

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	181.695	529.025	1) Gujrat	2.463	7.691
2) Hydro	13.088	33.753	2) Madhya Pradesh	6.893	20.624
3) Gas	6.901	20.751	3) Chattisgarh	2.630	7.290
Total MSPGCL	201.684	583.529	4) Maharashtra	184.157	528.925
B) 1) APLM	66.203	186.159	5) Goa (Amona)	-2.171	-6.048
2) JSWEL	28.730	83.098	Total	193.972	558.482
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.019	114.867
4) RPL(AMT)	31.675	92.664	b) Mumbai Drawl	41.523	124.574
5) SWPGPL	12.394	36.278	c) MSEDCL Bilateral *	80.660	249.965
6) Other IPP	18.421	56.565	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.019	114.867
C) 1) TPCL Thermal	13.387	37.570	Include PX	0.000	0.000
2) TPCL Hydro	5.883	15.032	Standby	0.000	0.000
3) TPCL Gas	3.440	11.461	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.389	31.198	1) MSEDCL	535.158	1548.271
D) STATE			2) Mumbai Discoms	74.621	219.834
1) Thermal	362.894	1052.557	3) Other Discoms	11.137	33.417
(A1+C1+C4+(B1-B6))			TOTAL STATE	620.916	1801.522
2) Hydro	18.971	48.785			
(A2+C2)					
3) Gas	10.341	32.212			
(A3+B7+C3)					
4) Wind	15.499	52.849			
6) SOLAR	19.240	56.638			
TOTAL STATE	426.945	1243.041			

* 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	6801	7537	7645	7550
MSPGCL Hydro	229	365	941	155
MSPGCL Gas	283	281	286	292
MSPGCL Total Generation	7313	8183	8872	7997
Central Sector Receipt	9604	8850	8094	7537
WIND	241	530	715	753
CPP / IPP Thermal	5611	6890	7095	6049
CPP / IPP Gas	0	0	0	0
SOLAR	2393	1117	0	703
Exchange with Mumbai	-2253	-2170	-1542	-1488
MSEDCL DEMAND MET	22413	22874	22704	21079
Load Shedding	0	0	0	0
MSEDCL DEMAND	22413	22874	22704	21079
TPCL GENERATION	865	995	1226	644
AEML GENERATION	458	466	500	445
MUMBAI DEMAND	3576	3631	3268	2577
OTHER DISCOM DEMAND	496	526	530	472
STATE DEMAND MET	26485	27031	26502	24128
STATE DEMAND	26485	27031	26502	24128
Frequency (Hz)	50.01	49.94	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 13:32 Hrs	49.75 Hz at 16:25 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 03/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.38	12.36	190	160
Unit 8	12.28	34.79	565	390
Unit 9	13.72	40.40	587	556
Unit 10	14.70	41.21	638	588
Total	45.09	128.76		
Bhusawal				
Unit 3	0.24	3.61	110	0
Unit 4	11.10	30.86	495	390
Unit 5	10.66	28.80	475	385
Total	22.01	63.26		
Parli				
Unit 6	4.66	12.94	247	144
Unit 7	4.76	13.06	248	140
Unit 8	4.41	12.72	234	146
Total	13.83	38.72		
Chandrapur				
Unit 3	3.63	10.58	162	127
Unit 4	3.78	11.01	171	125
Unit 5	9.41	21.18	450	275
Unit 6	4.18	21.86	450	0
Unit 7	9.35	26.86	452	286
Unit 8	10.70	30.83	470	384
Unit 9	11.33	32.54	499	391
Total	52.38	154.86		
Paras				
Unit 3	5.18	15.20	245	184
Unit 4	5.55	15.93	252	185
Total	10.73	31.14		
Khaparkheda				
Unit 1	3.26	10.52	150	105
Unit 2	4.33	12.72	205	156
Unit 3	3.86	11.87	176	137
Unit 4	3.97	11.94	190	143
Unit 5	10.85	32.60	480	400
Total	26.25	79.64		
Nasik				
Unit 3	3.82	11.18	175	120
Unit 4	4.07	11.42	190	120
Unit 5	3.51	10.05	164	122
Total	11.41	32.65		
Uran				
All Units	6.90	20.75	295	277
Total	6.90	20.75		
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)	0.45	0.92	46	0
Total	0.45	0.92		
Koyna				
Stage 1-2	3.40	7.74	420	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	4.47	10.68	999	0
Stage 3	1.73	4.58	320	0
Total	9.59	23.00		
Hydro				
KDPH	0.71	2.15	30	29
VTRNA	0.89	2.70	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.90	5.90	82	74
GHATGHAR	0.00	0.00	0	0
Total	3.49	10.75		
Wind				
Total	15.50	52.85	0	0
Total	15.50	52.85		
CPP				
APML(Mus)	66.20	186.16	0	0
JSWEL(Mus)	28.73	83.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.68	92.66	0	0
SWPGPL-Mus	12.39	36.28	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.24	15.84	264	161
Other(Mus)	7.80	24.74	0	0
JPL	5.38	15.99	235	214
Total	157.42	454.76		
SOLAR				
Total	19.24	56.64	0	0
Total	19.24	56.64		
Tata				
Trombay 5	8.85	24.79	458	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.07	7.06	108	59
Trombay 7B	1.37	4.40	64	49
TATA Hydro	5.88	15.03	376	110
Trombay 8	4.54	12.78	225	132
Total	22.71	64.06		
AEML				
DTPS U-1&2	10.39	31.20	500	305
Total	10.39	31.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	181.70	529.02	MSPGCL Total	201.68	583.53
			MSPGCL Thml+Gas	188.60	549.78	Koyna 1,2 & 4 Total	7.86	18.42
			MSPGCL Hydro	13.09	33.75	State Total	426.94	1243.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/May/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	8138	1321	292	9751	656	7068	0	0	7239	7284	-1425	22917	0	0	22917	3033	417	26367	50.03
2	8149	1386	295	9830	702	7065	0	0	6652	6603	-1243	22579	0	0	22579	2830	378	25787	50.01
3	8056	626	295	8977	852	7087	0	0	7213	7199	-1212	22539	0	0	22539	2652	364	25555	49.98
4	7843	280	295	8418	860	7024	0	0	7528	7256	-1288	21914	0	0	21914	2502	356	24772	49.99
5	7934	211	295	8440	910	7071	0	0	7365	7410	-1329	22125	0	0	22125	2426	377	24928	49.99
6	8137	276	295	8708	964	7065	0	0	7245	7122	-1263	22201	0	0	22201	2432	395	25028	50.00
7	8023	220	295	8538	896	6930	0	127	7339	7126	-1121	22068	0	6	22068	2453	428	24949	50.02
8	7550	155	292	7997	753	6049	0	703	7809	7537	-1488	21079	0	6	21079	2577	472	24128	50.04
9	6792	270	287	7349	544	5419	0	1391	8504	8578	-1763	21040	0	2	21040	2874	478	24392	50.01
10	7219	145	284	7648	431	5458	0	1929	8859	8648	-2064	21564	0	1	21564	3209	486	25259	50.00
11	7068	174	282	7524	315	5413	0	2348	9351	9175	-2278	22003	0	0	22003	3458	494	25955	49.99
12	6801	229	283	7313	241	5611	0	2393	9575	9604	-2253	22413	0	3	22413	3576	496	26485	50.01
13	6859	289	277	7425	288	5630	0	2421	9403	9632	-2382	22515	0	9	22515	3581	499	26595	50.03
14	6910	152	281	7343	358	5577	0	2405	9509	9346	-2317	22227	0	10	22227	3494	485	26206	50.08
15	7055	196	280	7531	423	6015	0	2209	9633	9192	-2420	22468	0	12	22468	3602	482	26552	50.03
16	7274	155	279	7708	449	6578	0	1685	9372	9100	-2314	22711	0	10	22711	3688	495	26894	50.02
17	7537	365	281	8183	530	6890	0	1117	9009	8850	-2170	22874	0	20	22874	3631	526	27031	49.94
18	7678	349	284	8311	727	7083	0	466	8473	8268	-1959	22362	0	9	22362	3511	534	26407	49.99
19	7610	275	285	8170	614	7074	0	46	8406	8254	-1711	21914	0	0	21914	3324	533	25771	50.00
20	7645	941	286	8872	715	7095	0	0	8013	8094	-1542	22704	0	0	22704	3268	530	26502	49.96
21	7678	1050	287	9015	805	7051	0	0	7720	7626	-1498	22475	0	0	22475	3178	524	26177	50.02
22	7769	949	289	9007	847	7053	0	0	7299	7216	-1447	22185	0	0	22185	3080	491	25756	50.03
23	7930	1336	291	9557	795	7051	0	0	7405	7546	-1494	22989	0	0	22989	3089	466	26544	50.06
24	8040	1738	291	10069	824	7066	0	0	7318	7307	-1542	23291	0	0	23291	3154	433	26878	50.05
MUs	181.69	13.09	6.90	201.68	15.50	157.42	0.00	19.24	196.24	193.97	-41.52	535.16	0.00	0.09	535.16	74.62	11.14	620.92	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 :-

ELR Carried out due to 132kV BBLR to Rahuri line over load.

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 03/May/2024

Position as on 6.30 Hrs of 04/May/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	Bhusawal Unit 3	210	02/05/2024	01:32	03/05/2024	20:56	Boiler Tube Leakage	05/05/2024
MSPGCL	Chandrapur Unit 6	500	03/05/2024	10.35	03/05/2024	22:20	DUE TO STATOR WATER FLOW LOW.	
MSPGCL	Koradi Unit 8	660	04/05/2024	01:08		Continued.	Boiler Tube Leakage	06/05/2024
Total Capacity MSPGCL		1490						
IPP								
IPP	JPL Unit 1	150	04/05/2024	00:08	04/05/2024	02:14	Tripped due to turbine thrust bearing temperature malfunction.	
Total Capacity IPP		150						
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		1960						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 5	108	02/05/2024	15:30		Continued.	Unit is under zero schedule.	
MSPGCL	Uran Unit 6	108	02/05/2024	17:28		Continued.	Zero schedule.	
Total Capacity MSPGCL		216						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		216						
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						

* 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 03/May/2024

Statement-VII

Position as on 6.30 Hrs of 04/May/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							
BUS - 2 @ TIRODA	IntraState	03/05/2024	11:39	03/05/2024	16:08	EO	Attend Hotspot on Isolator of main bay of 400kV Tirora -Warora line-1.
500 KV LR Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ PADGHE HVDC	IntraState	03/05/2024	22:59	04/05/2024	00:39	HT	E/O for grass cutting work at Padghe end.
400 KV LINE Outages/Trippings							
400 KV KORADI SARNI CKT	InterState	03/05/2024	10:46	03/05/2024	23:35	T	Tripped on DT received from Satpura end since 400 kV Bus fault at Satpura end
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVA bus reactor by new 125 MVA 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.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	23/04/2024	09:38			HT	For load management.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/05/2024	22:11			HT	For facilitating outage on 765 Kv Aurangabad - Padghe line.
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	02/05/2024	21:07	03/05/2024	04:37	PO	Broken conductor strands at Loc 22-23 and Loc 94-95
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	03/05/2024	06:45	03/05/2024	17:25	PO	1) Routine Maintenance and Diagnostic Testing. 2) Line Maintenance Work.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	03/05/2024	06:45	03/05/2024	17:25	PO	For string replacement work
PARLI - KUMBHARGAON(NANDED) CKT - 2	IntraState	03/05/2024	22:07	04/05/2024	04:01	EO	Attend broken conductor strands at Loc 103-104 and 107-108
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	04/05/2024	05:57			PO	For string replacement 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.
STATION TF - 1 @ KORADI -2	IntraState	02/05/2024	10:02			PO	1)for tap changing work at Mahagenco premises.
400/220/33 KV 315MVA ICT - 3 @ KARAD	IntraState	02/05/2024	17:02	03/05/2024	01:57	PO	For Replacement of MOG , Buchholz and retrofitting of HV & LV back up relay.
400/220KV 105 MVA SPARE ICT @ KHADKA	IntraState	03/05/2024	09:34	03/05/2024	13:08	PO	For providing oil pump
400/220KV 105 MVA SPARE ICT @ KHADKA	IntraState	03/05/2024	09:34	03/05/2024	13:18	PO	Providing oil pump.
400/220/33 KV 500 MVA ICT - 3 @ WALUJ	IntraState	03/05/2024	11:20	03/05/2024	14:06	HT	Online partial discharge test is to be carried on B-ph unit of ict-3
400/220/33 KV 500 MVA ICT - 3 @ WALUJ	IntraState	03/05/2024	14:44	03/05/2024	17:15	HT	Online partial discharge test on ict -3 Y-ph unit.
400/220/33 KV 500 MVA ICT - 3 @ DHULE	IntraState	03/05/2024	17:17	03/05/2024	23:18	PO	1) CTR make NIFPS system R ph, Y ph & B ph unit servicing & maintenance. 2) Pre-monsoon Maintenance. 3) RRS Scheme related work.
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 BUS SECTION I	IntraState	03/05/2024	14:29	03/05/2024	20:00	PO	For Balance project work
220 KV LINE Outages/Trippings							
KHARGHAR - ULWE GIS CKT-1	IntraState	19/04/2024	15:22			T	Wavetrap uncoiled at Kharghar end

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

Statement-VII

Position as on 6.30 Hrs of 04/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BABHALESHWAR - UTECH SUGAR	IntraState	02/05/2024	18:55	03/05/2024	01:15	PO	Damaged conductor will be replacement at location No 70 Y ph (BBLR side) & 71 R ph (Babhaleshwar side). Attending the low clearance (observed 6.75 M but required 7.1)between location No 6-7(Road crossing). The jumper nut bolt replacement & tightening work is required to be carried out at pass jump provided by hot line location No-A1, A2 .
TROMBAY MSETCL TIE - 1	IntraState	02/05/2024	23:10	03/05/2024	08:07	PO	R/M AND TESTING
WATHAR - MUDSHINGI 3 LINE	IntraState	03/05/2024	06:44	03/05/2024	17:30	PO	For SSN to DSN & STN to DTN string work at loc no. 214, 215 & 161 road crossing towers for safety purpose.
MAHAPE - RELIANCE GIS	IntraState	03/05/2024	08:47	03/05/2024	13:11	PO	Replacement of 29D isolator Operating box
PARLI (OLD GCR) - PARLI (PG) CKT 2	IntraState	03/05/2024	09:03	03/05/2024	18:46	PO	Overhauling of breaker & Routine maintenance work.
PARLI 3(OLD GCR)-PARLI NEWTPS CKT-2	IntraState	03/05/2024	09:03	03/05/2024	18:46	PO	Overhauling of Breaker & Routine Maintenance
MALEGAON - KALWAN CKT-2	IntraState	03/05/2024	09:13	03/05/2024	15:13	PO	For removal of CT and insulation of new CT and diagnostic testing work.
TALANDGE - SAWANTWADI	IntraState	03/05/2024	09:44	03/05/2024	17:07	PO	Replacement of faulty string
WARORA - WARORA RLY TSS 2	IntraState	03/05/2024	10:40	03/05/2024	20:57	PO	Commissioning of new distance protection relay.
ALKUD - MENDHEGIRI CKT - 1	IntraState	03/05/2024	10:57	03/05/2024	15:17	PO	Replacement Work of Main & check secure Make IEM Meters
KARAD - DASGAON	IntraState	03/05/2024	11:33	03/05/2024	12:46	T	between loc.no.181-182, Truck of powdered rock goes in induction zone during unloading of rock and tripping occurs.
PADGHE - WADA	IntraState	03/05/2024	12:05	03/05/2024	19:13	PO	Insulator replacement Work identified in PID.
ALKUD - MENDHEGIRI CKT - 2	IntraState	03/05/2024	15:31	03/05/2024	17:59	PO	Replacement Work of Main & check secure Make IEM Meters
SATANA - GANGAPUR	IntraState	03/05/2024	16:01	03/05/2024	21:05	PO	for ANNUAL DIGNOSTIC TESTING WORK
SATANA - GANGAPUR	IntraState	03/05/2024	16:01	03/05/2024	21:05	PO	For Annual dignostic work.
MIRAJ - MHAISHAL	IntraState	03/05/2024	17:14	03/05/2024	20:45	PO	For replacement of Back-up relay (M/s Siemens Make)
TALANDGE - HAMIDWADA	IntraState	03/05/2024	18:00	03/05/2024	22:46	PO	Quarterly Maintenance work. Relay Testing work.Diagnostic Testing work.
KHARGHAR - NET MAGIC GIS	IntraState	03/05/2024	19:31	04/05/2024	00:42	PO	For Routine Maintenance & Testing Work
220 KV ICT Outages/Trippings							
220/33 KV 50 MVA PTR 2 @ MALEGAON	IntraState	03/05/2024	09:00	03/05/2024	15:13	PO	For replacement of HV Y Ph. CT due to higher Tan D
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	04/05/2024	07:34			PO	For earthwire replacement & routine maintenance 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.
KHOPOLI - DAVDI	IntraState	02/05/2024	09:45			PO	Tower erection at Location no 24 and Conductor Shifting and stringing. Dismantling of Existing tower.

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