

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2024 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.600	164.600	1) Gujrat	2.941	2.941
2) Hydro	11.090	11.090	2) Madhya Pradesh	6.919	6.919
3) Gas	6.827	6.827	3) Chattisgarh	2.000	2.000
Total MSPGCL	182.517	182.517	4) Maharashtra	167.583	167.583
B) 1) APLM	57.846	57.846	5) Goa (Amona)	-1.935	-1.935
2) JSWEL	26.186	26.186	Total	177.508	177.508
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.616	36.616
4) RPL(AMT)	29.385	29.385	b) Mumbai Drawl	41.109	41.109
5) SWPGPL	11.575	11.575	c) MSEDCL Bilateral *	87.638	87.638
6) Other IPP	19.301	19.301	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.616	36.616
C) 1) TPCL Thermal	10.777	10.777	Include PX	0.000	0.000
2) TPCL Hydro	3.527	3.527	Standby	0.000	0.000
3) TPCL Gas	4.139	4.139	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.052	10.052	1) MSEDCL	492.428	492.428
D) STATE			2) Mumbai Discoms	69.604	69.604
1) Thermal	329.722	329.722	3) Other Discoms	11.098	11.098
(A1+C1+C4+(B1-B6))			TOTAL STATE	573.130	573.130
2) Hydro	14.617	14.617			
(A2+C2)					
3) Gas	10.966	10.966			
(A3+B7+C3)					
4) Wind	22.089	22.089			
6) SOLAR	18.228	18.228			
TOTAL STATE	395.622	395.622			

* 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 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5701	6122	7623	6724
MSPGCL Hydro	160	178	222	236
MSPGCL Gas	279	276	290	286
MSPGCL Total Generation	6140	6576	8135	7246
Central Sector Receipt	8154	7258	6901	7127
WIND	557	1365	957	494
CPP / IPP Thermal	5211	5442	6315	6286
CPP / IPP Gas	0	0	0	0
SOLAR	2353	1622	0	622
Exchange with Mumbai	-1876	-2079	-1627	-1379
MSEDCL DEMAND MET	20055	19684	20200	19939
Load Shedding	0	0	0	0
MSEDCL DEMAND	20055	19684	20200	19939
TPCL GENERATION	789	636	875	645
AEML GENERATION	339	388	463	500
MUMBAI DEMAND	3004	3103	2965	2524
OTHER DISCOM DEMAND	485	500	481	457
STATE DEMAND MET	23543	23287	23646	22920
STATE DEMAND	23543	23287	23646	22920
Frequency (Hz)	49.97	49.97	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 18.04 Hrs	49.8 Hz at 14.56 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 01/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.90	3.90	190	130
Unit 8	8.18	8.18	602	0
Unit 9	12.55	12.55	600	376
Unit 10	12.46	12.46	590	410
Total	37.10	37.10		
Bhusawal				
Unit 3	3.16	3.16	150	125
Unit 4	9.56	9.56	495	290
Unit 5	9.02	9.02	470	285
Total	21.76	21.76		
Parli				
Unit 6	4.21	4.21	247	140
Unit 7	4.17	4.17	230	144
Unit 8	4.26	4.26	248	145
Total	12.64	12.64		
Chandrapur				
Unit 3	3.37	3.37	156	125
Unit 4	3.50	3.50	167	123
Unit 5	4.08	4.08	415	0
Unit 6	8.66	8.66	450	280
Unit 7	8.68	8.68	470	281
Unit 8	9.29	9.29	470	270
Unit 9	9.59	9.59	500	285
Total	47.18	47.18		
Paras				
Unit 3	4.77	4.77	244	144
Unit 4	4.90	4.90	250	146
Total	9.67	9.67		
Khaparkheda				
Unit 1	3.39	3.39	175	115
Unit 2	3.86	3.86	210	120
Unit 3	3.85	3.85	180	130
Unit 4	3.84	3.84	182	132
Unit 5	10.71	10.71	500	300
Total	25.65	25.65		
Nasik				
Unit 3	3.66	3.66	182	124
Unit 4	3.63	3.63	190	124
Unit 5	3.32	3.32	170	114
Total	10.61	10.61		
Uran				
All Units	6.83	6.83	292	275
Total	6.83	6.83		
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)	0.26	0.26	47	0
Total	0.26	0.26		
Koyna				
Stage 1-2	2.00	2.00	270	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	3.92	3.92	750	0
Stage 3	1.48	1.48	160	0
Total	7.39	7.39		
Hydro				
KDPH	0.73	0.73	31	30
VTRNA	0.92	0.92	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.06	2.06	89	81
GHATGHAR	0.00	0.00	0	0
Total	3.70	3.70		
Wind				
Total	22.09	22.09	0	0
Total	22.09	22.09		
CPP				
APML(Mus)	57.85	57.85	0	0
JSWEL(Mus)	26.19	26.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.38	29.38	0	0
SWPGPL-Mus	11.58	11.58	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.41	5.41	268	160
Other(Mus)	8.54	8.54	0	0
JPL	5.35	5.35	254	208
Total	144.29	144.29		
SOLAR				
Total	18.23	18.23	0	0
Total	18.23	18.23		
Tata				
Trombay 5	7.10	7.10	418	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	2.59	108	108
Trombay 7B	1.55	1.55	65	64
TATA Hydro	3.53	3.53	345	50
Trombay 8	3.67	3.67	230	132
Total	18.44	18.44		
AEML				
DTPS U-1&2	10.05	10.05	501	286
Total	10.05	10.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.60	164.60	MSPGCL Total	182.52	182.52
			MSPGCL Thml+Gas	171.43	171.43	Koyna 1,2 & 4 Total	5.91	5.91
			MSPGCL Hydro	11.09	11.09	State Total	395.62	395.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	8398	1346	289	10033	1107	6833	0	0	8048	8004	-1703	23847	0	0	23847	3348	426	27622	50.03
2	7906	1194	289	9389	1112	6850	0	0	8323	7916	-1609	23257	0	0	23257	3136	400	26794	50.02
3	7834	1065	289	9188	1032	6862	0	0	8239	7788	-1589	22898	0	0	22898	2914	383	26195	50.01
4	7777	1184	289	9250	975	7034	0	0	7667	7292	-1606	22568	0	0	22568	2750	378	25695	50.00
5	7698	1167	289	9154	868	7035	0	0	7687	7211	-1512	22385	0	0	22385	2660	371	25416	49.97
6	7679	951	290	8920	884	7071	0	1	8175	7588	-1525	22518	0	0	22518	2645	421	25584	49.99
7	7717	356	288	8361	732	7031	0	112	8172	7563	-1413	21929	0	1	21929	2547	457	24933	50.02
8	6724	236	286	7246	494	6286	0	622	7849	7127	-1379	19939	0	6	19939	2524	457	22920	50.02
9	5831	190	285	6306	350	5396	0	1278	7898	7822	-1404	19273	0	1	19273	2593	475	22341	50.03
10	5526	178	284	5988	301	5308	0	1846	7883	7494	-1439	19007	0	0	19007	2711	490	22209	50.00
11	5590	157	278	6025	387	4758	0	2174	8323	8171	-1820	19216	0	0	19216	2868	479	22563	49.99
12	5701	160	279	6140	557	5211	0	2353	8148	8154	-1876	20055	0	3	20055	3004	485	23543	49.97
13	5755	152	279	6186	784	4861	0	2376	8168	7515	-1996	19247	0	3	19247	3037	479	22763	49.96
14	5451	152	275	5878	1136	4717	0	2321	8738	7576	-2090	19060	0	0	19060	3008	478	22546	50.02
15	5494	156	277	5927	1322	4749	0	2069	8671	7749	-2134	19192	0	0	19192	3056	491	22738	49.95
16	6122	178	276	6576	1365	5442	0	1622	7351	7258	-2079	19684	0	0	19684	3103	500	23287	49.97
17	6147	239	279	6665	1525	5501	0	1017	7573	6972	-2075	19094	0	0	19094	3003	511	22608	50.01
18	6146	296	280	6722	1476	5484	0	401	7165	7031	-1868	18729	0	0	18729	2875	517	22121	50.01
19	6827	309	283	7419	1106	5501	0	36	6984	6765	-1725	18575	0	0	18575	2811	527	21913	49.98
20	7327	526	287	8140	942	5977	0	0	7161	6980	-1673	19872	0	0	19872	2897	494	23263	50.04
21	7669	221	287	8177	981	6304	0	0	7068	6581	-1600	19955	0	0	19955	2942	488	23385	50.02
22	7623	222	290	8135	957	6315	0	0	6789	6901	-1627	20200	0	0	20200	2965	481	23646	50.04
23	7820	233	287	8340	896	6677	0	0	6912	7025	-1639	20829	0	0	20829	3050	471	24349	50.03
24	7838	222	292	8352	800	7089	0	0	7211	7025	-1728	21100	0	0	21100	3157	438	24695	50.02
MUs	164.60	11.09	6.83	182.52	22.09	144.29	0.00	18.23	186.20	177.51	-41.11	492.43	0.00	0.01	492.43	69.60	11.10	573.13	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)132 KV BBLR TO Rahuri line over Load Alarm 488 AMP/102.12 MW.

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

Details of Generating Unit Outages/Trippings for 01/May/2024

Position as on 6.30 Hrs of 02/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	01/05/2024	01:46	01/05/2024	08:24	For attending hotspot on Yph line isoator 425-89 L of GT_8 at 400 KV Koradi II Substation.	01/05/2024
MSPGCL	Chandrapur Unit 5	500	01/05/2024	11:15	02/05/2024	02:33	SUPER HEATER DRAIN LINE Leakage attending	
MSPGCL	Bhusawal Unit 3	210	02/05/2024	01:32		Continued.	Boiler Tube Leakage	
Total Capacity MSPGCL		1490						
IPP								
IPP	JSW (J) U3	300	27/04/2024	23:52	01/05/2024	01:45	CW Duct heavy leakage.	30/04/2024
Total Capacity IPP		300						
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		2110						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 6	108	30/04/2024	05:59		Continued.	Zero schedule	
MSPGCL	Uran Unit 5	108	30/04/2024	06:16		Continued.	Zero schedule	
Total Capacity MSPGCL		216						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		216						
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 generataor with tri-party agreement in between generatos & discom (Case-IV bidding)

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2024

Statement-VII

Position as on 6.30 Hrs of 02/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	23/04/2024	09:38			HT	For load management.
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.
PARLI - KARJAT CKT - 1	IntraState	30/04/2024	23:36	01/05/2024	04:03	EO	Distance relay testing in view of non operation of auto reclose on Dt.26.04.2024.
NAGOTHANE - DABHOL CKT - 2	IntraState	01/05/2024	12:22	01/05/2024	15:46	T	Tripped on distance protection.
KORADI - KHADKA	IntraState	01/05/2024	15:17	01/05/2024	18:30	T	Tripped on distance protection.
DEEPNAGAR - THAPTI TANDA	IntraState	01/05/2024	15:57	01/05/2024	19:56	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.
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 @ JEJURI	IntraState	01/05/2024	12:48	01/05/2024	22:42	PO	For attending inline oil pumps of ICT 3 R ph unit oil cooling system.
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
132KV GIRWALI(220KV)-LATUR MIDC CKT	IntraState	30/04/2024	20:04	01/05/2024	01:50	HT	Broken conductor indication ct problem at qirawali end.
RAYMOND - WASHALA	IntraState	01/05/2024	06:32	01/05/2024	19:05	T	Distance Protection
KHAREPATAN -PAWAS LINE	IntraState	01/05/2024	06:41	01/05/2024	15:26	T	Tripped on distance protection
132 KV PADEGAON - CANPACK I	IntraState	01/05/2024	09:01	01/05/2024	19:56	HT	1.back up relay retrofitting work by testing team. 2.annual maintenance and diagnostic testing work , work of replacement of existing bolted clamps and connector of 132 kv canpack-2 bay at 220 kv padegaon s/s by agency. 3.diagnostic testing & relay testing work at 132 kv canapck-2 & 132 kv sat end.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	01/05/2024	15:59	02/05/2024	02:28	PO	Replacement of old disc insulator with porcelain long rod insulator strings, replacement of the cross arm at loc no 114, . Suspension nut bolt tightening work.
RANJANGAON - U TECH SUGAR CKT	IntraState	01/05/2024	17:02	01/05/2024	20:02	PO	Replacement of flashover disc insulator string at loc no. 247 R-ph, 37 B-ph,39 R-ph,73 Y-ph,63 B-ph & conductor damage at loc no. 248-249

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2024

Statement-VII

Position as on 6.30 Hrs of 02/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
FLAGSHIP-CHINCHWAD	IntraState	02/05/2024	07:27			PO	To remove bird nest above R ph CT gantry, to apply bird pesto medicine & lower down the flags to arrest arrival of birds.
220 KV ICT Outages/Trippings							
220/100 KV 100MVA NO 4 @ CHINCHWAD	IntraState	01/05/2024	07:34	01/05/2024	20:44	PO	1) H.V C.B Pole Overhauling work . (ABB Make) 2) LV CB Pole & Mechanisim overhauling work.(ABB Make) 3) LV LA Replacement Work
220/22KV 50MVA PTR 1 @ CHAKAN PHASE II	IntraState	01/05/2024	09:10	01/05/2024	17:36	PO	Diagnostic testing work , OLTC overhauling work, Yearly maintenance .
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	01/05/2024	06:22	01/05/2024	13:51	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.

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