

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/May/2024 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	167.063	876.750	1) Gujrat	2.292	10.114
2) Hydro	18.934	73.207	2) Madhya Pradesh	6.767	32.000
3) Gas	4.462	32.066	3) Chattisgarh	2.630	12.920
Total MSPGCL	190.459	982.023	4) Maharashtra	189.170	904.157
B) 1) APLM	67.896	320.474	5) Goa (Amona)	-2.031	-10.286
2) JSWEL	28.748	139.426	Total	198.828	948.905
3) VIPL	0.000	0.000	a) Mumbai Schedule	39.534	192.502
4) RPL(AMT)	31.657	150.069	b) Mumbai Drawl	42.969	208.918
5) SWPGPL	12.255	60.897	c) MSEDCL Bilateral *	91.081	425.695
6) Other IPP	17.914	92.364	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	39.534	192.502
C) 1) TPCL Thermal	12.601	64.260	Include PX	0.000	0.000
2) TPCL Hydro	2.753	22.821	Standby	0.000	0.000
3) TPCL Gas	3.824	18.506	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.336	46.290	1) MSEDCL	533.682	2617.327
D) STATE			2) Mumbai Discoms	67.483	360.794
1) Thermal	343.470	1750.530	3) Other Discoms	11.225	55.967
(A1+C1+C4+(B1-B6))			TOTAL STATE	612.390	3034.088
2) Hydro	21.687	96.028			
(A2+C2)					
3) Gas	8.286	50.572			
(A3+B7+C3)					
4) Wind	21.321	93.190			
6) SOLAR	18.798	94.864			
TOTAL STATE	413.562	2085.184			

* 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 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6516	6935	7150	6889
MSPGCL Hydro	350	168	575	293
MSPGCL Gas	139	138	282	144
MSPGCL Total Generation	7005	7241	8007	7326
Central Sector Receipt	9240	9008	8331	7783
WIND	523	742	1156	712
CPP / IPP Thermal	5471	6487	7068	6659
CPP / IPP Gas	0	0	0	0
SOLAR	2410	1634	0	638
Exchange with Mumbai	-2093	-2018	-1930	-1587
MSEDCL DEMAND MET	22056	22589	22145	21051
Load Shedding	0	0	0	0
MSEDCL DEMAND	22056	22589	22145	21051
TPCL GENERATION	583	904	729	628
AEML GENERATION	222	235	239	184
MUMBAI DEMAND	2898	3157	2898	2399
OTHER DISCOM DEMAND	500	505	487	480
STATE DEMAND MET	25454	26251	25530	23930
STATE DEMAND	25454	26251	25530	23930
Frequency (Hz)	49.94	50.01	49.99	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.37 Hz at 18.02 Hrs	49.79 Hz at 00.07 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 05/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.45	21.32	190	180
Unit 8	0.00	35.12	0	0
Unit 9	14.36	68.80	608	592
Unit 10	14.54	70.46	620	585
Total	33.34	195.71		
Bhusawal				
Unit 3	3.38	10.62	165	120
Unit 4	10.50	52.07	470	405
Unit 5	0.00	39.26	0	0
Total	13.88	101.95		
Parli				
Unit 6	4.88	22.71	249	146
Unit 7	4.67	22.57	248	133
Unit 8	4.72	22.11	241	143
Total	14.27	67.38		
Chandrapur				
Unit 3	3.45	17.62	163	120
Unit 4	3.71	18.45	167	125
Unit 5	9.58	40.25	445	285
Unit 6	8.95	39.56	415	290
Unit 7	9.92	45.88	467	296
Unit 8	10.67	52.23	460	410
Unit 9	10.38	54.47	489	290
Total	56.66	268.46		
Paras				
Unit 3	5.39	26.18	236	195
Unit 4	5.83	27.65	252	222
Total	11.23	53.83		
Khaparkheda				
Unit 1	3.24	17.49	165	110
Unit 2	4.38	21.80	201	145
Unit 3	3.93	19.92	178	133
Unit 4	4.22	20.62	192	137
Unit 5	10.66	54.45	480	400
Total	26.43	134.28		
Nasik				
Unit 3	3.26	18.15	179	0
Unit 4	4.25	19.63	187	123
Unit 5	3.74	17.34	165	120
Total	11.25	55.13		
Uran				
All Units	4.46	32.07	372	137
Total	4.46	32.07		
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)	0.32	1.37	43	0
Total	0.32	1.37		
Koyna				
Stage 1-2	4.10	16.66	525	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	7.77	27.39	937	0
Stage 3	2.83	10.14	320	0
Total	14.70	54.19		
Hydro				
KDPH	0.70	3.55	29	29
VTRNA	0.93	4.60	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.91	9.84	82	78
GHATGHAR	0.69	1.03	250	0
Total	4.23	19.02		
Wind				
Total	21.32	93.19	0	0
Total	21.32	93.19		
CPP				
APML(Mus)	67.90	320.47	0	0
JSWEL(Mus)	28.75	139.43	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.66	150.07	0	0
SWPGPL-Mus	12.26	60.90	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.29	26.39	266	162
Other(Mus)	7.33	39.49	0	0
JPL	5.29	26.48	246	206
Total	158.47	763.23		
SOLAR				
Total	18.80	94.86	0	0
Total	18.80	94.86		
Tata				
Trombay 5	8.13	42.09	447	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	11.34	108	60
Trombay 7B	1.46	7.16	64	50
TATA Hydro	2.75	22.82	315	7
Trombay 8	4.47	22.17	231	132
Total	19.18	105.59		
AEML				
DTPS U-1&2	5.34	46.29	247	166
Total	5.34	46.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	167.06	876.75	MSPGCL Total	190.46	982.02
			MSPGCL Thml+Gas	171.52	908.82	Koyna 1,2 & 4 Total	11.88	44.05
			MSPGCL Hydro	18.93	73.21	State Total	413.56	2085.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	7291	2200	288	9779	1042	7080	0	0	7839	7653	-1674	23453	0	0	23453	3065	427	26945	49.97
2	7238	1982	289	9509	1142	7078	0	0	7605	7756	-1604	23479	0	0	23479	2872	402	26753	50.02
3	7191	1693	166	9050	1145	7074	0	0	7538	7577	-1521	22968	0	0	22968	2704	357	26029	50.02
4	7078	1329	142	8549	1104	7080	0	0	7561	7420	-1444	22351	0	0	22351	2572	358	25281	50.00
5	7026	1275	142	8443	1001	7058	0	0	7665	7850	-1466	22500	0	0	22500	2499	386	25385	49.96
6	6955	1279	142	8376	1055	7062	0	0	8223	8018	-1477	22624	0	0	22624	2494	410	25528	49.99
7	7016	863	145	8024	972	6969	0	118	8249	8141	-1464	22311	0	3	22311	2428	449	25188	50.02
8	6889	293	144	7326	712	6659	0	638	8181	7783	-1587	21051	0	6	21051	2399	480	23930	50.04
9	6515	270	141	6926	579	5924	0	1305	8563	8399	-1667	20960	0	0	20960	2493	506	23959	50.13
10	6797	155	140	7092	535	6079	0	1923	8899	8056	-1741	21443	0	0	21443	2609	501	24553	50.00
11	6592	151	138	6881	481	5775	0	2308	9423	8925	-1949	21920	0	0	21920	2766	501	25187	49.95
12	6516	350	139	7005	523	5471	0	2410	9605	9240	-2093	22056	0	6	22056	2898	500	25454	49.94
13	6662	219	137	7018	522	5751	0	2409	9233	8940	-2128	22009	0	10	22009	2952	503	25464	49.95
14	6609	159	138	6906	643	5487	0	2336	9600	8922	-2070	21738	0	10	21738	2994	486	25218	49.93
15	6805	147	139	7091	687	5744	0	2135	9687	9244	-2117	22317	0	10	22317	3101	467	25885	49.97
16	6935	168	138	7241	742	6487	0	1634	9304	9008	-2018	22589	0	9	22589	3157	505	26251	50.01
17	6984	352	139	7475	877	6613	0	1053	8936	8787	-1926	22342	0	8	22342	3029	537	25908	49.99
18	7133	283	146	7562	1145	6878	0	471	8533	8428	-1939	22022	0	2	22022	2848	523	25393	50.00
19	7207	272	183	7662	1273	6926	0	58	8302	8042	-1893	21550	0	0	21550	2755	518	24823	50.07
20	7220	722	196	8138	1281	7045	0	0	8348	8130	-1931	22156	0	0	22156	2862	507	25525	49.97
21	7150	575	282	8007	1156	7068	0	0	8362	8331	-1930	22145	0	0	22145	2898	487	25530	49.99
22	7097	753	287	8137	998	7067	0	0	8049	8245	-1905	22056	0	0	22056	2928	486	25470	49.97
23	7077	1639	289	9005	866	7031	0	0	7492	7750	-1686	22501	0	0	22501	3020	465	25986	50.00
24	7080	1805	372	9257	840	7064	0	0	7766	8183	-1739	23141	0	0	23141	3140	464	26745	50.03
MUs	167.06	18.93	4.46	190.46	21.32	158.47	0.00	18.80	202.96	198.83	-42.97	533.68	0.00	0.06	533.68	67.48	11.22	612.39	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 :-

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 05/May/2024

Position as on 6.30 Hrs of 06/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	Bhusawal Unit 5	500	05/05/2024	00:00		Continued.	Boiler tube leakage attending work.	07/05/2024
MSPGCL	Uran Unit 8	108	05/05/2024	02:13	05/05/2024	17:32	filter replacement work	05/05/2024
MSPGCL	Nasik Unit 3	210	05/05/2024	20:20		Continued.	Boiler Tube Leakage	08/05/2024
MSPGCL	Koyna STG-IV Unit-3	250	05/05/2024	21:43	06/05/2024	00:10	Ruptured bolt problem	
MSPGCL	Ghatghar Unit-1	125	05/05/2024	21:45		Continued.	AVR fault	06/05/2024
MSPGCL	Uran Unit 5	108	06/05/2024	00:18		Continued.	THRUST BEARING TRIP	
MSPGCL	Khaparkheda Unit 4	210	06/05/2024	01:17		Continued.	Drum Level Very High	06/05/2024
Total Capacity MSPGCL		2291						
AEML								
AEML	AEML Unit 2	250	04/05/2024	19:05		Continued.	Boiler Tube Leakage	07/05/2024
Total Capacity AEML		250						
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		2861						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 5	108	02/05/2024	15:30	06/05/2024	00:00	Unit is under zero schedule.	
MSPGCL	Uran Unit 6	108	02/05/2024	17:28	05/05/2024	23:04	Zero schedule.	
MSPGCL	Uran Unit 6	108	06/05/2024	01:12		Continued.	No schedule from MSEDCL	
Total Capacity MSPGCL		324						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		324						
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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/May/2024

Position as on 6.30 Hrs of 06/May/2024

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

Statement-VII

Position as on 6.30 Hrs of 06/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							
MAIN BAY (405) OF KHADKA CKT - 1 @ DEEPNAGAR	IntraState	06/05/2024	08:26			PO	For Demonstration of CB CRM KIT by external agency
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	04/05/2024	18:52	05/05/2024	10:22	T	Line tripped on distance protection
AKOLA - WARDHA(PG) CKT - 1	InterState	05/05/2024	14:31	06/05/2024	00:42	HT	for porcelain insulator replacement work
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	05/05/2024	22:15	HT	For load management.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/05/2024	22:11			HT	For faciliating outage on 765 Kv Aurangabad - Padghe line.
DABHOL - NEW KOYNA CKT - 2	IntraState	05/05/2024	06:13	05/05/2024	21:45	T	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.
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/220 KV 3X105 MVA ICT - 1 @ KHARGHAR	IntraState	05/05/2024	18:33	06/05/2024	04:13	PO	For Diagnostic and Testing Activities
400/220/33 KV 315 MVA ICT - 2 @ PARLI	IntraState	06/05/2024	09:24			PO	1) IV B/U relay testing work.2) Bay Maintenance 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
TBC @ HINJEWADI-2	IntraState	06/05/2024	08:55			PO	Half yearly maintenance and diagnostic testing
220 KV LINE Outages/Trippings							
KHARGHAR - ULWE GIS CKT-1	IntraState	19/04/2024	15:22			T	Wavetrap uncoiled at Kharghar end
JEJURI (400 KV)-JEJURI- II	IntraState	04/05/2024	17:51	05/05/2024	04:44	PO	For Retrofitting of Distance protection relay to be carried out by GE.
TALANDGE - MUDSHINGI CKT - 1	IntraState	04/05/2024	18:02	05/05/2024	23:50	PO	Testing of CT having higher side C & tan delta value
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	04/05/2024	23:16	05/05/2024	06:36	PO	Replacement of old disc insulator with porcelain long rod insulator strings, Suspension nut bolt tightening work.
BUS SECTION-5 @ TROMBAY (TATA)	IntraState	05/05/2024	00:35	05/05/2024	09:36	PO	220KV Tata Trombay Carnac 5 will remain out from 0600 hrs to 1700 hrs on 5th may, Trombay vikhroli 1/ Carnac 7 will remain in service between Trombay and Carnac and open isolated at trombay,Trombay Dharavi-6 will remain charge from Dharavi & Trombay Antop Hill-2 will kept openat both end.ST-7 not available . Station supply will be feed through ST-5. Transfer Breaker-2 will not be available. GT 7A and ST7B breaker will kept open.
TROMBAY CARNAC - 5	IntraState	05/05/2024	07:52	05/05/2024	11:40	PO	Work in vicinity
KANDALGAON - PIRANGUT	IntraState	05/05/2024	10:25	06/05/2024	07:26	PO	For attending hot spots at Loc No. 8,10,126,127 & 130.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2024

Statement-VII

Position as on 6.30 Hrs of 06/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KALWA SALSETTE - 4	IntraState	05/05/2024	11:41	05/05/2024	15:28	PO	Providing bird diverter in span 24-25-26
KALWA - MULUND 1	IntraState	05/05/2024	16:22	05/05/2024	21:21	PO	1. CT Tandelta and CT IR Test 2.CB CRM,Timing and IR test 2. bay Maintenance work.
220 KV ICT Outages/Trippings							
220/132 KV 200 MVA ICT 1 @ RAYMOND	IntraState	04/05/2024	08:42	05/05/2024	14:10	PO	1. Attending trouble shooting problem of BHEL Make OLTC 2. Diagnostic Testing of ICT and other equipment's 3. Complete bay maintenance work.
220 / 110 / 33kv 250MVA ICT 8 @ DHARAVI	IntraState	05/05/2024	09:34	05/05/2024	15:09	PO	R/M, PM checks, device trials, LT cable box inspection
220/100 KV 100 MVA ICT 1 @ TAMBATI	IntraState	06/05/2024	09:12			PO	Top inspection window & Y phase LV bushing oil leakage attending work by agency & other maintenance works.
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	05/05/2024	07:51	05/05/2024	17:19	PO	For earthwire replacement & routine maintenance work
KANHAN-PENCH	IntraState	06/05/2024	06:42			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.
110 KV BUSBAR Outages/Trippings							
ZONE 2 (BUS SECTION 2&3) @ KHOPOLI	IntraState	05/05/2024	11:52	05/05/2024	19:55	PO	R/M of Main bus side GODs

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