

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/May/2024 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.910	1038.660	1) Gujrat	3.094	13.208
2) Hydro	19.530	92.737	2) Madhya Pradesh	8.284	40.284
3) Gas	8.876	40.942	3) Chattisgarh	3.480	16.400
Total MSPGCL	190.316	1172.339	4) Maharashtra	205.349	1109.506
B) 1) APLM	68.739	389.213	5) Goa (Amona)	-2.068	-12.354
2) JSWEL	28.948	168.374	Total	218.139	1167.044
3) VIPL	0.000	0.000	a) Mumbai Schedule	46.097	238.599
4) RPL(AMT)	31.670	181.739	b) Mumbai Drawl	46.130	255.048
5) SWPGPL	12.381	73.278	c) MSEDCL Bilateral *	92.122	517.818
6) Other IPP	18.893	111.257	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	46.097	238.599
C) 1) TPCL Thermal	13.655	77.915	Include PX	0.000	0.000
2) TPCL Hydro	5.384	28.205	Standby	0.000	0.000
3) TPCL Gas	3.885	22.391	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.819	54.109	1) MSEDCL	551.379	3168.706
D) STATE			2) Mumbai Discoms	76.873	437.667
1) Thermal	344.015	2094.545	3) Other Discoms	11.740	67.707
(A1+C1+C4+(B1-B6))			TOTAL STATE	639.992	3674.080
2) Hydro	24.914	120.942			
(A2+C2)					
3) Gas	12.761	63.333			
(A3+B7+C3)					
4) Wind	21.500	114.690			
6) SOLAR	18.663	113.527			
TOTAL STATE	421.853	2507.037			

* 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	6361	6790	6987	6719
MSPGCL Hydro	627	358	932	206
MSPGCL Gas	444	360	451	291
MSPGCL Total Generation	7432	7508	8370	7216
Central Sector Receipt	10557	9922	8826	8750
WIND	373	898	1561	499
CPP / IPP Thermal	6064	6816	6871	6798
CPP / IPP Gas	0	0	0	0
SOLAR	2353	1652	0	672
Exchange with Mumbai	-2470	-2133	-1767	-1800
MSEDCL DEMAND MET	23767	24146	23328	21642
Load Shedding	0	0	0	0
MSEDCL DEMAND	23767	24146	23328	21642
TPCL GENERATION	1008	1166	1111	673
AEML GENERATION	246	490	432	194
MUMBAI DEMAND	3724	3789	3310	2667
OTHER DISCOM DEMAND	542	517	533	493
STATE DEMAND MET	28033	28452	27171	24802
STATE DEMAND	28033	28452	27171	24802
Frequency (Hz)	50.02	50.04	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 18.02 Hrs	49.82 Hz at 05.53 Hrs	50.01	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 06/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.24	25.56	185	145
Unit 8	0.00	35.12	0	0
Unit 9	14.43	83.23	610	588
Unit 10	14.43	84.90	650	580
Total	33.10	228.81		
Bhusawal				
Unit 3	3.52	14.14	175	125
Unit 4	11.18	63.26	485	435
Unit 5	0.46	39.71	130	0
Total	15.16	117.10		
Parli				
Unit 6	5.02	27.72	250	143
Unit 7	4.60	27.17	245	130
Unit 8	4.99	27.09	246	143
Total	14.61	81.99		
Chandrapur				
Unit 3	3.75	21.37	163	144
Unit 4	3.90	22.35	169	145
Unit 5	9.74	50.00	435	315
Unit 6	9.43	48.99	445	305
Unit 7	9.98	55.86	480	311
Unit 8	10.72	62.95	455	440
Unit 9	11.38	65.85	498	439
Total	58.90	327.36		
Paras				
Unit 3	4.96	31.14	235	165
Unit 4	5.49	33.14	251	206
Total	10.46	64.29		
Khaparkheda				
Unit 1	2.76	20.26	150	55
Unit 2	3.28	25.08	176	94
Unit 3	3.34	23.26	155	131
Unit 4	1.14	21.77	145	0
Unit 5	11.04	65.49	490	415
Total	21.57	155.85		
Nasik				
Unit 3	0.00	18.15	0	0
Unit 4	4.33	23.96	185	161
Unit 5	3.80	21.14	166	138
Total	8.14	63.26		
Uran				
All Units	8.88	40.94	464	289
Total	8.88	40.94		
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	1.37	0	0
Total	0.00	1.37		
Koyna				
Stage 1-2	3.66	20.32	460	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	9.23	36.63	1018	0
Stage 3	2.81	12.95	320	0
Total	15.70	69.89		
Hydro				
KDPH	0.70	4.25	29	29
VTRNA	0.75	5.35	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.86	11.70	83	72
GHATGHAR	0.52	1.55	125	0
Total	3.83	22.85		
Wind				
Total	21.50	114.69	0	0
Total	21.50	114.69		
CPP				
APML(Mus)	68.74	389.21	0	0
JSWEL(Mus)	28.95	168.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.67	181.74	0	0
SWPGPL-Mus	12.38	73.28	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.63	32.02	268	176
Other(Mus)	7.36	46.86	0	0
JPL	5.90	32.38	267	230
Total	160.63	923.86		
SOLAR				
Total	18.66	113.53	0	0
Total	18.66	113.53		
Tata				
Trombay 5	8.86	50.95	454	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	13.75	108	84
Trombay 7B	1.48	8.64	64	56
TATA Hydro	5.38	28.20	389	80
Trombay 8	4.80	26.97	229	137
Total	22.92	128.51		
AEML				
DTPS U-1&2	7.82	54.11	496	154
Total	7.82	54.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.91	1038.66	MSPGCL Total	190.32	1172.34
			MSPGCL Thml+Gas	170.79	1079.60	Koyna 1,2 & 4 Total	12.89	56.94
			MSPGCL Hydro	19.53	92.74	State Total	421.85	2507.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	7027	1661	395	9083	978	7058	0	0	8200	8131	-1724	23090	0	0	23090	3112	436	26638	50.04
2	6886	1639	303	8828	916	7030	0	0	8044	8095	-1685	22772	0	0	22772	2913	412	26097	50.02
3	6814	1713	293	8820	899	7057	0	0	7723	7793	-1746	22436	0	0	22436	2728	387	25551	50.00
4	6823	1522	294	8639	872	7053	0	0	8008	7738	-1663	22264	0	0	22264	2569	375	25208	49.97
5	6740	1296	295	8331	875	7044	0	0	8202	7818	-1627	22048	0	0	22048	2517	393	24958	49.96
6	6757	1118	294	8169	783	7038	0	0	8458	8284	-1587	22252	0	0	22252	2525	435	25212	49.91
7	6804	804	294	7902	668	7039	0	128	8681	8472	-1577	22181	0	7	22181	2521	451	25153	50.00
8	6719	206	291	7216	499	6798	0	672	8827	8750	-1800	21642	0	14	21642	2667	493	24802	50.01
9	6399	323	289	7011	470	6224	0	1325	9435	9565	-2079	22000	0	5	22000	2997	516	25513	50.01
10	6400	198	313	6911	367	6159	0	1931	10221	9984	-2351	22470	0	0	22470	3339	531	26340	49.99
11	6338	343	380	7061	387	5936	0	2233	10937	10521	-2418	23189	0	0	23189	3601	531	27321	49.99
12	6361	627	444	7432	373	6064	0	2353	10878	10557	-2470	23767	0	18	23767	3724	542	28033	50.02
13	6254	256	452	6962	472	6090	0	2467	10908	10378	-2352	23493	0	31	23493	3683	524	27700	49.96
14	6251	269	414	6934	657	5932	0	2372	10780	10255	-2285	23353	0	23	23353	3620	512	27485	49.96
15	6528	166	359	7053	847	6327	0	2019	10604	10180	-2196	23716	0	34	23716	3728	514	27958	49.92
16	6790	358	360	7508	898	6816	0	1652	10320	9922	-2133	24146	0	32	24146	3789	517	28452	50.04
17	6803	560	362	7725	1061	6947	0	1037	9851	9732	-2029	23950	0	36	23950	3729	523	28202	50.08
18	6889	955	366	8210	1348	6811	0	431	9419	9341	-2000	23594	0	27	23594	3573	547	27714	50.06
19	6909	606	396	7911	1552	6856	0	43	9442	9067	-2034	22840	0	4	22840	3359	555	26754	50.06
20	6987	932	451	8370	1561	6871	0	0	9192	8826	-1767	23328	0	0	23328	3310	533	27171	50.04
21	7084	602	462	8148	1441	6863	0	0	8898	8769	-1721	22974	0	0	22974	3225	526	26725	50.04
22	7064	529	464	8057	1173	6877	0	0	8819	8722	-1667	22646	0	0	22646	3161	516	26323	50.01
23	7126	1212	460	8798	1130	6872	0	0	8615	8778	-1590	23492	0	0	23492	3212	496	27200	50.06
24	7157	1635	445	9237	1273	6869	0	0	8542	8461	-1629	23736	0	0	23736	3271	475	27482	50.06
MUs	161.91	19.53	8.88	190.32	21.50	160.63	0.00	18.66	223.00	218.14	-46.13	551.38	0.00	0.23	551.38	76.87	11.74	639.99	50.01

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 132kV BBLR to Rahuri line overload, 2) 220kV Alephata line ICT overload. 3)DLS carried out due to overloading of 220kV Alephata - BBLR line.

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

Details of Generating Unit Outages/Trippings for 06/May/2024

Position as on 6.30 Hrs of 07/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	06/05/2024	20:08	Boiler tube leakage attending work.	07/05/2024
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	06/05/2024	12:25	AVR fault	06/05/2024
MSPGCL	Uran Unit 5	108	06/05/2024	00:18	06/05/2024	10:43	THRUST BEARING TRIP	06/05/2024
MSPGCL	Khaparkheda Unit 4	210	06/05/2024	01:17	06/05/2024	15:45	Drum Level Very High	06/05/2024
Total Capacity MSPGCL		2183						
AEML								
AEML	AEML Unit 2	250	04/05/2024	19:05	06/05/2024	11:56	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		2753						
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	06/05/2024	01:12	06/05/2024	09:35	No schedule from MSEDCL	
MSPGCL	Uran Unit 6	108	06/05/2024	13:43	06/05/2024	18:39	Zero Schedule given by MSEDCL.	
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		540						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		540						
FORCED OUTAGE DUE TO NO PPA								
IPP								
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 06/May/2024

Position as on 6.30 Hrs of 07/May/2024

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

Statement-VII

Position as on 6.30 Hrs of 07/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	06/05/2024	16:47	PO	For Demonstration of CB CRM KIT by external agency
TBC @ KARAD	IntraState	06/05/2024	11:15			PO	For Panel rewiring work and retrofitting of LBB Relay
400 KV LINE Outages/Trippings							
AKOLA - WARDHA(PG) CKT - 1	InterState	05/05/2024	14:31	06/05/2024	00:42	HT	for porcelain insulator replacement work
DHULE - SSNNL CKT - 2	InterState	06/05/2024	13:39	06/05/2024	15:14	T	AR successful at dhule end, tripped at ssnnl ckt.
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 - 2	IntraState	01/05/2024	22:11			HT	For faciliating outage on 765 Kv Aurangabad - Padghe line.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	06/05/2024	13:35	06/05/2024	18:45	EO	Hot spot on B-ph CT.
220 KV KORADI (400KV) - KHAPARKHEDA CKT	IntraState	06/05/2024	14:17	06/05/2024	18:42	T	Distance protection.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	07/05/2024	05:41			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.
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	06/05/2024	17:15	PO	1) IV B/U relay testing work.2) Bay Maintenance work.
400/220/33 KV 167 MVA SPARE ICT @ WALUJ	IntraState	06/05/2024	10:58	06/05/2024	17:08	PO	1) TF Diagnostic Testing Work. 2) Tertiary Delta 33kV Side IPS Tube High Insulation Compound Coating 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	06/05/2024	13:38	PO	Half yearly maintenance and diagnostic testing
220KV BUS PT BAY @220KV HINGANGHAT S/S	IntraState	06/05/2024	11:02	06/05/2024	19:25	PO	For replacement of 220kv R-ph bus pt due to oil leakage.
220 KV LINE Outages/Trippings							
KHARGHAR - ULWE GIS CKT-1	IntraState	19/04/2024	15:22			T	Wavetrap uncoiled at Kharghar end
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.
220KV BADNERA -220KV AVAADA(DHAMANGAON) SOLAR	IntraState	06/05/2024	09:52	06/05/2024	17:46	PO	For replacement of flash over disc.
132 KV PATHRI - PARBHANI CKT	IntraState	06/05/2024	09:54	06/05/2024	13:30	PO	For replacement of flash over disc.
220 KV PARTUR - NAGEWADI CKT 1	IntraState	06/05/2024	10:31	06/05/2024	15:45	PO	For replacement of flash over string.
220 KV PARTUR - NAGEWADI CKT 2	IntraState	06/05/2024	15:50	06/05/2024	18:36	PO	For replacement of R-Ph flashover string.
MIRAJ - ICHALKARANJI	IntraState	06/05/2024	17:10	06/05/2024	22:17	PO	Replacement Work of Back up Relay
TALANDGE - ICHALKARANJI 1	IntraState	06/05/2024	17:15	06/05/2024	21:02	PO	Q/M of bay. CT to stub bus jump replacement work by agency.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2024

Statement-VII

Position as on 6.30 Hrs of 07/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
220 KV ICT Outages/Trippings							
220/100 KV 100 MVA ICT 1 @ TAMBATI	IntraState	06/05/2024	09:12	06/05/2024	16:35	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	06/05/2024	06:42	06/05/2024	16:15	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	06/05/2024	20:21	PO	Tower erection at Location no 24 and Conductor Shifting and stringing. Dismantling of Existing tower.

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