

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Apr/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.911	1583.082	1) Gujrat	0.646	47.068
2) Hydro	6.642	100.906	2) Madhya Pradesh	11.668	107.872
3) Gas	6.710	59.939	3) Chattisgarh	5.100	32.500
Total MSPGCL	178.263	1743.927	4) Maharashtra	195.496	1641.666
B) 1) APMIL	70.966	647.428	5) Goa (Amona)	-2.635	-22.796
2) JSWEL	25.578	215.110	Total	210.275	1806.310
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.200	314.737
4) RPL(AMT)	31.301	282.250	b) Mumbai Drawl	41.382	341.860
5) SWPGPL	10.087	105.139	c) MSEDCL Bilateral *	63.731	853.795
6) Other IPP	22.673	250.781	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.200	314.737
C) 1) TPCL Thermal	10.840	111.415	Include PX	0.000	0.000
2) TPCL Hydro	3.382	37.715	Standby	0.000	0.000
3) TPCL Gas	3.626	35.640	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.511	98.342	1) MSEDCL	524.644	4895.716
D) STATE			2) Mumbai Discoms	68.741	624.972
1) Thermal	345.867	3293.547	3) Other Discoms	10.339	97.686
(A1+C1+C4+(B1-B6))			TOTAL STATE	603.724	5618.374
2) Hydro	10.024	138.621			
3) Gas	10.336	95.579			
4) Wind	12.214	138.835			
6) SOLAR	15.008	145.482			
TOTAL STATE	393.449	3812.064			

* 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 23 Hrs
MSPGCL Thermal	6575	6933	6680	6743
MSPGCL Hydro	246	484	492	386
MSPGCL Gas	264	268	281	285
MSPGCL Total Generation	7084	7684	7454	7414
Central Sector Receipt	9836	9678	7488	7707
WIND	145	287	710	845
CPP / IPP Thermal	6137	6847	6868	6726
CPP / IPP Gas	0	0	0	0
SOLAR	2180	1071	0	0
Exchange with Mumbai	-2139	-1970	-1684	-1759
MSEDCL DEMAND MET	22754	23124	20393	20508
Load Shedding	0	0	0	0
MSEDCL DEMAND	22754	23124	20393	20508
TPCL GENERATION	691	786	902	838
AEML GENERATION	307	481	496	419
MUMBAI DEMAND	3137	3237	3082	3016
OTHER DISCOM DEMAND	490	473	442	426
STATE DEMAND MET	26380	26834	23918	23950
STATE DEMAND	26380	26834	23918	23950
Frequency (Hz)	49.98	49.96	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 18.02 Hrs	49.71 Hz at 14.15 Hrs	49.98	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 09/Apr/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.46	34.33	195	175
Unit 8	15.35	128.43	662	604
Unit 9	14.72	122.82	634	591
Unit 10	0.00	72.90	0	0
Total	34.52	358.48		
Bhusawal				
Unit 3	3.38	32.50	175	120
Unit 4	10.31	98.08	480	335
Unit 5	10.74	67.30	495	350
Total	24.43	197.89		
Parli				
Unit 6	4.10	38.16	231	141
Unit 7	4.16	40.31	241	144
Unit 8	4.29	38.02	250	145
Total	12.55	116.48		
Chandrapur				
Unit 3	3.28	30.94	165	125
Unit 4	3.65	33.69	173	117
Unit 5	8.48	78.25	415	285
Unit 6	8.70	79.52	440	290
Unit 7	0.00	68.76	0	0
Unit 8	10.02	90.06	425	399
Unit 9	11.68	102.76	500	441
Total	45.80	483.98		
Paras				
Unit 3	5.63	38.57	246	194
Unit 4	5.79	51.12	250	187
Total	11.43	89.68		
Khaparkheda				
Unit 1	3.87	34.16	175	135
Unit 2	2.81	37.10	198	80
Unit 3	4.17	36.76	178	170
Unit 4	4.16	32.45	188	156
Unit 5	10.90	101.00	490	390
Total	25.92	241.46		
Nasik				
Unit 3	3.48	29.89	176	119
Unit 4	3.48	34.03	170	123
Unit 5	3.31	31.18	170	119
Total	10.26	95.10		
Uran				
All Units	6.71	59.94	289	264
Total	6.71	59.94		
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)	0.18	1.57	48	0
Total	0.18	1.57		
Koyna				
Stage 1-2	2.10	24.06	285	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	25.58	0	0
Stage 3	0.36	11.05	160	0
Total	2.46	60.69		
Hydro				
KDPH	0.83	7.58	35	35
VTRNA	0.88	7.29	60	0
TILLARI	0.00	1.62	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	2.48	21.50	109	95
GHATGHAR	0.00	2.21	0	0
Total	4.18	40.21		
Wind				
Total	12.21	138.84	0	0
Total	12.21	138.84		
CPP				
APML(Mus)	70.97	647.43	0	0
JSWEL(Mus)	25.58	215.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.30	282.25	0	0
SWPGPL-Mus	10.09	105.14	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.01	52.68	258	184
Other(Mus)	15.33	158.40	0	0
JPL	2.33	39.70	131	89
Total	160.60	1500.71		
SOLAR				
Total	15.01	145.48	0	0
Total	15.01	145.48		
Tata				
Trombay 5	7.27	73.10	396	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.23	22.14	108	40
Trombay 7B	1.40	13.50	65	36
TATA Hydro	3.38	37.72	325	44
Trombay 8	3.57	38.32	183	131
Total	17.85	184.77		
AEML				
DTPS U-1&2	9.51	98.34	498	289
Total	9.51	98.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.91	1583.08	MSPGCL Total	178.26	1743.93
			MSPGCL Thml+Gas	171.62	1643.02	Koyna 1,2 & 4 Total	2.10	49.64
			MSPGCL Hydro	6.64	100.91	State Total	393.45	3812.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Apr/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	7496	186	286	7968	809	7251	0	0	8929	8489	-1495	22614	0	7	22614	2900	409	25922	50.00
2	7386	180	286	7852	763	6984	0	0	9049	8845	-1482	22583	0	3	22583	2667	380	25630	49.96
3	7152	182	286	7620	731	6813	0	0	8852	8952	-1391	22388	0	1	22388	2475	338	25200	49.97
4	6889	174	286	7348	699	6857	0	0	9027	8973	-1361	22170	0	2	22170	2358	347	24874	49.99
5	6970	180	288	7438	732	6908	0	0	9206	9164	-1289	22594	0	5	22594	2292	359	25244	50.00
6	7306	178	289	7774	456	6881	0	0	9523	9555	-1386	22900	0	4	22900	2350	379	25630	49.97
7	7359	186	289	7834	331	6944	0	53	9863	9412	-1335	22812	0	0	22812	2380	427	25618	49.97
8	7263	250	289	7802	287	6901	0	426	8973	8614	-1473	22112	0	0	22112	2448	446	25006	50.04
9	6693	214	285	7192	161	6589	0	992	8881	8715	-1678	21498	0	0	21498	2639	473	24610	49.99
10	6597	314	278	7190	169	6468	0	1584	9036	9072	-1858	22160	0	7	22160	2876	465	25500	50.00
11	6599	254	269	7122	150	6367	0	1969	9908	9421	-2039	22517	0	14	22517	3044	473	26034	49.99
12	6575	246	264	7084	145	6137	0	2180	10126	9836	-2139	22754	0	18	22754	3137	490	26380	49.98
13	6348	246	265	6858	168	5993	0	2148	10071	9687	-2115	22275	0	8	22275	3152	465	25892	49.96
14	6188	350	267	6806	214	5959	0	2068	9791	9545	-2059	22093	0	5	22093	3095	439	25628	49.89
15	6609	402	265	7276	271	6363	0	1580	9588	9711	-2079	22681	0	3	22681	3163	442	26286	49.88
16	6933	484	268	7684	287	6847	0	1071	9638	9678	-1970	23124	0	2	23124	3237	473	26834	49.96
17	7226	304	272	7802	374	6847	0	665	9191	9111	-1993	22368	0	0	22368	3186	438	25992	49.95
18	6929	246	275	7450	562	6778	0	253	9021	8258	-1916	20952	0	0	20952	3097	434	24482	50.04
19	6649	274	280	7202	702	6541	0	19	8366	7862	-1738	20138	0	0	20138	3026	450	23614	50.04
20	6680	492	281	7454	710	6868	0	0	7906	7488	-1684	20393	0	0	20393	3082	442	23918	49.95
21	6631	396	284	7312	836	6926	0	0	7759	7406	-1761	20256	0	0	20256	3066	463	23784	49.98
22	6560	242	286	7088	925	6544	0	0	7731	7665	-1734	20022	0	0	20022	3037	466	23526	50.01
23	6743	386	285	7414	845	6726	0	0	7701	7707	-1759	20508	0	0	20508	3016	426	23950	49.96
24	7130	274	287	7690	887	7113	0	0	7555	7109	-1648	20733	0	0	20733	3018	418	24170	49.99
MUs	164.91	6.64	6.71	178.26	12.21	160.61	0.00	15.01	215.69	210.28	-41.38	524.64	0.00	0.08	524.64	68.74	10.34	603.72	49.98

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 overloading of 132KV BBLSR-Rahuri line and 50MVA T/F overload at 132KV Ranwad S/stn.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Apr/2024

Position as on 6.30 Hrs of 10/Apr/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Major overhaul.	11/04/2024
MSPGCL	Koyna Unit 11	80	10/07/2023	09:40		Continued.	Capital Overhaul	10/04/2024
Total Capacity MSPGCL		188						
Total Capacity PLANNED OUTAGE		188						
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-10	660	06/04/2024	17:26		Continued.	Boiler Tube Leakage	12/04/2024
MSPGCL	Uran Unit 6	108	07/04/2024	06:57		Continued.	Zero Schedule(Due to open cycle can be taken on bar as per MSEDCL requirement)	
MSPGCL	Chandrapur Unit 7	500	08/04/2024	12:00	10/04/2024	08:12	Excessively high DM makeup	10/04/2024
Total Capacity MSPGCL		1388						
IPP								
IPP	JPL Unit 2	150	06/04/2024	17:00		Continued.	Due to the Bottom Ash system failure .	10/04/2024
Total Capacity IPP		150						
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		1858						
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						

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY OF 765KV/21KV TIRODA-GT-5 AND 765KV-TIRODA-KORADI-III-1 @TIRODA - 765KV at TIRODA - 765KV	InterState	09/04/2024	13:49	09/04/2024	18:20	PO	CT OIL SAMPLE COLLECTION FOR DGA
765 KV LINE Outages/Trippings							
AKOLA II - EKTUNI CKT - 2	IntraState	09/04/2024	15:36	09/04/2024	17:35	T	Distance Protection
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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	28/03/2024	23:52			HT	For load management of Talegaon Chakan line
JAIGAD - NEW KOYNA CKT - 2	IntraState	08/04/2024	21:33	10/04/2024	04:56	T	Tripped on distance protection.
PADGHE - NAGOTHANE CKT - 2	IntraState	09/04/2024	01:22	09/04/2024	19:58	T	Tripped On Distance Protection
PADGHE - NAGOTHANE CKT - 1	IntraState	09/04/2024	02:22	09/04/2024	19:44	HT	Due to repeated autoreclosing at both end.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	09/04/2024	12:02	09/04/2024	18:04	PO	Replacement of Faulty Disc Insulator Strings by Long Rod Porcelain Strings
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
220KV WARORA(400KV)-WARORA CKT 2	IntraState	09/04/2024	07:54	09/04/2024	14:21	PO	For fixing of Bird diverter on E/W
220 KV LINE Outages/Trippings							
URAN - KHARGHAR 2	IntraState	14/02/2024	08:41			PO	For making LILO of 220kV cable at 220kV Ulwe GIS &Waghiwali & Retrofitting of "DIFF" relay at 400kV KHARGHAR s/s.
ALEPHATA-PARGAON(KATHAPUR)	IntraState	16/03/2024	01:34			HT	Hand Tripped For Load management
MHAISAL - ALKUD	IntraState	08/04/2024	18:46	09/04/2024	03:01	PO	Polymer Replacement Work
BUTIBORI-ABHIJEET	IntraState	09/04/2024	02:05	09/04/2024	08:55	T	Distance Protection
NERLE - DASGAON	IntraState	09/04/2024	09:40	09/04/2024	16:13	PO	Quarterly bay Maintenance Work at 220kV Dasgaon Substation
KARAD - DASGAON	IntraState	09/04/2024	10:28	09/04/2024	17:11	PO	Bay Maintenance work at 220kV Dasgaon S/stn
MUDSHINGI- BELEWADI LINE	IntraState	09/04/2024	10:32	09/04/2024	14:23	PO	For replacement of flashover string at loc. No 94 BPh
220 KV PARLI (OLD GCR)-GIRWALI (400 KV) CKT 4	IntraState	09/04/2024	15:44	09/04/2024	19:14	T	Distance Protection
BALAPUR-AKOLA I	IntraState	09/04/2024	16:34	09/04/2024	20:21	T	Distance Protection
132 KV NAGEWADI (220 KV) - JALNA (220 KV) CKT 2	IntraState	09/04/2024	17:50	09/04/2024	18:44	EO	polythene removal work
220 KV UMRED - TOPWORTH CKT	IntraState	09/04/2024	21:46	09/04/2024	22:25	T	Distance Protection
DAHANU - VERSOVA	IntraState	09/04/2024	22:49			PO	Shifting of Lines on Newly constructed Towers for DFCCIL 1. Bunching of lines will be done on Tower no 82.
BOISAR - VERSOVA	IntraState	09/04/2024	22:53				Shifting of Lines on Newly constructed Towers for DFCCIL 1. Bunching of lines will be done on Tower no 82.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2024

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - DHARAVI 8	IntraState	10/04/2024	02:25	10/04/2024	05:30	PO	METRO PROJECT WORK IN VICINITY BY MMRDA
WAGHIVALI - DHARAVI 7	IntraState	10/04/2024	02:25	10/04/2024	05:30	PO	METRO PROJECT WORK BY MMRDA
220 KV ICT Outages/Trippings							
220/132-110 KV 200MVA ICT - 3 @ OGLEWADI	IntraState	08/04/2024	10:45			PO	Oil Filtration Work
220/100 KV 200 MVA ICT 2 @ BORIVALI	IntraState	09/04/2024	04:51	09/04/2024	08:25	T	Tripped on O/C protection.
220/132 KV 100 MVA ICT 1 @ PUSAD	IntraState	09/04/2024	11:06	09/04/2024	15:33	PO	To attend oil leakage
220/132 100MVA ICT-2 @ AMRAPUR	IntraState	09/04/2024	13:15			PO	ICT II ȳ Outage is required to carry out oil filtration work by M/s OM NSG Enterprises oil filtration agency
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
BHIVPURI - AMBERNATH CKT - 1	IntraState	09/04/2024	05:51	09/04/2024	14:28	PO	Connection of Bus From Line Side GOD to CT

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