

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jun/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.805	649.239	1) Gujrat	5.728	9.628
2) Hydro	8.270	58.898	2) Madhya Pradesh	4.924	18.464
3) Gas	7.665	29.388	3) Chattisgarh	2.750	11.960
Total MSPGCL	179.740	737.525	4) Maharashtra	213.412	832.096
B) 1) APLM	65.392	278.500	5) Goa (Amona)	-2.148	-9.273
2) JSWEL	28.266	111.558	Total	224.666	862.875
3) VIPL	0.000	0.000	a) Mumbai Schedule	46.924	176.632
4) RPL(AMT)	27.304	103.837	b) Mumbai Drawl	49.488	184.895
5) SWPGPL	12.486	48.499	c) MSEDCL Bilateral *	105.509	399.423
6) Other IPP	15.592	63.422	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	46.924	176.632
C) 1) TPCL Thermal	14.509	54.240	Include PX	0.000	0.000
2) TPCL Hydro	7.453	23.587	Standby	0.000	0.000
3) TPCL Gas	4.127	16.511	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.743	43.583	1) MSEDCL	521.854	2122.506
D) STATE			2) Mumbai Discoms	85.320	322.816
1) Thermal	337.097	1352.878	3) Other Discoms	11.994	45.944
(A1+C1+C4+(B1-B6))			TOTAL STATE	619.168	2491.266
2) Hydro	15.723	82.485			
(A2+C2)					
3) Gas	11.792	45.899			
(A3+B7+C3)					
4) Wind	14.714	82.276			
6) SOLAR	15.176	64.853			
TOTAL STATE	394.502	1628.391			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6836	6964	7096	6777
MSPGCL Hydro	582	144	448	124
MSPGCL Gas	282	365	287	290
MSPGCL Total Generation	7700	7474	7830	7190
Central Sector Receipt	10968	10129	8229	9114
WIND	255	718	612	477
CPP / IPP Thermal	5308	6428	6768	6436
CPP / IPP Gas	0	0	0	0
SOLAR	2008	1809	0	0
Exchange with Mumbai	-2236	-2414	-2025	-1613
MSEDCL DEMAND MET	23454	23630	20907	21210
Load Shedding	0	0	0	0
MSEDCL DEMAND	23454	23630	20907	21210
TPCL GENERATION	1264	1239	1258	855
AEML GENERATION	503	493	243	494
MUMBAI DEMAND	4003	4146	3526	2962
OTHER DISCOM DEMAND	549	513	508	395
STATE DEMAND MET	28006	28290	24940	24566
STATE DEMAND	28006	28290	24940	24566
Frequency (Hz)	49.95	50.01	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 17:07 Hrs	49.75 Hz at 21:12 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 04/Jun/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.42	16.70	191	174
Unit 8	14.34	55.87	617	560
Unit 9	13.84	30.99	621	548
Unit 10	12.73	52.32	550	505
Total	45.34	155.88		
Bhusawal				
Unit 3	0.00	2.34	0	0
Unit 4	11.16	43.48	485	310
Unit 5	10.54	41.98	480	335
Total	21.70	87.80		
Parli				
Unit 6	4.21	19.02	249	144
Unit 7	0.00	13.73	0	0
Unit 8	4.39	18.79	245	145
Total	8.59	51.54		
Chandrapur				
Unit 3	3.77	15.16	166	132
Unit 4	3.81	15.37	170	140
Unit 5	9.22	32.21	420	275
Unit 6	5.00	27.23	222	200
Unit 7	9.12	37.30	403	294
Unit 8	10.06	41.68	436	365
Unit 9	0.00	21.70	0	0
Total	40.99	190.65		
Paras				
Unit 3	5.05	15.64	224	181
Unit 4	5.41	6.51	243	183
Total	10.46	22.15		
Khaparkheda				
Unit 1	3.66	14.77	160	135
Unit 2	4.34	17.95	191	138
Unit 3	3.12	7.22	173	0
Unit 4	4.36	17.39	194	164
Unit 5	11.04	44.02	470	445
Total	26.52	101.35		
Nasik				
Unit 3	3.47	13.11	163	128
Unit 4	3.35	13.37	147	124
Unit 5	3.38	13.40	160	111
Total	10.21	39.87		
Uran				
All Units	7.66	29.39	378	282
Total	7.66	29.39		
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)	0.00	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	3.50	17.36	430	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.00	21.54	232	0
Stage 3	1.23	9.06	160	0
Total	5.72	47.96		
Hydro				
KDPH	0.44	1.90	19	19
VTRNA	0.43	1.68	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.66	6.31	73	65
GHATGHAR	0.02	1.05	16	0
Total	2.55	10.94		
Wind				
Total	14.71	82.28	0	0
Total	14.71	82.28		
CPP				
APML(Mus)	65.39	278.50	0	0
JSWEL(Mus)	28.27	111.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.30	103.84	0	0
SWPGPL-Mus	12.49	48.50	0	0
Dhariwal	0.00	0.00	0	0
IEPL	6.13	24.33	268	233
Other(Mus)	4.59	20.69	0	0
JPL	4.87	18.41	271	129
Total	149.04	605.82		
SOLAR				
Total	15.18	64.85	0	0
Total	15.18	64.85		
Tata				
Trombay 5	9.50	35.68	460	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	10.37	108	108
Trombay 7B	1.54	6.14	64	63
TATA Hydro	7.45	23.59	437	80
Trombay 8	5.01	18.56	228	146
Total	26.09	94.34		
AEML				
DTPS U-1&2	9.74	43.58	503	230
Total	9.74	43.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.80	649.24	MSPGCL Total	179.74	737.52
			MSPGCL Thml+Gas	171.47	678.63	Koyna 1,2 & 4 Total	4.50	38.90
			MSPGCL Hydro	8.27	58.90	State Total	394.50	1628.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Jun/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	6796	706	378	7880	705	6713	0	0	9196	8974	-1910	21915	0	0	21915	3566	446	25928	49.99
2	6939	746	368	8054	507	6739	0	0	8729	8540	-1719	21692	0	0	21692	3328	429	25448	50.02
3	6954	376	289	7620	481	6741	0	0	8991	8647	-1607	21481	0	0	21481	3125	400	25006	50.04
4	6777	124	290	7190	477	6436	0	0	9489	9114	-1613	21210	0	0	21210	2962	395	24566	49.96
5	6894	130	290	7314	312	6725	0	0	9331	8999	-1656	21274	0	0	21274	2877	419	24570	50.00
6	6878	124	291	7292	298	6690	0	0	9660	9238	-1468	21627	0	0	21627	2843	423	24894	50.02
7	7020	154	291	7464	200	6646	0	111	9493	9221	-1587	21586	0	0	21586	2804	470	24860	50.01
8	6843	438	290	7572	163	6143	0	466	8865	9229	-1784	21292	0	0	21292	2936	497	24724	49.99
9	6758	420	286	7464	218	6077	0	929	9454	9434	-2176	21404	0	0	21404	3296	542	25242	49.99
10	6418	442	286	7146	140	5487	0	1462	10542	10472	-2166	21994	0	57	21994	3636	546	26176	49.96
11	6795	510	282	7586	197	5418	0	1847	10914	10356	-2265	22588	0	155	22588	3891	551	27030	50.03
12	6836	582	282	7700	255	5308	0	2008	11212	10968	-2236	23454	0	164	23454	4003	549	28006	49.95
13	6886	152	310	7348	254	5742	0	2087	11297	10517	-2272	23151	0	136	23151	4008	525	27684	49.92
14	6874	140	362	7376	458	5670	0	1956	10985	10582	-2251	23266	0	1	23266	3995	525	27786	50.01
15	6964	144	365	7474	718	6428	0	1809	10818	10129	-2414	23630	0	158	23630	4146	513	28290	50.01
16	6774	166	367	7308	1348	5942	0	1429	11157	10106	-2513	23072	0	129	23072	4221	548	27840	50.01
17	6758	194	365	7316	1464	5525	0	753	10332	10056	-2516	22050	0	44	22050	4136	548	26734	50.00
18	6524	200	371	7094	1555	5696	0	271	9722	8605	-2433	20233	0	1	20233	3911	555	24700	50.08
19	6166	256	294	6716	1345	5485	0	48	9134	9110	-2345	19817	0	1	19817	3658	541	24016	50.03
20	6791	332	285	7408	1194	6160	0	0	9042	8675	-2192	20688	0	0	20688	3596	556	24840	49.98
21	6860	364	287	7512	759	6380	0	0	8513	8416	-2048	20502	0	0	20502	3532	516	24550	49.97
22	7096	448	287	7830	612	6768	0	0	8125	8229	-2025	20907	0	0	20907	3526	508	24940	49.96
23	7114	376	372	7862	581	7055	0	0	8655	8436	-2100	21328	0	0	21328	3618	506	25452	49.99
24	7090	752	377	8218	473	7066	0	0	8579	8613	-2192	21693	0	0	21693	3706	485	25884	50.02
MUs	163.81	8.27	7.66	179.74	14.71	149.04	0.00	15.18	232.23	224.67	-49.49	521.85	0.00	0.85	521.85	85.32	11.99	619.17	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 Satana-Dindori line.
- 2) DLS implemented due to overload f ICT & low voltage@ Jejuri.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jun/2024

Position as on 6.30 Hrs of 05/Jun/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	Ghatghar Unit-2	125	26/05/2024	13:17		Continued.	Stator Earth Fault	26/07/2024
MSPGCL	Khaparkheda Unit 3	210	02/06/2024	03:05	04/06/2024	03:23	Boiler Tube Leakage	04/06/2024
MSPGCL	Chandrapur Unit 9	500	02/06/2024	22:52		Continued.	Condenser Vacuum low	06/06/2024
MSPGCL	Bhusawal Unit 3	210	03/06/2024	00:30		Continued.	Boiler tube leakage (On tolling).	07/06/2024
MSPGCL	Parli Unit 7	250	03/06/2024	22:36		Continued.	Boiler Tube Leakage	06/06/2024
MSPGCL	Paras Unit 4	250	05/06/2024	03:59		Continued.	Fire in GT	
Total Capacity MSPGCL		1665						
AEML								
AEML	AEML Unit 2	250	04/06/2024	16:58		Continued.	Boiler Tube Leakage	07/06/2024
Total Capacity AEML		250						
IPP								
IPP	RPL(AMT) U-4	270	28/05/2024	18:57	04/06/2024	11:27	Due to ID Fan tripped on high vibration..	28/06/2024
IPP	RPL(AMT) U-5	270	04/06/2024	09:30	04/06/2024	11:14	Drum level low	
Total Capacity IPP		540						
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		2775						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 5	108	19/05/2024	02:00		Continued.	As per MSEDCL zero schedule.	
MSPGCL	Uran Unit 6	108	04/06/2024	02:00	04/06/2024	12:30	As MSEDCL requirement	
MSPGCL	Uran Unit 6	108	04/06/2024	18:16	04/06/2024	21:58	As per MSEDCL requirement	
MSPGCL	Uran Unit 6	108	05/06/2024	02:00		Continued.	As per MSEDCL requirement	
Total Capacity MSPGCL		432						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		432						
FORCED OUTAGE DUE TO NO PPA								

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jun/2024

Position as on 6.30 Hrs of 05/Jun/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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						
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 04/Jun/2024

Statement-VII

Position as on 6.30 Hrs of 05/Jun/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							
AKOLA II - EKTUNI CKT - 2	IntraState	26/05/2024	18:11			T	Tripped on distance protection.(Due to tower
500 KV TBC Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	04/06/2024	06:24	04/06/2024	14:14	T	Unbalanced level 2 Protection
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.
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	14/05/2024	12:30			HT	HT for load Management
220 KV PARLI (400 KV)- GIRWALI I/C -2	IntraState	26/05/2024	15:40			T	6 Nos. Tower collapsed (Loc no 36- 41) .
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	05/06/2024	06:50			PO	for repairing of conductor strand at loc .9-10,51-52, 3-4
KORADI - KHAPEKHEDEA CKT - 1	IntraState	05/06/2024	09:14			PO	DCRM,CB Timing &CRM of Main & Tie CB
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 500MVA ICT - 2 @ WARORA	IntraState	20/05/2024	11:25			PO	RELAY TESTING WORK AND ALLIED WORK
400/220KV 500 MVA ICT - 2 @ VIKHROLI GIS	IntraState	22/05/2024	17:41			HT	HT for Load management
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	03/06/2024	23:26			T	Differential protection
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	04/06/2024	08:39	04/06/2024	13:52	PO	for Pre-monsoon activity work of 400/220/33kv ICT-1.
400 KV BR Outages/Trippings							
50 MVar BUS REACTOR - 1 @ JAIGAD	IntraState	04/06/2024	10:29			PO	CSD RELAY INTALLATION AND COMMISSIONING AT JAIGAD END
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							
132 KV GHATODI (220 KV) - DIGRAS CKT	IntraState	26/05/2024	15:36			T	6 Nos. Tower collapsed (Loc no 99-104).
132 kv GHATODI ARNI	IntraState	26/05/2024	15:36			T	6 Nos. Tower collapsed (Loc no 99-104) .
PARLI (OLD GCR) - PARLI (PG) CKT 2	IntraState	26/05/2024	15:40	05/06/2024	00:26	T	6 Nos. Tower collapsed (Loc no 36- 41) .
LAMBOTI - PANDHARPUR	IntraState	26/05/2024	17:25			T	TOWER COLLAPSED AT LOC.414-419.
LAMBOTI - KARKAMB	IntraState	26/05/2024	17:25			T	TOWER COLLAPSED AT LOC.414-419.
GORAI -MSETCL BORIVALI CKT -1	IntraState	28/05/2024	17:59	04/06/2024	01:13	T	Bus fault
MAIN BUS - 1 @ GORAI	IntraState	28/05/2024	17:59			T	Bus Fault
220KV GIS DCHI - COLOURCHEM	IntraState	31/05/2024	04:30			PO	For de-stringing & stringing of old circuit at new tower Loc. No. 6.
MHAISAL - ALKUD	IntraState	03/06/2024	17:24	04/06/2024	02:06	PO	Wedge Connector Work
WAGHIVALI - DHARAVI 7	IntraState	04/06/2024	01:25	04/06/2024	09:40	PO	Resagging of conductor at S G Barve Metro - 2B crossing

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2024

Statement-VII

Position as on 6.30 Hrs of 05/Jun/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TROMBAY - VIKHROLI (GIS) CKT - 4	IntraState	04/06/2024	01:42	04/06/2024	09:13	PO	Resagging of conductor at S G Barve Metro - 2B crossing
BUTIBORI-BUTIBORI 3	IntraState	04/06/2024	11:00	04/06/2024	13:00	PO	Testing work
BUTIBORI 3-PURTI	IntraState	04/06/2024	15:00	04/06/2024	18:22	PO	Line Maintenance work
PARANDA - OSMANABAD	IntraState	04/06/2024	16:24	04/06/2024	16:38	T	Distance Protection
220 KV KARJAT-BELWANDI-CKT-1	IntraState	04/06/2024	16:25	04/06/2024	16:49	T	Tripped on distance protection
PHURSUNGI-PARVATI	IntraState	04/06/2024	16:46	04/06/2024	19:33	T	tripped on distance protection
JEJURI - KONDHWA	IntraState	04/06/2024	17:48	04/06/2024	18:02	T	Tripped on back up overcurrent
220 KV WARORA - CHANDRAPUR (400 KV) CKT	IntraState	04/06/2024	22:54	04/06/2024	02:16	HT	Y phase CC caught fire at warora end
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	05/06/2024	00:16	05/06/2024	06:09	PO	1) Making bunching of 220kV AKP -Nashik & 220kV NTT-Bapgaon line at Loc no. 398 for the work of 220kV GIS Substation of M/s Gigaplex (PDG)
NTT - BAPGAON	IntraState	05/06/2024	00:18	05/06/2024	06:18	PO	1) Making bunching of 220kV AKP -Nashik & 220kV NTT-Bapgaon line at Loc no. 398 for the work of 220kV GIS Substation of M/s Gigaplex (PDG).
NTT - KALWA	IntraState	05/06/2024	00:20			PO	For carrying out the cable end termination work at Gigaplex for work of GIS s/stn of M/s Gigaplex s/stn (PGD) and opportunity outage for cable cutting work for work of 220kV GIS S/tm M/s NTT Global DC NAV2 Pvt Ltd.
WAGHIVALI - DHARAVI 8	IntraState	05/06/2024	01:42	05/06/2024	05:21	PO	Project work----Resagging of conductor in span 38-39 at S G Barve Metro - 2B crossing
PALGHAR - NALASOPARA	IntraState	05/06/2024	04:46	05/06/2024	09:17	PO	Replacement of Insulator String Identified in PID.
220 KV ICT Outages/Trippings							
220/33kV 125 MVA TF 2 @ GORAI	IntraState	28/05/2024	17:59			T	Bus Fault
220/132 KV 150 MVA ICT 2 @ EKLAHRE (GCR)	IntraState	04/06/2024	10:31	04/06/2024	12:26	PO	Restrnging of earthwire
220 KV BUSBAR Outages/Trippings							
MAIN BUS-2 @ HINJEWADI 3(GIS)	IntraState	04/06/2024	13:02			PO	Bus Extension for Bay 208 of 220kV Nxtra2 Ss for project work
132 KV LINE Outages/Trippings							
132KV RENAPUR- TWENTY ONE SUGAR AT LATUR	IntraState	26/05/2024	16:19			T	TOWER COLLAPSED AT LOC.11.

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