

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.446	1205.106	1) Gujrat	4.021	17.229
2) Hydro	11.817	104.554	2) Madhya Pradesh	7.275	47.559
3) Gas	6.900	47.842	3) Chattisgarh	4.820	21.220
Total MSPGCL	185.163	1357.502	4) Maharashtra	211.694	1321.200
B) 1) APLM	59.325	448.538	5) Goa (Amona)	-1.731	-14.085
2) JSWEL	28.342	196.716	Total	226.079	1393.123
3) VIPL	0.000	0.000	a) Mumbai Schedule	45.419	284.018
4) RPL(AMT)	31.360	213.099	b) Mumbai Drawl	46.285	301.333
5) SWPGPL	12.099	85.377	c) MSEDCL Bilateral *	112.651	630.469
6) Other IPP	18.652	129.909	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	45.419	284.018
C) 1) TPCL Thermal	11.999	89.914	Include PX	0.000	0.000
2) TPCL Hydro	5.037	33.242	Standby	0.000	0.000
3) TPCL Gas	3.110	25.501	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.126	64.235	1) MSEDCL	543.355	3712.061
D) STATE			2) Mumbai Discoms	76.557	514.224
1) Thermal	338.349	2432.894	3) Other Discoms	11.537	79.244
(A1+C1+C4+(B1-B6))			TOTAL STATE	631.449	4305.529
2) Hydro	16.854	137.796			
(A2+C2)					
3) Gas	10.010	73.343			
(A3+B7+C3)					
4) Wind	21.584	136.274			
6) SOLAR	18.573	132.100			
TOTAL STATE	405.370	2912.407			

* 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 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6628	6854	7056	7125
MSPGCL Hydro	338	185	352	207
MSPGCL Gas	280	281	287	291
MSPGCL Total Generation	7246	7320	7695	7623
Central Sector Receipt	10638	10341	8914	8627
WIND	270	412	1808	473
CPP / IPP Thermal	5518	6137	6009	6311
CPP / IPP Gas	0	0	0	0
SOLAR	2396	2078	0	660
Exchange with Mumbai	-2149	-2120	-2103	-1563
MSEDCL DEMAND MET	23389	23674	21783	21650
Load Shedding	0	0	0	0
MSEDCL DEMAND	23389	23674	21783	21650
TPCL GENERATION	1046	1083	925	596
AEML GENERATION	500	499	286	498
MUMBAI DEMAND	3695	3702	3314	2657
OTHER DISCOM DEMAND	530	494	540	481
STATE DEMAND MET	27614	27870	25637	24788
STATE DEMAND	27614	27870	25637	24788
Frequency (Hz)	49.99	50.02	49.98	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.46 Hz at 18:02 Hrs	49.81 Hz at 12:17 Hrs	50.02	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 07/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.20	29.76	185	155
Unit 8	0.00	35.12	0	0
Unit 9	14.04	97.27	598	560
Unit 10	14.41	99.30	650	570
Total	32.65	261.46		
Bhusawal				
Unit 3	3.42	17.56	175	120
Unit 4	10.99	74.24	485	410
Unit 5	7.18	46.89	480	130
Total	21.60	138.70		
Parli				
Unit 6	4.24	31.97	239	140
Unit 7	4.15	31.32	230	140
Unit 8	4.33	31.43	250	145
Total	12.72	94.71		
Chandrapur				
Unit 3	3.44	24.81	168	120
Unit 4	3.50	25.84	165	124
Unit 5	8.76	58.75	445	275
Unit 6	8.23	57.22	412	280
Unit 7	8.82	64.68	464	290
Unit 8	10.46	73.40	450	378
Unit 9	11.49	77.34	500	445
Total	54.69	382.05		
Paras				
Unit 3	5.14	36.29	235	194
Unit 4	5.73	38.87	252	199
Total	10.87	75.16		
Khaparkheda				
Unit 1	3.16	23.42	160	95
Unit 2	3.35	28.43	173	104
Unit 3	3.32	26.58	155	108
Unit 4	3.39	25.15	164	127
Unit 5	11.69	77.17	500	470
Total	24.90	180.75		
Nasik				
Unit 3	1.70	19.85	174	0
Unit 4	3.85	27.82	183	126
Unit 5	3.46	24.61	165	120
Total	9.02	72.28		
Uran				
All Units	6.90	47.84	295	280
Total	6.90	47.84		
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)	0.13	1.50	32	0
Total	0.13	1.50		
Koyna				
Stage 1-2	3.01	23.32	515	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	3.88	40.51	916	0
Stage 3	1.57	14.52	320	0
Total	8.46	78.35		
Hydro				
KDPH	0.70	4.94	29	29
VTRNA	0.90	6.25	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.74	13.44	76	68
GHATGHAR	0.02	1.57	21	0
Total	3.36	26.20		
Wind				
Total	21.58	136.27	0	0
Total	21.58	136.27		
CPP				
APML(Mus)	59.32	448.54	0	0
JSWEL(Mus)	28.34	196.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.36	213.10	0	0
SWPGPL-Mus	12.10	85.38	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.56	37.58	267	177
Other(Mus)	7.38	54.23	0	0
JPL	5.72	38.10	269	225
Total	149.78	1073.64		
SOLAR				
Total	18.57	132.10	0	0
Total	18.57	132.10		
Tata				
Trombay 5	7.50	58.45	465	201
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	15.59	108	35
Trombay 7B	1.27	9.91	64	33
TATA Hydro	5.04	33.24	353	107
Trombay 8	4.50	31.47	233	134
Total	20.15	148.66		
AEML				
DTPS U-1&2	10.13	64.24	501	286
Total	10.13	64.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.45	1205.11	MSPGCL Total	185.16	1357.50
			MSPGCL Thml+Gas	173.35	1252.95	Koyna 1,2 & 4 Total	6.89	63.83
			MSPGCL Hydro	11.82	104.55	State Total	405.37	2912.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	7222	1380	294	8896	1339	6864	0	0	8605	8506	-1571	23594	0	0	23594	3160	440	27194	50.05
2	7257	803	292	8352	1280	6901	0	0	8862	8776	-1640	23277	0	0	23277	2917	392	26586	50.02
3	7248	823	293	8364	1157	6962	0	0	8812	8778	-1775	23126	0	0	23126	2704	360	26190	49.99
4	7361	501	293	8155	1125	6969	0	0	8807	8521	-1693	22723	0	0	22723	2568	354	25645	49.98
5	7434	517	294	8245	898	7014	0	0	8584	8499	-1625	22658	0	0	22658	2491	373	25522	49.97
6	7518	727	295	8540	868	7024	0	1	8807	8803	-1507	23315	0	0	23315	2518	414	26247	50.02
7	7529	594	293	8416	604	6910	0	126	8680	8341	-1368	22575	0	10	22575	2504	454	25533	50.05
8	7125	207	291	7623	473	6311	0	660	8927	8627	-1563	21650	0	11	21650	2657	481	24788	50.06
9	6657	142	289	7088	482	5611	0	1292	9638	9524	-1812	21672	0	0	21672	2975	513	25160	49.98
10	6653	147	286	7086	394	5515	0	1886	10003	10087	-2104	22332	0	0	22332	3310	532	26174	49.97
11	6559	226	286	7071	319	5455	0	2285	10716	10506	-2218	22880	0	1	22880	3569	538	26987	49.96
12	6628	338	280	7246	270	5518	0	2396	10864	10638	-2149	23389	0	27	23389	3695	530	27614	49.99
13	6493	163	280	6936	266	5486	0	2469	10996	10685	-2193	23156	0	25	23156	3676	493	27325	49.93
14	6449	147	281	6877	294	5668	0	2265	10968	10757	-2165	23202	0	31	23202	3614	494	27310	49.95
15	6854	185	281	7320	412	6137	0	2078	10661	10341	-2120	23674	0	30	23674	3702	494	27870	50.02
16	6862	211	282	7355	579	6368	0	1667	10751	10162	-2175	23437	0	29	23437	3780	519	27736	50.08
17	6898	280	282	7460	1046	6198	0	1001	10583	9931	-2129	22973	0	30	22973	3728	534	27235	50.13
18	6302	275	282	6859	1365	5899	0	405	10168	9942	-2117	21802	0	19	21802	3584	551	25937	50.15
19	6438	291	285	7014	1630	5951	0	42	9729	9730	-2182	21637	0	5	21637	3351	548	25536	50.16
20	7056	352	287	7695	1808	6009	0	0	9381	8914	-2103	21783	0	0	21783	3314	540	25637	49.98
21	6721	735	287	7743	1576	5714	0	0	9247	9162	-2114	21556	0	0	21556	3230	525	25311	49.98
22	6730	931	288	7949	1291	5972	0	0	9122	9000	-2008	21703	0	0	21703	3130	501	25334	49.99
23	7116	963	288	8367	1112	6477	0	0	9062	8952	-1965	22464	0	0	22464	3157	479	26100	50.01
24	7336	879	291	8506	996	6845	0	0	9095	8897	-1989	22776	0	0	22776	3223	479	26478	50.03
MUs	166.45	11.82	6.90	185.16	21.58	149.78	0.00	18.57	231.07	226.08	-46.29	543.36	0.00	0.22	543.36	76.56	11.54	631.45	50.02

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 220KV BBLSR-Alephata line.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/May/2024

Position as on 6.30 Hrs of 08/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	Koradi Unit 8	660	04/05/2024	01:08		Continued.	Boiler Tube Leakage	08/05/2024
MSPGCL	Nasik Unit 3	210	05/05/2024	20:20	07/05/2024	11:03	Boiler Tube Leakage	08/05/2024
Total Capacity MSPGCL		990						
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		1310						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 6	108	06/05/2024	23:54		Continued.	Zero Schedule given by MSEDCL	
MSPGCL	Uran Unit 5	108	07/05/2024	00:09		Continued.	Zero Schedule given by MSEDCL	
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 07/May/2024

Statement-VII

Position as on 6.30 Hrs of 08/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
TBC @ KARAD	IntraState	06/05/2024	11:15			PO	For Panel rewiring work and retrofitting of LBB Relay
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-1	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
CHANDRAPUR 2 - WARORA CKT-2	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/05/2024	22:11			HT	For faciliating outage on 765 Kv Aurangabad - Padghe line.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	07/05/2024	05:41	07/05/2024	16:52	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.
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
BOISAR II - BOISAR (PG) CKT - 1	IntraState	07/05/2024	05:15	07/05/2024	09:20	PO	work for 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.
ABHIJEET-WARDHA-II	IntraState	07/05/2024	09:10	07/05/2024	10:45	EO	To attend Hot Spot
AMBAZARI-ABHIJEET	IntraState	07/05/2024	11:00	07/05/2024	15:09	PO	Replacement of Distance Relay
KHAPARKHEDA - BUTIBORI 3	IntraState	07/05/2024	11:27	07/05/2024	12:49	EO	To attend Hot Spot
SAHARA-URSE	IntraState	07/05/2024	12:15	07/05/2024	12:32	T	Tripped only at urse end as LTS STAGE II operated .
GADCHANDUR - GRACE	IntraState	07/05/2024	13:27	07/05/2024	13:50	T	Distance Protection
220 KV CHANDRAPUR - 2-BALLARSHAH CKT	IntraState	07/05/2024	14:34	07/05/2024	15:34	T	Distance Protection
GADCHANDUR - UTCL CKT - I	IntraState	07/05/2024	14:43	07/05/2024	15:40	T	Distance Protection
BOISAR II - BOISAR (PG) CKT - 1	IntraState	08/05/2024	05:21			PO	work for 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.
AAREY - AEML SAKI CKT - 2	IntraState	08/05/2024	21:48			T	Tripped on Yph to ground fault
220 KV ICT Outages/Trippings							
100 MVA 220/132 KV ICT - I	IntraState	07/05/2024	06:20	07/05/2024	08:28	PO	Maintenance work
220/132 KV 200 MVA ICT 1	IntraState	07/05/2024	12:30	07/05/2024	21:00	EO	Replacement of Two No of LV side CT
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	08/05/2024	06:43			PO	For earthwire replacement & routine maintenance work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2024

Statement-VII

Position as on 6.30 Hrs of 08/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 - BHOKARPADA	IntraState	08/05/2024	06:27			PO	Repairing of C Phase damaged conductor in span 278-279 (Compression of Repair sleeve)

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