

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Apr/2024 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	183.843	4503.354	1) Gujrat	-0.056	81.650
2) Hydro	26.389	340.953	2) Madhya Pradesh	7.271	297.322
3) Gas	8.065	192.530	3) Chattisgarh	1.820	100.080
Total MSPGCL	218.297	5036.837	4) Maharashtra	178.548	4898.695
B) 1) APLM	61.350	1716.362	5) Goa (Amona)	-2.133	-68.261
2) JSWEL	28.692	694.818	Total	185.450	5309.486
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.206	995.846
4) RPL(AMT)	31.711	797.602	b) Mumbai Drawl	41.576	1062.466
5) SWPGPL	10.712	284.234	c) MSEDCL Bilateral *	79.562	2332.905
6) Other IPP	19.992	592.794	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.206	995.846
C) 1) TPCL Thermal	13.823	331.579	Include PX	0.000	0.000
2) TPCL Hydro	5.698	127.973	Standby	0.000	0.000
3) TPCL Gas	4.127	104.483	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.304	251.521	1) MSEDCL	532.339	13827.736
D) STATE			2) Mumbai Discoms	76.528	1878.019
1) Thermal	361.427	9172.264	3) Other Discoms	11.244	283.265
(A1+C1+C4+(B1-B6))			TOTAL STATE	620.111	15989.020
2) Hydro (A2+C2)	32.087	468.926			
3) Gas (A3+B7+C3)	12.192	297.013			
4) Wind	13.344	330.007			
6) SOLAR	15.611	411.327			
TOTAL STATE	434.661	10679.537			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6859	7780	8190	7930
MSPGCL Hydro	722	1452	1057	312
MSPGCL Gas	274	350	436	287
MSPGCL Total Generation	7855	9582	9683	8529
Central Sector Receipt	9423	8645	7262	7807
WIND	427	463	858	447
CPP / IPP Thermal	5513	6036	6996	6526
CPP / IPP Gas	0	0	0	0
SOLAR	2182	759	0	461
Exchange with Mumbai	-2352	-2114	-1760	-1472
MSEDCL DEMAND MET	22534	22848	22526	21835
Load Shedding	0	0	0	0
MSEDCL DEMAND	22534	22848	22526	21835
TPCL GENERATION	862	1196	1137	698
AEML GENERATION	378	502	450	497
MUMBAI DEMAND	3592	3812	3347	2667
OTHER DISCOM DEMAND	514	523	513	463
STATE DEMAND MET	26640	27183	26386	24965
STATE DEMAND	26640	27183	26386	24965
Frequency (Hz)	49.99	50.01	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 18:01 Hrs	49.79 Hz at 22:48 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 26/Apr/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.18	94.16	190	130
Unit 8	14.45	364.97	612	582
Unit 9	14.19	363.24	610	510
Unit 10	14.99	245.50	652	555
Total	47.81	1067.88		
Bhusawal				
Unit 3	3.38	92.60	170	120
Unit 4	9.98	212.94	480	290
Unit 5	10.10	243.91	465	295
Total	23.46	549.44		
Parli				
Unit 6	4.60	115.13	249	143
Unit 7	4.31	116.52	245	144
Unit 8	2.90	101.03	243	0
Total	11.80	332.68		
Chandrapur				
Unit 3	0.00	76.32	0	0
Unit 4	3.65	85.78	169	124
Unit 5	8.71	201.31	440	275
Unit 6	8.02	217.30	390	275
Unit 7	9.02	224.52	471	290
Unit 8	10.25	229.08	465	285
Unit 9	11.07	297.25	500	300
Total	50.72	1331.56		
Paras				
Unit 3	5.06	127.50	245	153
Unit 4	5.23	142.49	248	154
Total	10.29	269.98		
Khaparkheda				
Unit 1	3.86	97.61	170	135
Unit 2	4.53	110.86	207	155
Unit 3	4.16	103.93	178	162
Unit 4	4.30	101.20	189	145
Unit 5	11.38	265.08	480	460
Total	28.23	678.68		
Nasik				
Unit 3	3.92	82.80	180	125
Unit 4	3.91	98.52	176	128
Unit 5	3.71	91.81	169	118
Total	11.54	273.13		
Uran				
All Units	8.06	192.53	480	273
Total	8.06	192.53		
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)	0.54	5.27	46	0
Total	0.54	5.27		
Koyna				
Stage 1-2	6.62	81.94	555	45

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	12.75	110.24	997	0
Stage 3	3.57	42.09	304	80
Total	22.94	234.27		
Hydro				
KDPH	0.76	21.02	32	31
VTRNA	0.60	21.30	60	0
TILLARI	0.00	1.62	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.99	56.62	92	77
GHATGHAR	0.10	6.11	90	0
Total	3.45	106.68		
Wind				
Total	13.34	330.01	0	0
Total	13.34	330.01		
CPP				
APML(Mus)	61.35	1716.36	0	0
JSWEL(Mus)	28.69	694.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.71	797.60	0	0
SWPGPL-Mus	10.71	284.23	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.13	138.43	267	0
Other(Mus)	9.67	343.16	0	0
JPL	5.20	111.21	270	182
Total	152.46	4085.81		
SOLAR				
Total	15.61	411.33	0	0
Total	15.61	411.33		
Tata				
Trombay 5	9.03	217.06	470	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	65.10	108	107
Trombay 7B	1.54	39.38	65	64
TATA Hydro	5.70	127.97	397	76
Trombay 8	4.80	114.52	231	134
Total	23.65	564.04		
AEML				
DTPS U-1&2	11.30	251.52	503	319
Total	11.30	251.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	183.84	4503.35	MSPGCL Total	218.30	5036.84
			MSPGCL Thml+Gas	191.91	4695.88	Koyna 1,2 & 4 Total	19.37	192.18
			MSPGCL Hydro	26.39	340.95	State Total	434.66	10679.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	8091	1107	480	9678	868	6899	0	0	7092	7119	-1369	22777	0	0	22777	3031	418	26226	49.99
2	8090	1268	461	9819	762	7024	0	0	6617	6612	-1227	22604	0	0	22604	2819	386	25809	50.01
3	8029	902	297	9228	620	7064	0	0	6887	6635	-1191	21987	0	0	21987	2646	369	25002	50.00
4	8030	909	290	9229	646	7128	0	0	6825	6700	-1178	22157	0	0	22157	2537	368	25062	50.00
5	8064	1258	289	9611	565	7154	0	0	6527	6633	-1098	22473	0	0	22473	2483	392	25348	50.02
6	8057	1201	292	9550	572	7132	0	0	6869	6792	-1170	22455	0	0	22455	2502	421	25378	49.99
7	8121	1107	288	9516	561	7093	0	94	7181	6999	-1095	22725	0	0	22725	2543	443	25711	50.01
8	7930	312	287	8529	447	6526	0	461	7795	7807	-1472	21835	0	2	21835	2667	463	24965	50.03
9	7456	424	288	8168	294	5561	0	1043	8324	8434	-1768	21248	0	0	21248	2960	484	24692	50.02
10	7545	365	282	8192	346	5596	0	1600	8867	9045	-2041	22232	0	0	22232	3282	506	26020	49.98
11	7422	656	276	8354	472	5483	0	1969	9539	9154	-2315	22625	0	4	22625	3497	492	26614	50.01
12	6859	722	274	7855	427	5513	0	2182	9535	9423	-2352	22534	0	8	22534	3592	514	26640	49.99
13	6641	903	273	7817	300	5489	0	2208	9397	9173	-2367	22108	0	33	22108	3675	512	26295	50.01
14	6812	846	274	7932	340	5556	0	1939	9313	9346	-2328	22275	0	30	22275	3617	510	26402	50.02
15	7045	1161	276	8482	362	5509	0	1757	9584	8660	-2226	22041	0	812	22041	3790	503	26334	49.93
16	7267	1347	276	8890	369	5727	0	1280	9512	9181	-2179	22768	0	315	22768	3894	500	27162	50.05
17	7780	1452	350	9582	463	6036	0	759	8993	8645	-2114	22848	0	219	22848	3812	523	27183	50.01
18	7583	1208	374	9165	535	5961	0	289	8637	8214	-2163	21478	0	139	21478	3638	523	25639	49.99
19	7484	1133	379	8996	529	6165	0	30	8047	7805	-2049	20949	0	59	20949	3413	527	24889	50.04
20	8190	1057	436	9683	858	6996	0	0	7495	7262	-1760	22526	0	0	22526	3347	513	26386	50.03
21	7541	1701	471	9713	968	6638	0	0	7064	6060	-1503	21378	0	6	21378	3240	498	25116	50.04
22	7512	1934	473	9919	808	6402	0	0	6535	6479	-1497	21628	0	0	21628	3135	483	25246	50.01
23	8078	1646	390	10114	689	6660	0	0	6443	6648	-1573	22073	0	0	22073	3164	465	25702	49.94
24	8216	1770	289	10275	543	7145	0	0	6421	6624	-1541	22614	0	0	22614	3244	432	26290	49.99
MUs	183.84	26.39	8.06	218.30	13.34	152.46	0.00	15.61	189.50	185.45	-41.58	532.34	0.00	1.63	532.34	76.53	11.24	620.11	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 overload of 132KV BBLSR-Rahuri and MIDC-Sonewadi line.2)DLS as per instructions of LD Kalwa.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Apr/2024

Position as on 6.30 Hrs of 27/Apr/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Parli Unit 8	250	23/04/2024	04:10	26/04/2024	04:43	Boiler Tube Leakage	26/04/2024
MSPGCL	Chandrapur Unit 3	210	25/04/2024	01:57		Continued.	Boiler Tube Leakage	28/04/2024
MSPGCL	Koyna STG-IV Unit-2	250	26/04/2024	04:30	26/04/2024	18:20	Water Contaiminated in Oil	
MSPGCL	Koyna STG-IV Unit-4	250	26/04/2024	09:45	26/04/2024	19:00	Abnormal Sound hearded in Machine	
Total Capacity MSPGCL		1080						
IPP								
IPP	IEPL Unit 1	270	25/04/2024	20:40	26/04/2024	01:19	Control Fluid pressure (CFP) HPSU Emergency off	
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.	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		1670						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 6	108	26/04/2024	01:59	26/04/2024	16:00	No schedule from MSEDCL In Open cycle	
MSPGCL	Uran Unit 5	108	26/04/2024	02:13	26/04/2024	18:40	No schedule from MSEDCL In Open cycle	
MSPGCL	Uran Unit 5	108	26/04/2024	22:30		Continued.	Zero Schedule given by MSEDCL.	
MSPGCL	Uran Unit 6	108	26/04/2024	22:52		Continued.	Zero Schedule given by MSEDCL.	
Total Capacity MSPGCL		432						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		432						
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)	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Apr/2024

Position as on 6.30 Hrs of 27/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						

* Other generator generating power instead of contracted genertaor with tri-party agreement in between generatos & discom (Case-IV bidding)

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TBC Outages/Trippings							
TBC @ KHARGHAR	IntraState	26/04/2024	09:28	26/04/2024	12:14	PO	For Routine maintenance and Diagnostic Testing
400 KV LINE Outages/Trippings							
PADGHE - BOISAR (PG)	InterState	26/04/2024	16:32	26/04/2024	17:59	T	Line tripped on Distance protection.
PUNE(GIS) - TALEGAON(PG) CKT - 3	InterState	26/04/2024	20:55	26/04/2024	23:29	HT	Hand tripped for Load management.
CHANDRAPUR - BHADRAVATI CKT - 4	InterState	27/04/2024	09:09			PO	AMP WORKS of Line at both end
DHULE - KHANDWA CKT - 2	InterState	27/04/2024	09:26			PO	Simultaneous outage of TIE BAY - 400KV-KHANDWA-DHULE-MS-2 , 400KV-KHANDWA-DHULE-MS-2 and 400KV B/R 2 is required for LBB retrofitting work, Line Outage, DIA to be kept open and Line-1 Auto Recloser Non-auto Mode
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVar bus reactor by new 125 MVar bus reactor.
CHANDRAPUR 2 - WARORA CKT-2	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
NEW KOYNA - DABHOL CKT - 2	IntraState	25/04/2024	09:31	26/04/2024	20:55	T	Distance protection , Yph to ground fault
TIRORA - WARORA CKT - 2	IntraState	25/04/2024	16:43	26/04/2024	23:28	HT	hand tripped 400 KV Tirora-Warora Line- 2 due to heavy oil leakage from metering CT of R-Phase.
AKOLA - KHADKA (BHUSAWAL)	IntraState	25/04/2024	20:48	26/04/2024	01:48	T	AT AK E= L-L FAULT, IR=20 KA, IY=20 KA, Z1, D=1.9KM K.END- - Z2 RY 168.0 KM ,3.0 KA 3.0 KA DT RECEIVE *
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	25/04/2024	22:57	26/04/2024	03:15	T	W END--R PH Z1 LOC-2.84 KM IA-18.255 KA D.END R PH Z1 193 KM 1.71 KA.
DEEPNAGAR - THAPTI TANDA	IntraState	26/04/2024	11:31	26/04/2024	17:30	PO	Replacement of faulty disc insulators by LRP strings
PARLI - KARJAT CKT - 1	IntraState	26/04/2024	12:14	26/04/2024	12:34	T	Distance Protection
BUS-2 @ TALEGAON (PG)	IntraState	26/04/2024	13:49	26/04/2024	21:48	T	Tripped along with 400KV Pune GIS Ckt-I,II and ICT-1,ICT-2
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	26/04/2024	14:29	26/04/2024	23:29	HT	System constraint control line loading in Talegaon PG ss.
BABHALESHWAR - PADGHE CKT-1	IntraState	27/04/2024	09:26			PO	1)Replacement of A Bus All Phase PG Isolator under LES Scheme. 2) Line will be in service on TBC.
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.
400/220/33 KV 500 MVA ICT - 3 @ WALUJ	IntraState	25/04/2024	21:42	26/04/2024	00:48	T	Tripped on NDR
400/220/33 KV 500MVA ICT - 1 @ DEEPNAGAR	IntraState	27/04/2024	08:36			PO	For attending the oil leakage from top plate of 33 kV Tertiary PT of R-ph & top up oil level.
220 KV TIEBAY Outages/Trippings							
220 KV PT I	IntraState	25/04/2024	08:48			HT	Replacement of pts under les scheme.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MAIN BUS SECTIONALIZER -2 @ GHODBUNDER (GIS)	IntraState	27/04/2024	09:09	27/04/2024	09:57	PO	Attending issue of CB's spring charging motor.
220 KV TBC Outages/Trippings							
TBC @ PADGHE	IntraState	26/04/2024	10:42			PO	Replacement of A Bus PT in upper section & making twin bus arrangement
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							
KHARGHAR - ULWE GIS CKT-1	IntraState	19/04/2024	15:22			T	Wavetrap uncoiled at Kharghar end
KARAD -MUDSHINGI CKT 2-TAK	IntraState	22/04/2024	15:03	26/04/2024	16:43	PO	1.Distance Relay Retrofitting Work 2.TC2 Configuration 3.NIT Replacement Work 4.DC Separation & Panel rewiring Work at Karad End
APTA - TAMBATI	IntraState	25/04/2024	16:10	26/04/2024	00:51	PO	Replacement of faulty Distance Relay
CHIKHALI-JALNA I	IntraState	26/04/2024	00:30	26/04/2024	17:37	T	Distance protection
EKLAHARE (GCR) - GHATGHAR	IntraState	26/04/2024	04:28	26/04/2024	04:59	T	Tripped on distance protection from Ghatghar end only.
BOISAR II - BOISAR (PG) CKT - 1	IntraState	26/04/2024	04:28	26/04/2024	08:28	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.
DASTURI-KANDALGAON LINE	IntraState	26/04/2024	05:58	26/04/2024	09:30	PO	Loc No.178,179,180 Emergency tree cutting
SAHARA-URSE	IntraState	26/04/2024	13:49	26/04/2024	16:25	T	Line tripped under LTS, due to main bus-II tripped at 400KV Talegaon PG SS.
BOISAR II - BOISAR (PG) CKT - 1	IntraState	27/04/2024	04:43	27/04/2024	09:41	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.
220 KV ICT Outages/Trippings							
220/33KV 25MVA PTR 2 @ NEW KOYNA	IntraState	25/04/2024	08:44			PO	Replacement of Diaphragm (oil leakage found) of OLTC ,Radiator valve repairing work,33 KV Neutral bushing gasket replacement ,Oil filtration etc
220/33 KV 50 MVA PTR 1	IntraState	25/04/2024	23:30	26/04/2024	02:28	T	Diff tripped lv side r ph la burst.
220/110 KV 250 MVA ICT - 1 @ VERSOVA (TATA)	IntraState	26/04/2024	09:30	26/04/2024	17:06	PO	R/M
220/100 KV 200 MVA ICT 2 @ TALOJA	IntraState	27/04/2024	09:35			PO	Hot spot attending work on Rph CB bottom pad (88°C)
132 KV LINE Outages/Trippings							
KANHAN-MANSAR	IntraState	27/04/2024	08:58			PO	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.

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