/04/2024	07:48	03/04/2024	15:55	HT	Fixing of bird diverter on r, y & b-ph conductor between loc no. 02 - 18 by agency m/s. trafotech system pvt. ltd. mumbai
KHAREPATAN -PAWAS LINE	IntraState	03/04/2024	09:31	03/04/2024	17:47	PO	Cold washing of line insulators.
LAMBOTI - SOLAPUR 2(BALE) CKT - 1	IntraState	03/04/2024	10:07	03/04/2024	13:04	PO	Quarterly Maintenance
MALHARPETH SATARA MIDC	IntraState	03/04/2024	12:15	03/04/2024	19:58	PO	Replacement of polymer insulator string by AF Disc Insulator string at loc No.97 RYB Ph (C/P)
220 KV AMRAVATI - KARANJA CKT	IntraState	03/04/2024	12:22	03/04/2024	18:00	HT	1) stringing of conductor of newly constructed 132kv d/c line for 100mw solar plant two crossing of sd towers below the existing 220kv karanja talegaon s/c.(h3 to h4 & h1 to h2) 2) opgw wire stringing.
JEJURI (400KV) - LONAND CKT - 2	IntraState	03/04/2024	12:39	03/04/2024	18:23	PO	NT Switch Wiring Work & TBC trial confirmation work
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 1	IntraState	03/04/2024	13:10	03/04/2024	16:16	PO	Outage is required for Quarterly Maintenance
MAIN BUS - 1 @ SOUTH SOLAPUR	IntraState	03/04/2024	13:20	03/04/2024	16:05	PO	Outage is required for Quarterly Maintenance

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

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TOPWORTH - KHANDESHWAR	IntraState	03/04/2024	14:21	03/04/2024	18:00	PO	Errection of girders on vehicular underpass near Khalapur Toll plaza on Mumbai - Pune Expressway at Loc no. 554 to 555 for safety of manpower & machinery by M/s MSRDC.
VERSOVA - GHODBUNDER	IntraState	03/04/2024	15:17	03/04/2024	21:44	PO	Attending Main Bus-1 side isolator 489A contact issue
NEW KOYNA - PEDAMBE	IntraState	03/04/2024	15:55	03/04/2024	17:35	T	Tripped due to Y ph CT burst of bus section bay
POPHLI PEDHMBE LINE- 1	IntraState	03/04/2024	15:55	03/04/2024	17:25	T	Tripped due to Y ph CT burst of bus section bay
MIRAJ - MHAISHAL	IntraState	03/04/2024	16:50	03/04/2024	23:46	PO	Polymer Replacement work (Scheme Work)
BOISAR II - BOISAR (PG) CKT - 1	IntraState	04/04/2024	05:44			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	04/04/2024	05:44			PO	AMP WORKS
220 KV ICT Outages/Trippings							
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
220/132KV 200MVA ICT 2 @ PANDHARPUR	IntraState	03/04/2024	10:08	03/04/2024	18:04	PO	Quarterly Maintenance
220/100 KV 200 MVA ICT 1 @ APTA	IntraState	03/04/2024	10:35	03/04/2024	17:37	PO	"1. CTR NIFPS reinstallation and preventive maintenance work 2.Arresting of oil leakages 3. Bay maintenance work"
220/132KV 150MVA ICT - 1 @ MALINAGAR	IntraState	03/04/2024	10:40	03/04/2024	13:48	PO	Quarterly Maintenance
220/132KV 200MVA ICT 1 @ JEUR	IntraState	03/04/2024	13:25	03/04/2024	15:48	PO	Quarterly Maintenance.
220/132/11KV 200 MVA ICT 2 @ MALINAGAR	IntraState	03/04/2024	18:32	03/04/2024	22:46	PO	Quarterly Maintenance.
220/33 KV 50 MVA PTR 3 @ KHARGHAR	IntraState	04/04/2024	08:15			PO	For Replacement of CT secondary side cable upto CT MK box, Diagnostic and R&M 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.
110 KV BUSBAR Outages/Trippings							
BUS-3 @ KHOPOLI	IntraState	04/04/2024	01:00	04/04/2024	03:05	PO	110 KV Khopoli-Bokarpada Bkr Main Bus III side jumper removal to facilitated breaker O/H at Khopoli

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