

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2025 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.426	2313.912	1) Gujrat	2.597	23.762
2) Hydro	15.465	267.093	2) Madhya Pradesh	10.507	165.790
3) Gas	7.075	101.379	3) Chattisgarh	4.410	59.210
Total MSPGCL	193.966	2682.384	4) Maharashtra	220.132	3124.384
B) 1) APLM	62.119	908.429	5) Goa (Amona)	-1.890	-33.301
2) JSWEL	27.288	372.562	Total	235.756	3339.845
3) VIPL	0.000	0.000	a) Mumbai Schedule	46.477	606.820
4) RPL(AMT)	31.118	437.827	b) Mumbai Drawl	50.839	681.254
5) SWPGPL	11.668	172.333	c) MSEDCL Bilateral *	141.955	1888.224
6) Other IPP	18.647	261.185	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	46.477	606.820
C) 1) TPCL Thermal	7.262	149.225	Include PX	0.000	0.000
2) TPCL Hydro	5.054	63.340	Standby	0.000	0.000
3) TPCL Gas	3.940	53.198	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.558	131.568	1) MSEDCL	570.136	7865.737
D) STATE			2) Mumbai Discoms	75.653	1078.584
1) Thermal	338.086	4747.041	3) Other Discoms	13.184	187.057
(A1+C1+C4+(B1-B6))			TOTAL STATE	658.973	9131.378
2) Hydro	20.519	330.433			
(A2+C2)					
3) Gas	11.015	154.577			
(A3+B7+C3)					
4) Wind	26.884	223.027			
6) SOLAR	26.713	336.456			
TOTAL STATE	423.217	5791.534			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5835	7024	8053	6842
MSPGCL Hydro	297	1081	1653	677
MSPGCL Gas	303	380	267	255
MSPGCL Total Generation	6435	8485	9973	7774
Central Sector Receipt	10911	10848	10149	8635
WIND	954	632	675	1260
CPP / IPP Thermal	5302	5739	6777	6509
CPP / IPP Gas	0	0	0	0
SOLAR	3579	2221	0	900
Exchange with Mumbai	-2732	-2763	-2231	-1690
MSEDCL DEMAND MET	23867	24561	24724	22849
Load Shedding	0	0	0	0
MSEDCL DEMAND	23867	24561	24724	22849
TPCL GENERATION	544	602	756	617
AEML GENERATION	295	284	360	288
MUMBAI DEMAND	3571	3649	3347	2595
OTHER DISCOM DEMAND	582	601	619	539
STATE DEMAND MET	28020	28811	28690	25983
STATE DEMAND	28020	28811	28690	25983
Frequency (Hz)	50.04	50.06	50.04	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 12.03 Hrs	49.84 Hz at 08.20 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 14/Apr/2025

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.63	55.04	180	120
Unit 8	12.92	178.95	590	402
Unit 9	12.83	128.62	580	405
Unit 10	12.63	173.16	570	400
Total	42.02	535.77		
Bhusawal				
Unit 3	3.20	46.23	150	125
Unit 4	10.02	136.18	495	290
Unit 5	9.79	112.04	490	285
Unit 6	14.55	149.11	667	360
Total	37.56	443.56		
Parli				
Unit 6	4.03	61.30	246	143
Unit 7	3.81	48.97	231	133
Unit 8	3.92	59.25	216	142
Total	11.77	169.52		
Chandrapur				
Unit 3	0.00	26.11	0	0
Unit 4	3.17	46.38	150	117
Unit 5	8.16	119.09	400	275
Unit 6	6.15	129.27	475	0
Unit 7	9.41	128.44	450	298
Unit 8	9.00	127.06	456	275
Unit 9	0.00	0.00	0	0
Total	35.90	576.34		
Paras				
Unit 3	4.95	63.52	243	146
Unit 4	4.97	66.12	250	148
Total	9.92	129.64		
Khaparkheda				
Unit 1	3.58	52.33	175	115
Unit 2	3.65	54.56	186	120
Unit 3	3.84	57.35	182	128
Unit 4	3.75	42.06	173	127
Unit 5	9.64	129.34	450	335
Total	24.47	335.64		
Nasik				
Unit 3	3.19	27.14	160	120
Unit 4	3.41	50.05	171	122
Unit 5	3.20	46.25	164	113
Total	9.79	123.44		
Uran				
All Units	7.08	101.38	390	253
Total	7.08	101.38		
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)	0.08	0.90	33	0
Total	0.08	0.90		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.00	41.69	415	40
Stage 4	5.74	119.73	754	0
Stage 3	1.99	35.79	278	0
Total	10.73	197.21		
Hydro				
KDPH	0.77	11.18	32	32
VTRNA	0.85	11.42	60	0
TILLARI	0.00	4.10	0	0
BHIRA T.R.	0.14	3.76	40	0
SMLHY_PTN	2.65	36.49	116	107
GHATGHAR	0.33	2.92	195	0
Total	4.74	69.88		
Wind				
Total	26.88	223.03	0	0
Total	26.88	223.03		
CPP				
APML(Mus)	62.12	908.43	0	0
JSWEL(Mus)	27.29	372.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.12	437.83	0	0
SWPGPL-Mus	11.67	172.33	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.90	84.49	270	179
Other(Mus)	6.76	92.63	0	0
JPL	5.99	84.06	274	226
Total	150.84	2152.34		
SOLAR				
Total	26.71	336.46	0	0
Total	26.71	336.46		
Tata				
Trombay 5	3.76	98.36	284	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.45	32.80	108	99
Trombay 7B	1.49	20.40	63	61
TATA Hydro	5.05	63.34	421	41
Trombay 8	3.51	50.86	185	127
Total	16.26	265.76		
AEML				
DTPS U-1&2	8.56	131.57	491	282
Total	8.56	131.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.43	2313.91	MSPGCL Total	193.97	2682.38
			MSPGCL Thml+Gas	178.50	2415.29	Koyna 1,2 & 4 Total	8.74	161.42
			MSPGCL Hydro	15.46	267.09	State Total	423.22	5791.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Apr/2025

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	7885	250	253	8388	1359	6980	0	0	9463	9385	-1818	23811	0	0	23811	3076	483	27370	49.96
2	7800	247	254	8301	1515	6779	0	0	9315	9341	-1724	23762	0	0	23762	2863	450	27075	49.94
3	7708	247	257	8212	1698	6339	0	0	9240	9325	-1599	23523	0	0	23523	2668	452	26643	49.96
4	7266	245	256	7767	1646	6452	0	0	8992	9102	-1443	23073	0	0	23073	2541	451	26065	49.93
5	7220	244	255	7719	1665	6754	0	0	9013	9170	-1419	23431	0	0	23431	2468	458	26357	50.01
6	7214	245	256	7715	1552	6803	0	0	9571	9659	-1468	23783	0	0	23783	2484	478	26745	50.00
7	7420	256	259	7935	1535	7024	0	143	9314	9491	-1459	24160	0	0	24160	2493	509	27162	50.00
8	6842	677	255	7774	1260	6509	0	900	8611	8635	-1690	22849	0	0	22849	2595	539	25983	49.98
9	6294	887	254	7435	1395	5515	0	1900	8786	8991	-1947	22740	0	0	22740	2880	549	26169	49.96
10	6444	283	258	6985	1450	5785	0	2729	9242	9117	-2262	23230	0	0	23230	3174	574	26978	50.04
11	5733	182	269	6184	1354	5493	0	3271	10406	10355	-2543	23547	0	0	23547	3437	567	27551	49.97
12	5835	297	303	6435	954	5302	0	3579	10640	10911	-2732	23867	0	7	23867	3571	582	28020	50.04
13	5659	526	347	6532	737	4963	0	3637	10449	10661	-2769	23175	0	2	23175	3647	586	27408	50.05
14	5973	702	383	7058	610	5390	0	3338	10396	10426	-2697	23532	0	0	23532	3598	593	27723	50.07
15	6514	694	382	7590	642	5460	0	2922	10918	10577	-2718	23868	0	3	23868	3655	605	28128	49.99
16	7024	1081	380	8485	632	5739	0	2221	11157	10848	-2763	24561	0	10	24561	3649	601	28811	50.06
17	7485	1380	384	9249	681	6121	0	1440	10918	10241	-2614	24510	0	0	24510	3564	608	28682	49.96
18	7605	1386	390	9381	717	6203	0	608	10536	10254	-2423	24108	0	0	24108	3451	632	28191	50.01
19	7686	1209	292	9187	660	6234	0	25	10165	10356	-2377	23453	0	0	23453	3320	632	27405	50.05
20	8053	1653	267	9973	675	6777	0	0	9943	10149	-2231	24724	0	0	24724	3347	619	28690	50.04
21	7913	962	276	9151	889	7040	0	0	9778	9546	-2075	23958	0	0	23958	3263	593	27814	49.99
22	7959	402	278	8639	1014	7041	0	0	9337	9446	-1952	23622	0	0	23622	3237	566	27425	50.01
23	7888	401	283	8572	1118	7039	0	0	9661	9850	-2000	24030	0	0	24030	3302	549	27881	49.98
24	8006	1009	284	9299	1126	7098	0	0	9513	9920	-2116	24818	0	0	24818	3370	509	28697	50.00
MUs	171.43	15.46	7.08	193.97	26.88	150.84	0.00	26.71	235.36	235.76	-50.84	570.14	0.00	0.02	570.14	75.65	13.18	658.97	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) LTS Operated due to 132 kV Satana to Dindori line overload 520Amp/95.68MW.

Maximum Demand scenario for the date 14/Apr/2025		
State Demand	MSEDC Non-Coincident Peak Demand	Mumbai Non-Coincident Peak Demand
28811 MW	24818 MW	3655 MW
16 Hrs	24 Hrs	15 Hrs
Includes LS - 0 MW	Includes LS - 0 MW	--

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Apr/2025

Position as on 6.30 Hrs of 15/Apr/2025

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL								
MSPGCL	Chandrapur Unit 9	500	11/01/2025	18:55		Continued.	Generator Protection operated	01/05/2025
MSPGCL	Uran Unit 7	108	04/03/2025	14:15		Continued.	Turbine bearing vibration high	20/04/2025
MSPGCL	Chandrapur Unit 3	210	07/04/2025	15:34		Continued.	Furnace Temperature High	15/04/2025
MSPGCL	Uran Unit 6	108	13/04/2025	19:59	14/04/2025	09:28	Due to boiler protection.	14/04/2025
MSPGCL	Chandrapur Unit 6	500	14/04/2025	03:00	14/04/2025	10:35	Air heater problem	14/04/2025
MSPGCL	Koyna STG-IV Unit-1	250	14/04/2025	15:25	14/04/2025	19:00	Butterfly Valve Problem	
MSPGCL	Uran Unit 6	108	14/04/2025	18:16	14/04/2025	19:22	Boiler Protection Operated	
Total Capacity MSPGCL		1784						
TPC-G								
TPC-G	Trombay 5	500	14/04/2025	11:49	14/04/2025	20:40	Turbine Electrohydraulic controller Problem.	
Total Capacity TPC-G		500						
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.	30/06/2025
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.	30/09/2025
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		2604						
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)	
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 14/Apr/2025

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2025

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LR Outages/Trippings							
50 MVAR LINE REACTOR OF 400KV KUMBHARGAON(NANDED) CKT 1 AT 400KV PARLI	IntraState	05/03/2025	20:45			HT	Due to Voltage constraint LR kept out at Parly ss.
400 KV LINE Outages/Trippings							
PADGHE - TARAPUR CKT - 2	InterState	09/04/2025	19:32	14/04/2025	20:14	HT	emergency outage by PG
220KV KORADI II (400KV)- BUTIBORI 3 CKT I	IntraState	01/10/2024	13:10			HT	H/T From Butibori 3 end
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	21/03/2025	00:53			HT	IN VIEW OF 400KV TALEGAON - CHAKAN LINE LOADING
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	09/04/2025	21:25			HT	load management
BABHALESHWAR - RPL(NSK) CKT - 1	IntraState	10/04/2025	13:39			EO	Need to carry out SF6 gas Refilling (Top-up) in the EMVT of 400kv NTPP-1 B-phase at Plant End (GIS).
NAGOTHANE - DABHOL CKT - 2	IntraState	14/04/2025	13:18	14/04/2025	16:30	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.
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	03/06/2024	23:26			T	Differential protection
105 MVA SPARE ICT @ CHAKAN	IntraState	26/02/2025	10:59			PO	Long Duration outage required for Rapid restoration scheme work of ICT at 400kv Chakan s/sn
400/220/33 KV 500MVA ICT - 1 @ DEEPNAGAR	IntraState	14/04/2025	12:46	14/04/2025	14:13	EO	emergency outage on 400/220 kv 501 MVA ICT 1 for attending the dislocated WTI Meter of B-Ph to avoid any maloperation resulting in tripping of ICT from 11:00 hrs to 12:00 hrs on Dtd. 14.04.2025 at 400 kv Deepnagar SS
220 KV TIEBAY Outages/Trippings							
BUS COUPLER @ PHURSUNGI	IntraState	07/04/2025	06:57			HT	Hand Tripped.
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							
PRINT HOUSE - NAVI MUMBAI (PG)	InterState	05/12/2024	23:09			EO	1) For bunching at TL no 678/1 with 220kv Kalwa-Panchanand line to provide 2nd source to Panchanand & Taloja s/stn. 2)For opening jumpers at TL no 678/1.
WAGHIVALI (MSETCL) - ULWE GIS CKT - 2	IntraState	25/06/2024	08:05			T	Tripped on differential protection.
220KV KORADI II(400KV) - BUTIBORI 3 CKT II	IntraState	01/10/2024	13:11			HT	H/T From Koradi 2 end
KALWA - PANCHANAND	IntraState	17/10/2024	12:10			EO	For providing bunching at Loc. No. 691 by fixing T clamps & jumper connections to provide 2nd source to 220kv Taloja.
WAGHIVALI (MSETCL) - WAGHIVALI (TATA) CKT - 1	IntraState	30/12/2024	10:44			HT	Hand tripped only at Waghivali (TATA) End only For load management on 220kv Ulwe - Waghivali ckt -1
WAGHIVALI (MSETCL) - WAGHIVALI (TATA) CKT - 2	IntraState	30/12/2024	10:44			HT	Hand tripped only at Waghivali (TATA) End only For load management on 220kv Ulwe - Waghivali ckt -1

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2025

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2025

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
SAKI (AEML) - SAKI (TATA) CKT - 2	IntraState	21/01/2025	15:26			HT	Fire Caught near Marve Bridge
PALGHAR - NALASOPARA	IntraState	13/04/2025	15:21	14/04/2025	08:58	PO	For Replacement of existing 0.4 ACSR by HPC (High Performance Conductor).
RANJANGAON - U TECH SUGAR CKT	IntraState	13/04/2025	22:03	14/04/2025	05:46	PO	1) To carryout the Work of Double Jumpering Work (Bypass Jump) by Providing & Fixing of WEDGE Type Connector & Hot spot attending Work.under LMSD Manchar 2)220kV Utech line bay CB- replacement of Y ph pole due to SF6 gas leakage
ALEPHATA-PARGAON(KATHAPUR)	IntraState	14/04/2025	06:47	14/04/2025	23:10	HT	H/T for load management.
HINJAWADI I- CHINCHWAD	IntraState	14/04/2025	06:52	15/04/2025	00:12	HT	H/T for load management.
ONI KHAREPATAN LINE	IntraState	14/04/2025	08:09	14/04/2025	13:25	PO	Bus Isolator maintenance and bus, gantry insulators string washing. Also all bay equipments routine maintenance.
BUS SECTION - 2 @ KHAREPATAN	IntraState	14/04/2025	08:12	14/04/2025	12:40	PO	Bus Isolator maintenance and bus, gantry insulators string washing. Also, all bay equipment's routine maintenance.
SADAWAGHAPUR KARAD CKT 1	IntraState	14/04/2025	09:30	14/04/2025	15:32	PO	Jump Nut Bolt Tightening work at Loc No.1 to 57
TALANDGE - BIDRI	IntraState	14/04/2025	12:51	14/04/2025	16:52	PO	Replacement of flash over string at location 67
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	14/04/2025	14:52	14/04/2025	23:55	HT	WRLDC REQUEST
CHINCHWAD-2 - TELCO	IntraState	14/04/2025	17:38	14/04/2025	19:32	T	tripped due to paper foil between two phases at loc.05
220 KV ICT Outages/Trippings							
220/132 KV 80 MVA ICT 1 @ HINGANGHAT	IntraState	19/02/2025	12:45			HT	H/T Due to end of expected life of paper insulation of ICT
220/110 KV 200 MVA ICT - 1 @ ICHALKARANJI - II	IntraState	11/04/2025	09:30			PO	1) Quarterly bay maintenance work 2) Bay Diagnostic testing work
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	14/04/2025	08:10	14/04/2025	13:57	PO	Bus Isolator maintenance and bus, gantry insulators string washing. Also, all bay equipment's routine maintenance.
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	14/04/2025	09:58			PO	For Replacement of 220kV Circuit Breaker
220/100 KV 200 MVA ICT 3 @ APTA	IntraState	15/04/2025	06:32			PO	1. Diagnostic testing work 2. Bay maintenance work
132 KV LINE Outages/Trippings							
CHAKAN- CHINCHWAD- BAJAJ AUTO CHAKAN TAP	IntraState	16/10/2024	07:02			HT	For Load Management
132 KV PATHRI-MAJALGAON CKT	IntraState	06/01/2025	13:05			HT	After completion of outage on 132kv patri parbhani ckt
132 KV BADNAPUR - HYOSUNG (STERLIGHT) CKT	IntraState	14/02/2025	17:01		Continued.	T	B - R PH, Z2, 2.56 KA, 26 KM. H - R PH, 3 KA, 700 MTR.
132 KV UJANI - BASSK	IntraState	18/03/2025	13:10			T	Distance protection.
132 KV ICT Outages/Trippings							
132/33 KV 50 MVA PTR 2 @ DONDAICHA	IntraState	15/11/2024	11:40			T	Tripped on Buchholz alarm

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