

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jun/2024 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.101	1570.146	1) Gujrat	-4.065	7.603
2) Hydro	8.270	99.719	2) Madhya Pradesh	-2.512	22.593
3) Gas	6.652	69.354	3) Chattisgarh	2.360	25.900
Total MSPGCL	153.023	1739.219	4) Maharashtra	178.438	2005.506
B) 1) APLM	45.355	616.903	5) Goa (Amona)	-1.935	-21.521
2) JSWEL	25.086	268.032	Total	172.286	2040.081
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.878	456.141
4) RPL(AMT)	30.625	292.686	b) Mumbai Drawl	41.607	475.955
5) SWPGPL	11.776	121.900	c) MSEDCL Bilateral *	73.694	896.042
6) Other IPP	13.987	147.846	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.878	456.089
C) 1) TPCL Thermal	12.228	130.921	Include PX	0.000	0.000
2) TPCL Hydro	5.104	56.414	Standby	0.000	0.053
3) TPCL Gas	4.120	40.835	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.196	93.516	1) MSEDCL	433.757	4962.811
D) STATE			2) Mumbai Discoms	72.255	797.641
1) Thermal	286.354	3241.950	3) Other Discoms	11.612	116.031
(A1+C1+C4+(B1-B6))			TOTAL STATE	517.624	5876.483
2) Hydro	13.374	156.133			
(A2+C2)					
3) Gas	10.772	110.189			
(A3+B7+C3)					
4) Wind	19.991	173.413			
6) SOLAR	14.847	154.717			
TOTAL STATE	345.338	3836.402			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4997	6639	6839	5203
MSPGCL Hydro	196	544	950	169
MSPGCL Gas	287	286	289	295
MSPGCL Total Generation	5480	7469	8078	5667
Central Sector Receipt	8547	7860	7461	5808
WIND	374	1289	1141	876
CPP / IPP Thermal	4976	4939	5950	5256
CPP / IPP Gas	0	0	0	0
SOLAR	1902	248	0	0
Exchange with Mumbai	-2274	-2074	-1647	-1310
MSEDCL DEMAND MET	18489	19177	20435	15920
Load Shedding	0	0	0	0
MSEDCL DEMAND	18489	19177	20435	15920
TPCL GENERATION	830	854	1157	676
AEML GENERATION	335	472	467	333
MUMBAI DEMAND	3439	3400	3271	2319
OTHER DISCOM DEMAND	516	554	548	377
STATE DEMAND MET	22444	23131	24254	18616
STATE DEMAND	22444	23131	24254	18616
Frequency (Hz)	49.90	50.02	50.05	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 17:01 Hrs	49.76 Hz at 04:13 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 10/Jun/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.59	41.14	180	124
Unit 8	12.77	136.98	612	383
Unit 9	11.96	109.36	575	385
Unit 10	12.32	128.22	570	445
Total	40.63	415.69		
Bhusawal				
Unit 3	3.28	15.29	170	120
Unit 4	8.74	103.12	490	285
Unit 5	8.66	93.70	485	280
Total	20.68	212.11		
Parli				
Unit 6	0.00	34.93	0	0
Unit 7	0.00	26.47	0	0
Unit 8	0.00	38.18	0	0
Total	0.00	99.58		
Chandrapur				
Unit 3	3.35	36.41	164	130
Unit 4	3.38	36.87	167	125
Unit 5	7.67	57.84	430	275
Unit 6	0.00	43.23	0	0
Unit 7	8.23	90.33	457	287
Unit 8	8.40	99.51	447	275
Unit 9	9.47	76.91	492	296
Total	40.51	441.10		
Paras				
Unit 3	4.35	45.18	231	139
Unit 4	0.00	7.43	0	0
Total	4.35	52.61		
Khaparkheda				
Unit 1	3.38	36.14	165	115
Unit 2	3.62	42.92	190	111
Unit 3	3.73	29.20	174	131
Unit 4	3.94	42.86	188	131
Unit 5	10.56	110.52	490	320
Total	25.24	261.63		
Nasik				
Unit 3	3.44	34.40	165	122
Unit 4	0.00	19.19	0	0
Unit 5	3.26	33.84	151	124
Total	6.70	87.42		
Uran				
All Units	6.65	69.35	296	147
Total	6.65	69.35		
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)	0.22	0.72	53	0
Total	0.22	0.72		
Koyna				
Stage 1-2	2.45	30.86	320	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.03	27.34	441	0
Stage 3	1.19	14.24	160	0
Total	5.67	72.43		
Hydro				
KDPH	0.00	2.96	0	0
VTRNA	0.80	6.22	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.80	16.34	87	65
GHATGHAR	0.00	1.77	0	0
Total	2.60	27.29		
Wind				
Total	19.99	173.41	0	0
Total	19.99	173.41		
CPP				
APML(Mus)	45.36	616.90	0	0
JSWEL(Mus)	25.09	268.03	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.62	292.69	0	0
SWPGPL-Mus	11.78	121.90	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.60	57.21	267	189
Other(Mus)	4.22	45.00	0	0
JPL	4.16	45.64	269	128
Total	126.83	1447.37		
SOLAR				
Total	14.85	154.72	0	0
Total	14.85	154.72		
Tata				
Trombay 5	7.84	87.07	433	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	25.59	108	108
Trombay 7B	1.53	15.25	64	63
TATA Hydro	5.10	56.41	383	37
Trombay 8	4.38	43.85	232	133
Total	21.45	228.17		
AEML				
DTPS U-1&2	9.20	93.52	499	287
Total	9.20	93.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.10	1570.15	MSPGCL Total	153.02	1739.22
			MSPGCL Thml+Gas	144.75	1639.50	Koyna 1,2 & 4 Total	4.48	58.19
			MSPGCL Hydro	8.27	99.72	State Total	345.34	3836.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jun/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	5841	300	294	6435	1030	5686	0	0	5554	5308	-1304	16750	0	0	16750	2674	405	19829	50.01
2	5585	240	295	6120	823	5517	0	0	5844	5948	-1299	16718	0	1	16718	2569	391	19678	50.02
3	5773	164	295	6232	827	5380	0	0	6148	5622	-1270	16420	0	21	16420	2427	371	19218	50.02
4	5203	169	295	5667	876	5256	0	0	6370	5808	-1310	15920	0	21	15920	2319	377	18616	49.95
5	4978	176	295	5449	867	5196	0	0	6606	6510	-1325	16322	0	21	16322	2281	375	18978	49.91
6	5167	324	296	5787	813	5142	0	0	6833	6707	-1366	16679	0	21	16679	2340	405	19423	49.98
7	6153	166	294	6613	540	5172	0	127	6544	6373	-1276	17115	0	21	17115	2383	434	19932	50.02
8	5749	355	296	6400	319	5156	0	580	6964	6844	-1477	17348	0	21	17348	2558	474	20380	50.02
9	5290	219	292	5801	222	5049	0	1092	7681	7526	-1807	17373	0	21	17373	2888	510	20771	50.07
10	4903	328	289	5520	240	4978	0	1514	8325	8081	-2011	17787	0	21	17787	3215	535	21537	50.00
11	4997	196	287	5480	374	4976	0	1902	8692	8547	-2274	18489	0	21	18489	3439	516	22444	49.90
12	4817	540	288	5645	392	4641	0	2085	8698	8021	-2466	17793	0	21	17793	3554	524	21872	50.00
13	4825	517	288	5630	430	4787	0	2005	8410	8231	-2408	18154	0	21	18154	3543	521	22218	50.01
14	4792	557	289	5638	599	4692	0	1734	8600	8307	-2306	18150	0	21	18150	3462	515	22126	50.02
15	5200	361	289	5850	849	4886	0	1700	8534	8231	-2205	18797	0	21	18797	3523	513	22834	50.03
16	5537	182	282	6001	993	5061	0	1212	8633	8189	-2116	18824	0	21	18824	3544	516	22884	50.00
17	6160	290	285	6735	1012	4937	0	610	8057	8101	-1920	18942	0	21	18942	3494	533	22969	50.04
18	6639	544	286	7469	1289	4939	0	248	7919	7860	-2074	19177	0	21	19177	3400	554	23131	50.02
19	6741	460	289	7490	1107	5384	0	38	7588	7495	-1859	19098	0	21	19098	3302	557	22957	50.03
20	6839	950	289	8078	1141	5950	0	0	7499	7461	-1647	20435	0	21	20435	3271	548	24254	50.05
21	6753	384	289	7426	1218	6081	0	0	7508	7218	-1510	19908	0	21	19908	3142	525	23575	50.04
22	6732	351	186	7269	1383	5941	0	0	7232	6912	-1554	19423	0	21	19423	2990	528	22941	50.03
23	6755	313	147	7215	1411	5958	0	0	7048	6689	-1458	19325	0	21	19325	2963	490	22778	50.04
24	6672	184	217	7073	1236	6066	0	0	6773	6297	-1365	18812	0	21	18812	2974	494	22281	50.04
MUs	138.10	8.27	6.65	153.02	19.99	126.83	0.00	14.85	178.06	172.29	-41.61	433.76	0.00	0.47	433.76	72.26	11.61	517.62	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 :-

Due to failure of transformer 132/33kV 50MVAT/F No-1 & 2 failed on date-10.06.2024 at 1:56hrs and 132/33kV 50 MVA T/F No-3 on date 06.06.2024 at 18:45hrs .Total load affected -11x16 feeder- 21.09MW from 01:56Hrs to Upto.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jun/2024

Position as on 6.30 Hrs of 11/Jun/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	Ghatghar Unit-2	125	26/05/2024	13:17		Continued.	Stator Earth Fault	26/07/2024
MSPGCL	Paras Unit 4	250	05/06/2024	03:59		Continued.	Fire in GT	16/06/2024
MSPGCL	Nasik Unit 4	210	06/06/2024	19:18		Continued.	ID Fan Problem(Under Tolling from 23.00Hrs DT.06-06-2024)	
MSPGCL	Chandrapur Unit 6	500	08/06/2024	00:14	11/06/2024	02:05	Boiler Tube Leakage	10/06/2024
MSPGCL	Uran Unit B0	120	10/06/2024	21:20	10/06/2024	23:23	Instrumentation and Control Problem.	
Total Capacity MSPGCL		1325						
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		1645						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 5	108	05/06/2024	17:00		Continued.	Zero Schedule given by MSEDCL.	
MSPGCL	Uran Unit 6	108	06/06/2024	17:40		Continued.	Zero Schedule given by MSEDCL.	
MSPGCL	Parli Unit 7	250	08/06/2024	21:00		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Parli Unit 6	250	08/06/2024	21:13		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	09/06/2024	20:50		Continued.	Zero Schedule given by MSEDCL.	
Total Capacity MSPGCL		966						
IPP								
IPP	Adani U-4	660	10/06/2024	16:16		Continued.	ZERO SCHEDULE BY MSEDCL	
Total Capacity IPP		660						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		1626						
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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jun/2024

Position as on 6.30 Hrs of 11/Jun/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 10/Jun/2024

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
AKOLA II - EKTUNI CKT - 2	IntraState	26/05/2024	18:11			T	Tripped on distance protection.(Due to tower
400 KV MAINBAY Outages/Trippings							
BUS COUPLER @ PARLI	IntraState	11/06/2024	04:05			T	Tripped but no indication appears.
400 KV LINE Outages/Trippings							
DHULE - KHANDWA CKT - 1	InterState	11/06/2024	02:45	11/06/2024	03:45	T	Tripped on distance protection from Dhule end only.
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 - 1	IntraState	14/05/2024	12:30			HT	HT for load Management
KHADKA-AURANGABAD (WALUJ)	IntraState	10/06/2024	00:21	10/06/2024	09:20	HT	H/T for Voltage Management
JAIGAD - KARAD CKT - 1	IntraState	10/06/2024	03:46	10/06/2024	09:11	HT	H/T for Voltage Management
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 500MVA ICT - 2 @ WARORA	IntraState	20/05/2024	11:25			PO	RELAY TESTING WORK AND ALLIED WORK
400/220KV 500 MVA ICT - 2 @ VIKHROLI GIS	IntraState	22/05/2024	17:41			HT	HT for Load management
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	03/06/2024	23:26			T	Differential protection
400/220KV 315 MVA ICT - 2 @ NEW KOYNA	IntraState	10/06/2024	08:42	10/06/2024	17:00	PO	Diagnostic testing & Relay testing work , Routine maint. Work
400/220KV 167MVA SPARE ICT @ NANDED (KUMBHARGAON)	IntraState	10/06/2024	10:46	10/06/2024	13:30	PO	Pre-monsoon Maintenance Work.
400/220/33 KV 315 MVA ICT - 2 @ CHANDRAPUR	IntraState	11/06/2024	08:35			PO	1.Measurement of tandelta of Bushing & winding. 2.Measurement of tandelta & capacitance of CT. 3.Premonsoon maintenance work of ICT. 4. Bay routine 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
220 KV LINE Outages/Trippings							
MAIN BUS - 1 @ GORAI	IntraState	28/05/2024	17:59			T	Bus Fault
220KV GIS DCHI - COLOURCHEM	IntraState	31/05/2024	04:30			PO	For de-stringing & stringing of old circuit at new tower Loc. No. 6.
NTT - KALWA	IntraState	05/06/2024	00:20			PO	For carrying out the cable end termination work at Gigaplex for work of GIS s/stn of M/s Gigaplex s/stn (PGD) and opportunity outage for cable cutting work for work of 220kv GIS S/tn M/s NTT Global DC NAV2 Pvt Ltd.
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	09/06/2024	23:20	10/06/2024	01:37	T	Tripped on distance protection from Nashik end only.
PARLI NEW TPS - BEED CKT 1	IntraState	10/06/2024	06:19	10/06/2024	10:45	T	B PH LA Burst Distance protection operated
220 KV CHANDRAPUR - 2 - CHANDRAPUR MIDC CKT	IntraState	10/06/2024	08:11	10/06/2024	11:49	PO	Diagnostic testing & Routine maintenance work
EKLAHARE (OCR) - PADGHE	IntraState	10/06/2024	08:42			HT	H/T for load management

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jun/2024

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TALANDGE - MUDSHINGI CKT - 1	IntraState	10/06/2024	10:10	10/06/2024	13:58		Diagnostic testing work
TALANDAGE - FIVE STAR MIDC 2	IntraState	10/06/2024	10:35	10/06/2024	15:46	PO	For R, Y, B ph STN strings replacement at tower loc no. 12 observed abnormal in PID testing.
LOTEPARSHURAM- DASTURI LINE	IntraState	10/06/2024	10:40	10/06/2024	11:00	PO	Attending hot-spot on B ph CT palm towards CB of 220KV Dasturi line at 220KV Lote s/s. Also line isolator maintenance to be done.
220 KV PARLI -U-8 - PARBHANI CKT	IntraState	10/06/2024	14:35			T	Distance protection
BADNERA - NANDGAON PETH	IntraState	10/06/2024	17:00	10/06/2024	17:18	T	Distance protection
MHAISAL - ALKUD	IntraState	10/06/2024	18:07	11/06/2024	05:36	PO	Wedge connector work
220 KV ICT Outages/Trippings							
220/33kV 125 MVA TF 2 @ GORAI	IntraState	28/05/2024	17:59			T	Bus Fault
220/132 KV 200MVA ICT 2 @ DHULE	IntraState	10/06/2024	09:36	10/06/2024	12:13	EO	CTR FD Trip alarm rectification work.
220/33KV 100MVA PTR 2 @ 5 STAR MIDC, KAGAL	IntraState	10/06/2024	10:35	10/06/2024	13:54	PO	for premansoon maintenance work
100 MVA 220/132 KV ICT	IntraState	10/06/2024	12:26	10/06/2024	17:34	PO	Diagnostic testing work
132 KV LINE Outages/Trippings							
132KV RENAPUR- TWENTY ONE SUGAR AT LATUR	IntraState	26/05/2024	16:19			T	TOWER COLLAPSED AT LOC.11.
110 KV LINE Outages/Trippings							
AMBERNATH - KALYAN CKT - 1	IntraState	10/06/2024	06:45	10/06/2024	14:29	PO	Insulator replacement

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